

भारतीय प्रौद्योगिकी संस्थान तिरुपति



# First Convocation



August 13, 2019

## Disciplines

- ★ Chemical Engineering
- ★ Civil and Environmental Engineering
- ★ Computer Science and Engineering
- ★ Electrical Engineering
- ★ Mechanical Engineering
- ★ Mathematics
- ★ Physics
- ★ Chemistry
- ★ Humanities and Social Sciences



## People

823 Students


| 85 Faculty

| 56 Staff

# Contents



Title	Page No.
Convocation Programme	05
About IIT Tirupati	07
Board of Governors	08
Senate	09
About the Chief Guest	10
About the Guest of Honour	11
Director's Report	12
Graduands List	26
Institute Awards	30
About Our Logo	31
Convocation Attire	32
Convocation Pledge	33
Convocation Committees	34



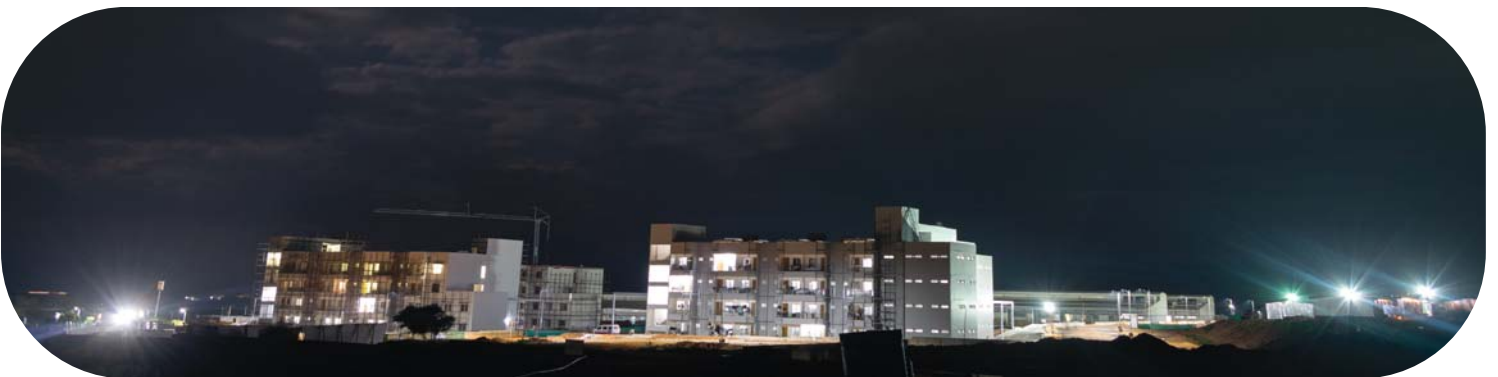
भारतीय प्रौद्योगिकी संस्थान तिरुपति



**TIRUPATI**

# Convocation Programme

<b>1600 hrs</b>	<b>Academic Procession Proceeds to the Dais</b>
<b>1605 hrs</b>	<b>Invocation: "Vande Mataram"</b>
<b>1608 hrs</b>	<b>Chairman Declares the "Convocation Open"</b>
<b>1609 hrs</b>	<b>Welcome Address and Director's Report</b>
<b>1629 hrs</b>	<b>Address by the Guest of Honour</b>
<b>1634 hrs</b>	<b>Address by the Chairman, Board of Governors</b>
<b>1649 hrs</b>	<b>Convocation Address by the Chief Guest</b>
<b>1709 hrs</b>	<b>Award of Degrees by the Director</b>
<b>1739 hrs</b>	<b>Award of Prizes by the Chief Guest</b>
<b>1751 hrs</b>	<b>Pledge by the Recipients of Degrees</b>
<b>1754 hrs</b>	<b>Chairman Signs the Record of Degrees</b>
<b>1755 hrs</b>	<b>Chairman Declares the Convocation Closed</b>
<b>1756 hrs</b>	<b>National Anthem</b>
<b>1759 hrs</b>	<b>Academic Procession Leaves</b>



# About IIT Tirupati

The establishment of Indian Institute of Technology Tirupati (IITT) was announced in 2014 by the Government of India along with five other new IITs at Palakkad, Dharwad, Bhilai, Jammu and Goa (which were announced in 2015). IIT Tirupati launched its academic programme with the support of its mentor Institute, IIT Madras, on August 5, 2015 from a temporary campus situated on Tirupati-Renigunta Road, Tirupati. In the third year of its operations, IIT Tirupati has started functioning from its 530 acres Permanent Campus located in Merlapaka Village on Yerpedu-Venkatagiri Highway. The construction of the permanent campus is underway and the first phase of the construction is expected to be complete by 2021 that will cater to 1250 students and 120 faculty members. The complete campus to cater to 2,500 students, 250 faculty members and 275 staff members is planned to be built by 2024.

Currently, the Institute offers admissions to B.Tech programme against 203 seats in the branches of Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering, and M.Tech in Civil Engineering, Computer Science and Engineering, Electrical Engineering, and Mechanical Engineering. The Institute offers M.Sc. in Mathematics, MS (by Research), and PhD in all the existing branches of Engineering, and PhD in Mathematics, Sciences, and Humanities and Social Sciences.

In four rounds of faculty recruitment, the Institute has added a total of 85 faculty members to its faculty strength. Along with young and dynamic faculty who have joined after completing their doctoral programmes and postdoctoral training from top Universities/Institutes across the world, IIT Tirupati has several senior faculty members retired from other established IITs. The Institute has signed MoUs with various academic laboratories and institutions of international repute in India and abroad for the collaborative research and exchange of faculty and students. We are striving here to establish one of India's leading environs for innovation and entrepreneurship at our Institute to attract top Indian and global companies to recruit our students and conduct collaborative research.

