2019 - 2020

ANNUAL REPORT

& ACCOUNTS

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL

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INSTITUTE VISION AND MISSION

Vision of the Institute: To become a center of excellence pioneering in education, research & development, and the best in Design & Manufacturing. To become the epicenter of path-breaking innovations and novel ideas in Information Technology enabled Design and Manufacturing. To create an eco-friendly environment with state-of-the-art equipment where research and scholarship flourish in tandem, and where the leaders of a new tomorrow emerge.

Mission of the Institute: To work towards realizing our vision and become the torch-bearer of 'higher learning' in the field of Information Technology enabled Design & Manufacturing. To foster research, innovation and provide ample scope for outreach and leadership programs among students and faculty alike, thereby creating cutting-edge technologies and avant-garde technologists on par with the global standards.

Charter: To carry out unparalleled advanced research and development activities in Information Technology enabled Design and Manufacturing related technologies. To design, adapt and adopt suitable pedagogy for enhanced 'higher learning'. To excel and standout in the field of Information Technology enabled Design and Manufacturing by contributing towards knowledge-building and nation-building both exquisitely and on the basis consultation.

Director's Message

In order to realize afore mentioned vision and mission of the Institute, an ideal Design Ecosystem with modern curricula apt for the 21st century knowledge economy came into being. Efforts were put in with the aim of integrating various engineering streams under one umbrella. Furthermore, this umbrella would emerge to be a gangplank necessary to bridge the gap between industries and academia. The Indian Institute of Information Technology, Design and Manufacturing, Kurnool (IIITDMK) is an Institute which was set up to build a model Design Ecosystem, for which I am beholden to the MoE formerly known as the MHRD and the Government of India for bestowing me with this opportunity and responsibility to materialize their vision into a living reality, by serving as the founding Director.

I assumed charge in the month of February - 2019, and numerous challenges were laid ahead of me straight away. The Institute was in the nascent stages of development, having scope for immense and untapped potential. The foundation of an academic Institute depends on three factors, the duty to provide holistic education in addition to quality research (At IIITDMK, a new age digital research in order to provide comprehensive growth in a relatively new area of information technology) and a secure environment for faculty, students and representing industry bodies to live in harmony.

The boon and bane of the institution is the location of the Institute. IIITDMK is located at a hill top, named Jagganntha gattu, it has a scenic view and the eco-friendly environment provides peaceful and pollution free atmosphere positively impacting education and research. I took it upon myself to address the issue of providing a secure environment, by speeding up and completing the construction of structural facilities such as hostels and dining hall. The campus is being strategically developed and personnel were hired to provide round the clock security to our students and faculty, in addition to having a doctor on campus from a reputed hospital. Advanced facilities such as having a pharmacy on campus, an ambulance in case of

emergency, providing hygienic and nutritious meals in the mess for students, providing transport assistance are few of the notable short term achievements. I believe this has laid a strong foundation and an ideal blue-print for greater things in the near future.

To address the learning curve, faculty have been hired from reputed institutes (Top National Institutional Ranking Framework - NIRF ranking Institutes and Universities) who have contributed to the surge of synergy in this design oriented ecosystem. The Institute strives to maintain mutually beneficial relationships and partnerships with various industries by hiring individuals associated with reputed industries as visiting faculty. This established a balance between the industrial setting and academics, all the more benefitting the students. These efforts have created a unique place for IIITDMK amongst the 'Institutions of National Importance' and as time progresses, the gaps pertaining to academics will be slowly but surely filled. State-of-the-art Laboratory facilities are operative and cross majors are highly encouraged at our Institute in order to equip the students to progress onwards at a faster rate and gradually decrease the trend of specialization in an individual branch of engineering and make a shift towards a holistic learning and multi-disciplinary expertise as proposed by the NEP 2020.

The Institute's Training and Placement cell, despite having to face difficulties like fewer number of students when compared to other Institutes and the geographical location of the Institute, is competing with already established Institutes with a higher number of students. Overcoming all the odds owing to the dedication, sincerity and combined efforts of the faculty and students alike the placements percentage is increasing steadfastly. The innovative and specifically designed Curricula being taught at IIITDMK is being welcomed by the industrial bodies in the same way as the competitive and hardworking spirit of the students is being appreciated and encouraged.