**"IIT Tirupati has a high potential to be an Academic and Research Institute of great repute"**

# Board of Governors

## Chairman

Shri R. Subrahmanyam	Secretary (HE), MHRD, Shastri Bhawan
----------------------	--------------------------------------

## Members

Prof. K. N. Satyanarayana	Director, IIT Tirupati
---------------------------	------------------------

Dr. Sukhbir Singh Sandhu	Additional Secretary, MHRD, Shastri Bhawan
--------------------------	---

Shri G. Yoganand	Chairman & Managing Director, Manjeera Constructions Ltd, Hyderabad
------------------	--

Prof. K. Srinivas Reddy	Professor, IIT Madras
-------------------------	-----------------------

Shri M. Raja Mahender Reddy	Managing Director, M/s. Venkateswara Pesticides & Chemicals Pvt Ltd, Hyderabad
-----------------------------	---

Prof. T. S. Natarajan	Dean, International and Alumni Affairs, IIT Tirupati
-----------------------	---

Dr. Venkataramana Badarla	Associate Professor, IIT Tirupati
---------------------------	-----------------------------------

Shri A. V. V. Prasad	Registrar, IIT Tirupati
----------------------	-------------------------

# Senate of IIT Tirupati

## Chairman

Prof. K. N. Satyanarayana	Director, IIT Tirupati
---------------------------	------------------------

## Members

Prof. K. Krishnaiah	Dean, Academic Affairs
Prof. T. S. Natarajan	Dean, International & Alumni Affairs
Prof. N. N. Kishore	Dean, Planning & Infrastructure
Prof. P. C. Deshmukh	Dean, Sponsored Research & Consulting
Prof. V. Raghavendra	Dean, Faculty Affairs
Mr. A. V. V. Prasad	Member Secretary
Prof. G. Venkatarathnam	Dept. of Mechanical Engineering, IIT Madras
Prof. C. Vijayan	Dept. of Physics, IIT Madras
Prof. D. Malathy	Dept. of Humanities & Social Sciences, IIT Madras
Dr. N. Venkaiah	Associate Professor, Mechanical Engineering
Prof. A. Raghuramaraju	Professor, Humanities and Social Sciences
Prof. Chebrolu Pulla Rao	Professor, Chemistry
Mr. Galla Vijaya Naidu	CEO, Mangal Industries Limited, Tirupati
Dr. T. V. C. Sarma	Scientist/Engineer-SG, NARL, ISRO, A.P.
Dr. R. Harikrishnan	HoD, Chemical Engineering
Dr. Abhijit Ganguli	HoD, Civil Engineering
Dr. Venkata Ramana Badarla	HoD, Computer Science and Engineering
Dr. Rama Krishna Sai Gorthi	HoD, Electrical Engineering
Dr. Vamshi Krishna Reddy	HoD, Humanities and Social Sciences
Dr. Durga Prasad Challa	HoD, Mathematics
Dr. E. Anil Kumar	HoD, Mechanical Engineering
Dr. B. Koteswara Rao	HoD, Sciences
Dr. Subrahmanyam Gorthi	Assistant Professor, Electrical Engineering
Dr. S. Rajesh	Assistant Professor, Mathematics
Dr. Prasanna V. Sampath	Assistant Professor, Civil Engineering
Dr. Arun Kumar M	Assistant Professor, Chemistry
Dr. Chandra Sekhar Bahinipati	Assistant Professor, Humanities and Social Sciences
Mr. K. K. Shameer	Assistant Librarian

# About the Chief Guest



## **Shri Ramesh Pokhriyal 'Nishank'**

Honourable Minister of Human Resource Development  
Government of India

Shri Ramesh Pokhriyal 'Nishank', Minister of Human Resource Development, started his career as a teacher at Saraswati Shishu Mandir. He did his post graduation from Hemwati Nandan Bahuguna Garhwal University. He is a recipient of "Bharat Gaurav Samman", the highest literary honour of Mauritius.

On May 31, 2019 Shri Pokhriyal was appointed as the Minister of Human Resource Development, Government of India. He represents the Haridwar Parliamentary constituency of Uttarakhand in the 17th Lok Sabha. He also represented the 16th Lok Sabha and was also a member in several Parliamentary Committees. He was a Member of the Uttar Pradesh Legislative Assembly for three-terms (1991-92 and 1993-2000). He was the Minister of Development of Uttaranchal (1997-98) and the Minister of Culture and Religion (1999-2000) in the Government of Uttar Pradesh. He has also been the Minister of several key departments in the Government of Uttarakhand during 2000-02 and later became the youngest Chief Minister of Uttarakhand during 2009-11.

Shri Pokhriyal is also a writer and has published several poems, novels and short stories, among other literary works. He has about 50 books (published) to his credit and several of his writings have been translated into English and many other Indian languages. Most of us fondly know him by his pen name 'Nishank'.

Shri Nishank has been awarded in more than 12 countries for his literary achievements. His books have been translated into almost all Indian languages beside various foreign languages. In Shri Nishank we find a rare combination of leading politician and renowned author.

# About the Guest of Honour



**Dr. Audimulapu Suresh**  
Honourable Minister for Education  
Government of Andhra Pradesh

Dr. Audimulapu Suresh, Minister for Education, Government of Andhra Pradesh, started his career as an Assistant Executive Engineer in Panchayati Raj Department, Government of Andhra Pradesh in 1985. He was selected for Indian Railway Accounts Service in 1989 through civil services exam. He held various key positions in Financial Budgeting, Accounting, and Divisional Administration. He also served the Ministry of Railways, Government of India in the capacity of Deputy Financial Advisor before taking voluntary retirement in 2009.

Dr. Suresh obtained his B.E. in Civil Engineering from Regional Engineering College Surat, and M.Tech in Computer Science from JNTU Hyderabad. He acquired his Doctorate in Computer Science Engineering from JNTU Anathapur.

Dr. Suresh has been a Member of Andhra Pradesh Legislative Assembly for three consecutive terms (2009-14, 2014-19, and 2019-24). He has been associated with various Andhra Pradesh Legislative Committees including Public Accounts Committee, Committee on SC & ST Welfare, Committee on Public Assurances and Committee on Libraries as an active member.