The teaching and learning process at the Institute is collaborative and synergic. The students are encouraged to take ownership and create efficient models to address the real time issues being faced locally and globally, and offer effective solutions in the field of information technology enabled design and manufacturing. The ideas of the students are brought to life through an innovation centre established in the campus named "Kurnool Innovation Technology and Entrepreneurship (KITE)" in collaboration with industry experts. The fundamental aim of research being carried out at the Institute is to be novel, qualitatively on par with global standards and interdisciplinary. I envision IIITDMK to be a guiding light in the field of Information Technology enabled Design and Manufacturing and will relentlessly endeavour to build the Institute par excellence in all the aspects required.

At IIITDMK we are highly motivated, committed and under a pledge to create a sustainable environment which promotes enhanced nurturing, progressive higher learning and character building of the students. Our motto is to build a better future for our nation through dedicated, confident, positive, skilled and world class intellectuals who by putting in their efforts will lead India to a better dawn.

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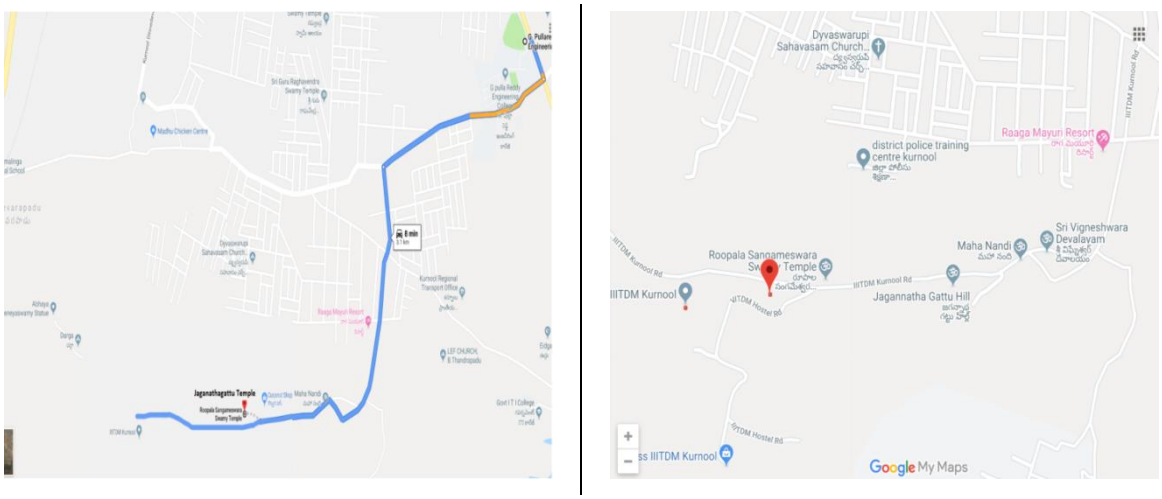
1 INTRODUCTION

Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kurnool is the youngest among the five centrally funded IIITs and was established as part of 'Andhra Pradesh Reorganization Act' in the academic year 2015-16. It is located at the historical city of Kurnool in the Rayalaseema region and has been recognized as an 'Institution of National Importance' by an act of the Parliament. At present, the Institute is functioning from its permanent campus at Jagnnathagattu, Dinnedevrapadu, Kurnool.



Location Map of Indian Institute of Technology, Design and Manufacturing, Kurnool, Andhra Pradesh, India

Existing Campus

Proposed Campus

The campus is being developed in the allocated area of 190 acres for its construction on the hilltop located at Jagnnathagattu, Kurnool city, which is adjacent to the Nandyal – Kadapa highway. The construction was initiated in the year 2016 and is expected to be completed by the year 2022 in all aspects. As a part of this action plan, CPWD has already taken up the construction activity for two hostel blocks to accommodate 350 students and a mess block which is expected to be ready by August 2019. Higher Education Financing Agency (HEFA) has sanctioned an amount of INR 218 crores for ongoing and future construction activities on campus. In this regard an agreement with HEFA and MoU with CPWD were signed on August 30, 2019 and 16th September 2019 respectively.

The Institute has initially started its academic programs through B. Tech. in the streams of Computer Engineering, Electronics and Communication Engineering and Mechanical Engineering. The current intake stands at 180 students per academic year and the total strength is 511 students. Indian Institute of Information Technology, Design and Manufacturing, Kurnool was mentored by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram till February 2019.