# Director's Report



**Prof. K. N. Satyanarayana**

**Director, IIT Tirupati**

**Chief Guest, Shri Ramesh Pokhriyal 'Nishank' Ji, Hon'ble Minister of Human Resource Development, Guest of Honour, Dr. Audimulapu Suresh, Hon'ble Minister for Education, Government of Andhra Pradesh, Shri R. Subrahmanyam, Chairman, Board of Governors, IIT Tirupati; all the members of the Board of Governors; members of the Senate; graduands and their well-wishers; distinguished invitees; colleagues and students,**

It gives me immense pleasure to welcome you all to the first Convocation of the Indian Institute of Technology Tirupati. It is our privilege to have Shri Ramesh Pokhriyal 'Nishank' ji, Hon'ble Minister of Human Resource Development to address our graduating students today and award the medals. The history of IIT Tirupati is in making and in it, the first convocation is an event of paramount significance. On this historical occasion, we are proud to announce that a total of 103 B.Tech and one M.S. degrees will be awarded today.

The establishment of IIT Tirupati was announced in 2014 by the Government of India along with five other new IITs. The foundation stone for the Institute was laid on March 28, 2015 by the then Hon'ble Minister for HRD Smt. Smriti Irani in the presence of Hon'ble Union Ministers Shri M. Venkaiah Naidu and Shri Sujana Chowdary, Hon'ble Chief Minister of AP Shri N. Chandrababu Naidu, Hon'ble HRD Minister of AP Shri Ganta Srinivasa Rao and a galaxy of other dignitaries. The common foundation stone programme for IIT Tirupati, IISER Tirupati and IIIT Sri City was attended by over 20,000 people.

IIT Tirupati launched its academic programme with the support of its mentor Institute, IIT Madras, on August 5, 2015 from a temporary campus situated on Tirupati-Renigunta Road, Tirupati. In the fourth year of its operations, IIT Tirupati has started partly functioning from its 530 acres Permanent Campus located in Merlapaka Village on Yerpedu-Venkatagiri Highway. The construction of the permanent campus is underway and the first phase of the construction is expected to be complete by 2021 that will cater to 1250 students and 120 faculty members. The complete campus to cater to 2,500 students, 250 faculty members and 275 staff members is planned to be built by 2024.

# Director's Report

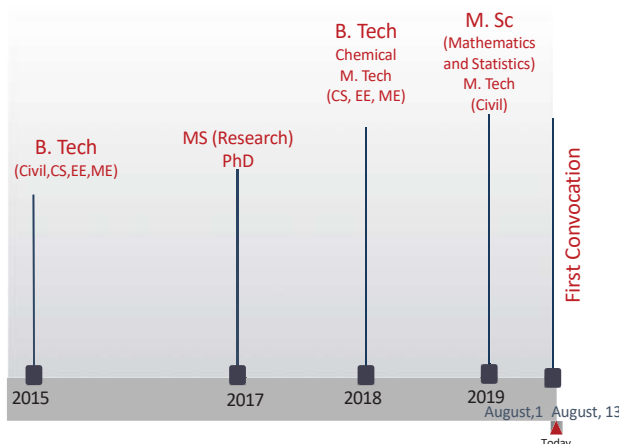
Since the inception of the Institute, we are engaged in recruiting world-class faculty members to teach and carry out cutting-edge research often in collaboration with industry and academic institutions of international repute. In three rounds of regular recruitment, the Institute has appointed 85 faculty members against the sanctioned strength of 93 faculty members. We are striving to establish one of India's leading environs for innovation and entrepreneurship at our Institute to attract top Indian and global companies to recruit our students and conduct collaborative research. IIT Tirupati is growing to be one of the leading Institutions in the country with its ideal of global outlook and local relevance.

I, now, share with you some snapshots of our journey since the inception of the Institute.

## ACADEMIC PROGRAMMES

The Institute started in 2015 by admitting 106 students in the B. Tech programmes in four branches of Engineering, namely, Civil Engineering, Computer Science & Engineering, Electrical Engineering, and Mechanical Engineering. In 2018, the B.Tech programme in Chemical Engineering was started and intake in the B.Tech programme was increased to 180 students. In order to get the research programmes started in the Institute, MS (by research) and PhD programmes were started in 2017. The M.Tech programmes in Computer Science & Engineering, Electrical Engineering and Mechanical Engineering were started in 2018. The M.Tech programme in three streams of Civil Engineering and M.Sc (Mathematics & Statistics) have been started this academic year.

The current student strength of 823 students includes 582 B.Tech students, 118 M.Tech students, 10 M.Sc students, 32 MS and 81 PhD research students. IIT Tirupati takes pride in mentioning here that the Institute consistently had the highest percentage of female student enrolment (17%) in the B. Tech programme, among all the IITs. We did not have to fill any supernumerary seats to achieve the target of 17% female students in the 2019 admissions.



# Director's Report

## ACADEMIC AND SPONSORED RESEARCH

In spite of the infrastructure constraints of a new Institute, IIT Tirupati faculty members have vigorously been involved in academic and sponsored research. During the last three years, our faculty members and students have published more than 100 papers in reputed national and international journals. Our faculty members have authored five books published by reputed international publishers. They have also presented approximately 200 research papers in national and international conferences.

The faculty members have been granted 29 sponsored research projects amounting to 10.40 crores, and 21 industrial consultancy assignments amounting to Rs. 70 lakhs. These projects have been funded by Ministry of Human Resource Development (MHRD), Department of Science and Technology (DST), Council for Scientific and Industrial Research (CSIR), Science and Engineering Research Board (SERB), Naval Research Board (NRB), Indian Space Research Organization (ISRO), Indian Council of Social Science Research (ICSSR), etc. Further, about 20 projects are currently under evaluation with various sponsoring agencies.

The Institute has identified the following thrust areas to undertake inter-disciplinary research:

- Smart Infrastructure
- Food Technologies & Precision Agriculture
- Materials & Manufacturing
- Energy
- Education Technologies
- Design

These have been identified taking into consideration the national needs, local relevance and global trends.



**Department of Science & Technology**  
Ministry of Science & Technology  
Government of India



Human Resource Development Group  
Council of Scientific & Industrial Research



# Director's Report

## ACADEMIC DISTINCTIONS SECURED BY OUR FACULTY MEMBERS

In recognition of their academic achievements, our faculty, staff and students have been bestowed several academic distinctions, honours and awards, and memberships on editorial boards of journals. Notable among the awardees are:



**Prof. T. S. Natarajan** received the Eminent Scientist Award by the KG Foundation, Coimbatore, for his outstanding contribution to Science and Technology in Educational Institutions. He was also honoured with the prestigious IAAM Scientist Medal for the year 2016 at the American Advanced Materials Conference by the Royal Caribbean Cruise, Miami, USA.



**Prof. K. Krishnaiah** received the Life Time Achievement Award given by VIT, Vellore for his outstanding contribution to Engineering Education and Research. He was also awarded the “Eminent Engineer's Award—2018” on the occasion of the 158th Birth Anniversary of Bharat Ratna Sir Mokshagundam Visvesvaraya, and 51st Engineers Day on September 15, 2018 by the Institution of Engineers (India), Tirupati Chapter. He also received the inaugural "Srimathi Marti Annapurna Gurunath Award for Excellence in Teaching" which has been instituted in IIT Madras in the year 2012.



**Dr. Krishna Prapoorna Biligiri** has been nominated as Asphalt Rubber Ambassador for the Republic of India by Rubber Pavements Association and RAR–2018 Conference Chairman, South Africa, May 2018, for a period of three years (2018-21).

# Director's Report

## CONFERENCES, CONTINUING EDUCATION AND OUT REACH PROGRAMMES

IIT Tirupati has actively initiated outreach programmes that cater to the needs of teachers, practicing engineers, and researchers. Following notable programmes have been conducted in this regard:

- In the first year of its operations, IIT Tirupati organised an International Conference on “Sustainable Energy Technologies for Smart & Clean Cities” (SETS &CC-2016) in collaboration with Amara Raja Batteries Ltd., Krishna Theja Educational Institutions, Municipal Corporation of Tirupati, and Southern University, USA, during July 27-29, 2016. The conference was held at Amara Raja Auditorium, Karakambadi, Tirupati.

- The Department of Mathematics, IIT Tirupati, organized two workshops in collaboration with the 'National Board for Higher Mathematics' on “Advanced Training School on Functional Analysis for Teachers and Research Scholars” and “Complex Analysis and Complex Dynamics for Teachers and Research Scholars” during the periods 11-23 December 2017, and December 10-22, 2018 respectively.

- IIT Tirupati in collaboration with Indian Institute of Welding (IIW), Chennai Chapter organised a one day workshop on “Advances in Welding Technology” in Sri City, Andhra Pradesh on November 22, 2018.

- The Department of Humanities and Social Sciences organised a one day workshop on “Academic Writing and Publishing” on December 17, 2018. Dr. Shashank Sinha, Senior Editor, Routledge, India, and Professor Sundar Sarukkai, NIAS, Bengaluru conducted the sessions of the workshop as resource persons.

- Confederation of Indian Industry (CII) in collaboration with IIT Tirupati, and Texas A&M University, USA organised the Conference on "Industry 4.0 - Opportunities, Challenges, and Preparedness" during December 17-18, 2018. About 240 delegates attended the conference from India and abroad.

- IIT Tirupati had jointly organized an International conference along with IIT Delhi and CIAAS (The China India Association of Atmospheric Scientists) in Delhi on "Atmospheric Chemistry and Physics in Highly Polluted Environments", during March 24-26, 2019. About 180 people attended this international forum.

- IIT Tirupati organized a Faculty Development Program cum Workshop on “Climate across the Curriculum: Educational Resources for Teachers” in collaboration with TROP ICSU, a Climate Education Project of the International Science Council (ISC), during April 26-27, 2019.

# Director's Report

- Dr. Vaneet Kashyap, Department of Humanities and Social Sciences, conducted a training workshop on “Building High-Performance Teams” for executives of Exafluence Pvt. Ltd. Tirupati on April 04, 2019.
- Keeping in view the rise of the use of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL), Department of Computer Science and Engineering organized a Summer School on "Artificial Intelligence and Machine Learning" for the benefit of the academicians, research scholars and industry personnel during July 22-26, 2019.
- IIT and IISER Tirupati jointly hosted the 7th Topical Conference of the Indian Society for Atomic and Molecular Physics between January 6 and 8, 2018 on the theme, “Quantum Collisions and Confinement of Atomic and Molecular Species and Photons”. About 125 delegates attended the conference from India and abroad.
- Channel 18 of Swayam Prabha DTH Free Channels covering the topics of Mathematics, Physics, Metallurgy and related subjects is coordinated by Prof. T. S. Natarajan from IIT Tirupati.

## MEMORANDUMS OF UNDERSTANDING SIGNED

To nurture the collaborative academic and research activities, the Institute has inked MoUs and academic associations with a number of universities, research institutes and laboratories, and industry partners. MoUs have been signed with international academic institutions including Nagaoka University of Technology Japan, Texas A&M Engineering Experiment Station (TEES), USA and University of Calgary, Canada.

To undertake collaborative research with the national research laboratories, MoUs have been entered into with CSIR-CRRI New Delhi, CSIR-SERC Chennai, CSIR-NEERI Nagpur, CSIR-CBRI Roorkee, CSIR-CEERI Pilani, Central Manufacturing Technology Institute (CMTI) Bangalore.



# Director's Report

Government organizations with whom MoUs have been entered into include Ground Water & Water Audit (GW&WA) Department, Govt. of AP; and Roads & Buildings (R&B) Department, Govt. of AP. A tripartite MoU between IIT Tirupati, Andhra Pradesh Pollution Control Board (APPCB), and the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India has been entered into to monitor the National Clear Air Programme at the state level.

Industrial partners with whom we have entered into MoUs include:

- Analog Devices India to collaborate in the areas of Digital Signal Processing & Communication.
- Toshiba Software India Pvt. Ltd to collaborate in the areas of AI and Data Analytics.
- NVIDIA Graphics India Pvt. Ltd to set up a Centre of Excellence in AI.
- Venusgeo/7IQ for setting up a Centre for Excellence (CoE) for Product Engineering and IoT.

## INFRASTRUCTURE DEVELOPMENT

The Government of Andhra Pradesh has provided a picturesque 530.49 acres land for the development of the permanent campus for the Institute. The site is located on the Yerpedu–Venkatagiri Highway in Merlapaka Village. It is well connected by rail, road and air. The permanent campus site is 24 km from Tirupati town, 14 km from Renigunta Railway Station and 13 km from the Tirupati Airport. The construction of the compound wall around the site has been completed by the State Government.



# Director's Report

M/s Suresh Goel & Associates has been appointed as consultant for the campus master plan, design of academic buildings, and design of external service. For the design of residential buildings and sports facilities, M/s Adarshila Designs Pvt. Ltd has been appointed.

The Master Plan, for the 12,000-student campus, has been completed. It includes four zones, namely, Academic Zone, Hostel Zone, Housing Zone, and Recreational Zone, along with a transit campus (that is integrated with the permanent campus).

Salient features of the Master Plan:

- The site is bifurcated by a national highway. The west campus (511 acres) will house the academic campus and the east campus (19 acres) will house a research park. An underpass will connect the two campuses.
- The campus is planned as smart, sustainable, and pedestrian friendly campus.
- To maintain the ecological features of the campus site, the existing rivulets and water bodies are being retained. In order to preserve the ecology of the permanent campus site, a detailed Ecological Management Plan (EMP) was prepared by Care Earth Trust, a Chennai based NGO.
- Two water bodies are being created for capture and storage of run off. This will cater to about 3 months of water supply for the campus.
- The locations of the buildings and other facilities are planned to minimise the cuts and fills in the site.
- The buildings are oriented to minimise heat gain.



# Director's Report

It has been planned that the permanent campus would be built in phases. A complete campus to cater to 2,500 students, 250 faculty members and 275 staff members is planned to be built by 2024. The construction is to be taken up in two stages. In Stage 1, to be completed by 2021, buildings and facilities to cater to 1,250 students and 120 faculty members are to be completed and all operations are to be moved to the permanent campus. Subsequently, the campus is to be developed in various phases growing over a period of 25-30 years to cater to a 12,000-student campus.

## Temporary Campus

IIT Tirupati began functioning from its temporary campus situated on the Tirupati–Renigunta road in the premises of Krishna Theja Group of Institutions. Within a short span of two months, the Institute created all the necessary infrastructure at its temporary campus to ensure the start of academic programmes from August 2015. The Institute also created a kitchen-cum-dining facility on its temporary campus within the record time of 45 days using PEB structures. The student hostels were run at different locations in Tirupati.

## Stage 1A (Transit) Campus

In 2016, in order to address the immediate requirements for student hotels and laboratory facilities, it was decided to build a Transit Campus in the permanent campus site. The Transit Campus, to be integrated in the master plan of the Permanent Campus, has been built in an area of 36 acres within a span of one year adopting fast track and sustainable construction technologies.



# Director's Report

- The buildings and facilities on the transit campus include:
- Five hostels with G+3 floors, each to accommodate about 150 students
- A G+1 floor classroom complex with a 120 – seater studio type classroom, a 90 – seater class room, a 60 – seater classroom, a 90 – seater Computer Science laboratory, one staff room, and a Health Centre with two medical examination rooms and 4 – bed ward
- Two laboratory buildings to house Civil, Electrical, and Mechanical Engineering laboratories and workshop facilities
- Residential block with four apartments for essential staff
- A maintenance office building
- An indoor sports complex along with outdoor sports facilities
- A dining-cum-kitchen facility for 300 persons in a batch, equipped with modern and hygienic kitchen.
- BT roads with street lighting and 500 kVA sub-station

I take this opportunity to inform the distinguished gathering that IIT Tirupati Transit (Stage 1A) Campus project has won two prestigious sustainability awards, namely, GRIHA and HUDCO awards for the design and use of sustainable and eco-friendly construction materials and technologies. The buildings in the Transit Campus of the Institute has been constructed adopting fast track and sustainable Eco-Friendly construction technologies such as prefabricated Glass Fibre Reinforced Gypsum (GFRG) panels for the hostels and apartment buildings; Pre-Engineered Building structures for laboratories, dining facility and indoor stadium; polished concrete floorings in laboratories. Energy efficient technologies used include, roof-top grid interactive type 210 kW solar power plant, 48 volt DC fittings in the hostels, solar water heaters, and High Volume Low Speed (HVLS) fans, to achieve the goal of causing the minimal damage to the surrounding environment and achieve higher sustainability of the campus. The treated water from the STP is recycled for flushing and gardening purposes.



# Director's Report

## STUDENT CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

### Tirutsava: Techno-cultural FEST

Tirutsava 2018, the first ever techno-cultural festival of IIT Tirupati, was held in March 2018. The second edition was held in February 2019. An entwined relation of technology and culture, the festival saw a medley of events, ranging from verticals in cultural arts to those in engineering and technology. Accompanying it were special lectures by recognized in-field individuals and educational workshops. The festival witnessed students' participation from various institutes across the city of Tirupati and outside.

### SPICMACAY

The IIT Tirupati SPICMACAY Chapter, to promote the Indian classical music and dance among the youth, has organised performances IIT Tirupati by renowned artists including Bharatnatyam performance by Smt. Lavanya Ananth, Carnatic Vocal Lecture Demonstration Sri Sikkil Gurucharan. The prestigious Virasat series including crafts workshops and performances by leading artists is being organized from August 10 to 17, 2019 at IIT Tirupati.



# Director's Report

## National Service Scheme (NSS) Activities

Students of IIT Tirupati has been actively engaged in the activities of National Service Scheme. Under this scheme, the students have been visiting various Government schools conducting classes in Science, working with children in the blind school, orphanage and other initiatives run by NGOs. Rural engagement is a core activity for NSS volunteers of IIT Tirupati who adopted five villages to assist in improving the standards of life in those villages. They have been going to villages to spread awareness in respect of various government programmes such as Pulse Polio Abhiyan, Swachchh Bharat Abhiyan etc. The students have been organizing a blood donation camp every year in association with SVIMS.

## Clubs and Sports Activities

IIT Tirupati has about 14 active clubs and societies under which they organize various extra-mural activities. The students have been actively participating in the annual Inter-IIT Sports and Inter-IIT Technical meets. With the establishment of sports facilities in the Institute, we hope to win a few medals in the Inter-IIT Sports meet this year.

## PLACEMENT

In the graduating batch, 100% of the students secured internship both in highly reputed national and international organizations. More than 50 companies visited the campus and more than 75 out of 103 students got placed in core engineering and R&D Companies, Analytics, Consulting and Finance, and Information Technology (IT), and rest of the students chose to pursue higher education in the reputed institutions in India and abroad.

For the 2020 graduating batch, a summer internship drive was conducted in which the students actively participated that ensured them 100% internship opportunity. This internship experience has provided them with an opportunity to connect the classroom knowledge with the real-world applications.



# Director's Report

## ACKNOWLEDGEMENTS

An endeavor on the scale of this Institute and its entire gamut of activities takes place with the whole-hearted participation and support of all stakeholders - our students, faculty, staff, agencies and industries sponsoring R&D and consultancy projects; professionals from other organizations who assist us in various capacities.

In particular, I would like to thank my faculty members and staff for all the support that they have given in building our Institute. Building an Institution from scratch requires a lot of hard work and commitment. They have all stepped up to this challenge.

The Institute is grateful to the Ministry of Human Resource Development, Government of India, for its continued and sustained encouragement and support. The Ministers, officers and staff at MHRD have always been there to address any issue that we needed help on. The liberal funding from the Govt. of India will enable to set up the initial infrastructure to lay the foundation on which the Institute will continue to grow. We were fortunate to have all the Hon'ble Ministers for Human Resource Development including Smt. Smriti Irani, Shri Prakash Javadekar and Shri Ramesh Pokhriyal 'Nishank' visit our Institute.

I wish to avail this opportunity to place on record our sincere thanks to our mentor Institute IIT Madras which has guided us from inception and was always there to provide any required support.

I also thank the Government of Andhra Pradesh for all the support it continues to extend in multiple ways. The District Administration led by the Collectors, Shri Siddharth Jain, Shri Pradyumna, and Dr. N. Bharath Gupta, has always been ever helpful in addressing the various issues for land allotment, construction of boundary wall etc.



# Director's Report

I wish to thank Shri R. Subrahmanyam, Secretary (HE) and our Chairman, Board of Governors, and all Board members for their wise counsel, support and guidance, enabling us to scale new heights.

I would like to express my gratitude to our Chief Guest Shri Ramesh Pokhriyal 'Nishank' ji, Hon'ble Minister of Human Resource Development for gracing this Convocation. He is a well-known figure in Hindi literature. We are eager to hear from him how our faculty, students and alumni can contribute to this great national effort.

Before I end, I would like to congratulate the prize-winners today and wish all our graduating students of our pioneer batch happiness, professional success, and fulfillment from a life of service to their profession, family, country and society at large. You have been an extraordinary batch and set a benchmark for future batches with the way you have conducted yourselves with maturity, understanding the difficulties of a new institute in providing the necessary infrastructure. I see a great future for this Institute and assure you that will be proud of your alma mater when you come back for your reunions.

**Jai Hind!**



# Graduands List

## B.Tech Civil Engineering

S.No.	Roll No.	Name
01	CE15B001	Aman Kashyap
02	CE15B003	Bellamkonda Abhilash
03	CE15B004	Bobbili Uday Kumar
04	CE15B005	Botcha Ramyasri
05	CE15B006	Chandra Mouli Dokula
06	CE15B008	Hardik Dhingra
07	CE15B011	Kishan Lal Meena
08	CE15B012	Kosaraju Chandra Suhas
09	CE15B014	Narender
10	CE15B015	Narendra Kumar Gehlot
11	CE15B016	Nenavath Sai Kumar Naik

S.No.	Roll No.	Name
12	CE15B017	Radarapu Leela Krishna Mohan
13	CE15B018	Rituraj Patel
14	CE15B019	Rohit Kumar Mahawar
15	CE15B022	Shagun Mittal
16	CE15B023	Shubhangi Chauhan
17	CE15B024	Sonali Srivastava
18	CE15B025	Sudhanshu Singh
19	CE15B026	V Pavan Kumar Reddy
20	CE15B027	Vaddy Poornachandra
21	CE15B028	Vurukuti Tarani
22	CE15B029	Vysyaraju Praneeth Sai



# Graduands List

## B.Tech Computer Science and Engineering

S.No.	Roll No.	Name
01	CS15B001	Aakash Verma
02	CS15B002	Abhay Pratap Singh
03	CS15B003	Aditya Dhall
04	CS15B004	Akash Gupta
05	CS15B005	Akshay Yadav
06	CS15B007	Ashwin Prakash Nalwade
07	CS15B008	Bantupalli Varnika
08	CS15B009	Dasari Gnana Preetham Roy
09	CS15B010	Dasari Yasaswini
10	CS15B011	Deepika Kadela
11	CS15B012	Kahalekar Rohan Ganeshrao
12	CS15B013	Kannedhara Manoj Kumar
13	CS15B014	Kolasani Madhavi
14	CS15B015	Kurma Sai Sree Bhargav
15	CS15B016	Lekkala Shanthi
16	CS15B017	M Vikas

S.No.	Roll No.	Name
17	CS15B018	Mandala Pavan Kalyan
18	CS15B019	Mehar Chaturvedi
19	CS15B020	Modukuru Teja Ramana
20	CS15B021	Monu Kumar
21	CS15B023	Ram Kumar
22	CS15B024	Rishabh Jain
23	CS15B025	Romil Pawar
24	CS15B026	Seema Kalyanrao More
25	CS15B027	Shishir Kumar
26	CS15B028	Tejas Sanjay Taneja
27	CS15B029	Vanka Sai Sumanth
28	CS15B030	Vinith Krishnan
29	CS15B031	Dhasade Akash Balasaheb
30	CS15B032	Nikhil Sharma
31	CS15B033	R. Abhinav
32	CS15B034	Saket Dattatray Joshi
33	CS15B035	Valse Avi Gunderao



Congratulations!

# Graduands List

## M.S Electrical Engineering

S.No.	Roll No.	Name
01	EE17S004	P Naveen

## B.Tech Electrical Engineering

S.No.	Roll No.	Name
01	EE15B001	Amballa Chaitanya
02	EE15B002	Amitesh Anand
03	EE15B003	Appalabhaktula Sashank
04	EE15B005	Ashish Suna
05	EE15B008	Gadepally Krishnachaitanya Akhil Bharadwaj
06	EE15B009	Ingilala Anusha
07	EE15B010	Jamakayala Jeevan
08	EE15B012	Kondru Yuthsavi
09	EE15B013	Machineni Rakesh Chowdary
10	EE15B015	P Venkata Bhanu Teja
11	EE15B016	Palaparthi Agnika
12	EE15B017	Pedasingu Bala Suraj

S.No.	Roll No.	Name
13	EE15B018	Pilla Surya Lakshmi Subba Rao
14	EE15B021	Sandalika Sapra
15	EE15B022	Saumitra Paira
16	EE15B023	Shailendra Kumar Meena
17	EE15B024	Shivam Gahoi
18	EE15B025	Shravanthi.Y
19	EE15B026	Thalluri Venkatesh
20	EE15B027	Thela Sai Ritesh
21	EE15B028	Uyyala Tejaswini
22	EE15B030	Gurugubelli Sravanthi
23	EE15B031	Ipshita Panda



# Graduands List

## B.Tech Mechanical Engineering

S.No.	Roll No.	Name
01	ME15B001	Ajay Vaishnav
02	ME15B002	Ayush Pratap Singh Kushwah
03	ME15B004	Bodnaik Surya Prakash
04	ME15B005	Chauhan Hardik Subhash
05	ME15B007	Gautam Reddy C
06	ME15B008	Gella Yaswanth
07	ME15B009	Harshit Chawla
08	ME15B010	Jerripotula Nani
09	ME15B011	K Jeevan Reddy
10	ME15B012	Kana Ram Meena
11	ME15B013	Kanak Goyal
12	ME15B014	Kantwala Monilkumar Bhupinkumar

S.No.	Roll No.	Name
13	ME15B017	Mayank Srivastav
14	ME15B018	Meena Amitkumar Riddhichand
15	ME15B019	Murahari Venkata Krishna
16	ME15B020	N Chandra Raja Shekar Reddy
17	ME15B021	Nitish Kumar Bevara
18	ME15B022	Potti Pushaan Kaustubh
19	ME15B023	Pranjal Shukla
20	ME15B024	R S Deepak Kumar
21	ME15B025	Raghav Dhawan
22	ME15B026	Rushikesh Kure
23	ME15B027	Saurabh Agarwal
24	ME15B029	Tapan Ganatma Nakkina
25	ME15B030	Undavalli Rohith Ramesh



Congratulations!

# Institute Awards

## President's Medal



Akash Dhasade Balasaheb

## Institute Medal

### Civil Engineering



Narender

### Computer Science & Engineering



Akash Dhasade Balasaheb

### Electrical Engineering



Gurugubelli Sravanthi

### Mechanical Engineering



Ajay Vaishnav

## Governor's Prize



Nikhil Sharma

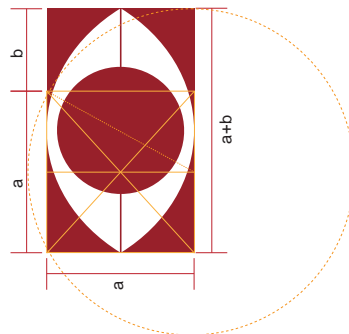
# About Our Logo



Visual identity of IIT Tirupati is an allegorical image that offers multiple layers of inspiring meanings. It shows the acronym IIT along with a scene of a continuing conversation among the three people. The people appear to be discussing about a symbol placed between them that of a 'tritiya netra' or the third-eye. The image of the third eye is an inimitable symbol in Indian culture signifying 'pragya' or wisdom, a pursuit and purpose of the knowledge. Image of people in conversation signifies a 'Gurukul', an arrangement where Guru and Shishya live together and continue the discourse. The 'Gurukul' is well regarded in Indian tradition as a way of passing on the advance and subtle knowledge from one generation to the next.

The logo carries the regional traditional styles of art and crafts hence providing the 'local identification' of the IIT Tirupati in the global milieu and conveying the people centric approach in advancing research in the fields of science and technology.

The ubiquitous presence of the image would influence as a positive and virtuous stimulus to entire IIT fraternity, its national and international guests and the local folks living in and around the historical town of Tirupati.



# Convocation Attire

The Convocation Attire of the students and dignitaries have been designed with the support of National Institute of Fashion Technology (NIFT), Chennai.

Dots and lines are not just the foundational elements of design. There are the signifiers of consciousness and evolution. A moving dot becomes a line signifying emancipation. A line thus created, contains within itself the power to transform into shapes, form, or patterns. Human beings are no different. A student through guidance develops into a learned individual. Influenced by physical, environmental, sensorial, and emotional stimuli, that individual transforms into a professional serving the needs of a few and many. When the dot as a line becomes a form, the metamorphosis commences.

This phenomena of metamorphosis is the philosophy of commencement. The Convocation Attire used for such an occasion acts as a visual sign of transformation. The cape designed in the colours of red and black is about forging meaningful ties with a social purpose. Printed by the craftspeople of Andhra Pradesh using natural dyes and hand carved blocks, the lines and dots represent the material and visual culture of the region. The student cape that re-purposes as a stole offers personalisation for large audiences, which will motivate them to keep the object good.

The design of the Convocation Attire, focuses on the ideology of the people, processes, technology of IIT Tirupati offering a new sense of vitality and cultural appreciation.



Students

Senate

Dignitaries

# Convocation Pledge



*I, the Graduate of the Indian Institute of Technology Tirupati, pledge today to honour this oath;*

*That I shall continue to work to acquire, disseminate and generate new knowledge;*

*That in thought, word, and deed, I shall endeavour to contribute to human welfare by conscientiously adhering to the ethical values of my profession;*

*That I shall work for an inclusive society and sustainable development.*

# Convocation Committees

Steering Committee	
Prof. K. N. Satyanarayana, Chairman	
Mr. A. V. V. Prasad, Member Secretary	
Members	Prof. K. Krishnaiah
	Prof. V. Raghavendra
	Prof. N. N. Kishore
	Prof. T. S. Natarajan
	Prof. P. C. Deshmukh
	Dr. N. Venkaiah
	Dr. A. Raghuramaraju
	Dr. E. Anil Kumar
	Dr. Suresh Jain
	Dr. Adapa Murali Krishna
	Dr. Degala Venkata Kiran
	Dr. Roshan Karan Srivastav
	Dr. Durga Prasad Challa
	Dr. N. V. L. N. Murty
	Dr. S.S. Ram Krishna Gorthi
	Dr. Rahul Abhijit Sirohi
	Dr. Harikrishnan R
	Mr. V. Adinarayana
	Mr. T. Siva Kumar
	Mr. P. P. Chowdary
Mr. Santosh Kumar Sahoo	

Programme Committee	
Dr. Anil Kumar E, Chairman	
Members	Dr. Harikrishnan R
	Dr. Panchatcharam M
	Dr. B. Janaki Ramaiah
	Dr. Sunil Kumar
	Dr. Romanbabu Oinam
	Dr. Rajib Biswas
	Dr. Sridhar Ch
	Dr. K. P. Naveen
	Dr. Prabha S Dwivedi
	Mr. M. Ramesh
	Mr. A. Jayagopal
	Mr. G. Ramoji Rao

Reception Committee	
Dr. Suresh Jain, Chairman	
Members	Dr. Bijily Balakrishnan
	Dr. Balaji Subramanian
	Dr. S. Raja
	Dr. Ananya Lahiri
	Dr. Vinay Pramod
	Dr. Reetesh K. Gangwar
	Dr. Jayanarayan TT
	Dr. Vignesh V
	Dr. Arun Kumar Manna
	Mr. P. Mithun Kumar
	Mr. V. Adinarayana, Advisor

# Convocation Committees

<b>Works Committee</b>	
<b>Members</b>	Dr. Adapa Murali Krishna, Chairman
	Mr. P. P. Chowdhary
	Dr. Prasanna Venkatesh Sampath
	Dr. A Gowri
	Dr. P. S. Saikrishna
	Dr. Girish Kumar Rajan
	Mr. Senthamil Selvan
	Mr. Priyangan A
	Mr. V. Vasudeva Rao
	Mr. S. Ruthrpathi
Mr. V. Adinarayana, Advisor	
<b>PA Systems, Photo, Video &amp; Web casting</b>	
<b>Members</b>	Dr. N. V. L. N. Murty, Chairman
	Dr. Mahendran Veeramani
	Dr. G. Ramakrishna
	Mr. T. Senthil
	Mr. T. T. Manigandan
Mr. G. Ramesh	
<b>Security Arrangements</b>	
<b>Members</b>	Dr. Roshan Karan Srivastav , Chairman
	Dr. P. Venkataraman
	Dr. Prashanth Vooka
	Dr. M. Nithyadharan
	Dr. Parthajit Mohapatra
	Dr. Sumit Giri
	Dr. Vikram Kumar Pudi
Dr. Shaon Sahoo	
Security Officers, IIT Tirupati	

<b>Volunteers Committee</b>	
<b>Members</b>	Dr. Durga Prasad Challa, Chairman
	Dr. Pooja Vyavahare
	Dr. Sriram Sundar
	Dr. Gorthi VRMS Subrahmanyam
	Mr. K. Sarath Babu
	Students General Secretary Academic Affairs Secretary
<b>Hospitality Committee</b>	
<b>Members</b>	Dr. Degala Venkata Kiran , Chairman
	Dr. Bharath Kumar C
	Dr. Rudra Sekhar Manna
	Dr. S. Rajesh
	Dr. Venkata Ramarao Kintali
	Dr. G. Sanyasi Naidu
	Mr. K. S. Janakiraman
Mr. S. Anjanayelu	
Mr. Rafi	
<b>Degree Preparation</b>	
<b>Members</b>	Dr. S. S. Gorthi Rama Krishna, Chairman
	Dr. Vamshi Krishna Reddy
	Dr. A. Madan Mohan
	Dr. A. Raghuramaraju
	Mr. Harikrishna Reddy
Mr. S. L. Pradeep Valan	
Mr. R. Lokesh	
<b>Convocation Attire</b>	
Dr. Rahul Abhijit Sirohi, Chairman	
Dr. Bijily Balakrishnan, Member	