Currently 11 regular faculty members, 12 Visiting/Guest/Contract faculty, and 5 non-teaching staff (supporting staff) are catering to the academic and administrative activities of the Institute. All our faculty members are Ph.D. holders from reputed institutes. In addition to providing facilities like medical, house-keeping, security, transportation and other allied services, personnel were hired through an external agency to create a safe and hygienic environment.

2. BOARD OF GOVERNORS

S. No.	Photographs	Description
1	 **Chairperson**	**प्रो.एच.ए.रंगनाथ,** **एमएससी, पीएच.डी., एफएएससीएल, एफएनएएससीएल ,एफएनएआई , एफआईएसईबी** **मैसूर विश्वविद्यालय के प्रतिष्ठित प्रोफेसर (जीवन के लिए)** **(पूर्व कुलपति, बैंगलोर विश्वविद्यालय;** **पूर्व निदेशक, एनएएसी)**
2	 **Member**	श्री सतीश चन्द्र, आईएएस विशेष मुख्य सचिव, एपी सरकार उच्च शिक्षा विभाग आंध्र प्रदेश
3	 **Member**	**Shri Rakesh Ranjan, Ias** **Addl. Charge of IITs/IIITs.** **Department of Higher Education,** **MHRD,** **Govt. of India**
4	 **Member**	**Dr Jaideep Kumar Mishra. Ph.D.** **Joint Secretary and Group Coordinator** **Ministry of Electronics and Information Technology,** **Govt. of India**
5		**Prof. K. N. Satyanarayana, Ph.D.** **Director** **Indian Institute of Technology**

S. No.	Photographs	Description
	Member	**Tirupathi**
6	 **Member**	**Prof. M. Chandrasekhar, Ph.D.** **Director** **Indian Institute of Management** **Vishakhapatnam**
7	 **Member**	**Prof. Banshidhar Majhi, Ph.D.** **Director,** **Indian Institute of Information Technology,** **Design and Manufacturing Kancheepuram**
8	 **Member**	**Shri. Venkata Narasimham Peri** **Founder & CEO** **Cognitive care** **Hyderabad**
9	 **Member**	**Prof. N V Ramana Rao, Ph.D.** **Director,** **National Institute of Technology** **Warangal**
10	 **Member**	**Smt. Sashi Sairaman** **CEO,** **MTAChennai**
11	 **Member**	**Prof. D. Janakiram** **Professor of Computer Science and Engineering** **Indian Institute of Technology** **Madras**
12	 **Member**	**Prof. Aparajitha Ojha, Ph.D.** **Professor of Computer Science & Engineering** **Indian Institute of Information Technology,** **Design and Manufacturing** **Jabalpur**
13	 **Member & Secretary**	**Prof D V L N Somayajulu, Ph.D.** **Director & Registrar I/c** **Indian Institute of Information Technology** **Design and Manufacturing** **Kurnool**

3. ADMINISTRATIVE, ACADEMIC STATUTORY BODIES AND OTHER COMMITTEES:

The different administrative, academic statutory bodies and other committees constituted in the institute are given below :

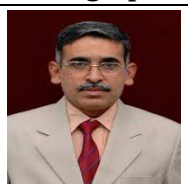
3.1 Finance Committee:

S. No.	Photographs	Description
1	 Chairperson	**Prof. H.A. Ranganath**, M.Sc., Ph.D., FASc., FNASc., FNA., FISEB Distinguished Professor (for life) of University of Mysore (Former Vice Chancellor, Bangalore University; Former Director, NAAC)
2	Member	**Shri. Prashant Agrawal, Director (IIITs)** Dept. of Higher Education Ministry of HRD Government of India Delhi
3	Member	**Shri. Anil Kumar** Director (Finance) Dept. of Higher Education Ministry of HRD Government of India Delhi
4	Member	**Shri. S. Goverdhan Rao** Registrar National Institute of Technology Warangal
5	 Member	**Prof. Y. Narasimhulu, Ph.D.** Director (ASCI) University of Hyderabad Hyderabad
6	 Member	**Prof. D V L N Somayajulu, Ph.D.** Director Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh
7	 Member	**Dr. D. Murali, Ph.D.** Faculty In-charge (Accounts) Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh
8	 Special Invitee	**Shri. A. Chidambaram** Joint Registrar (Accounts) Indian Institute of Information of Technology Design and Manufacturing, Kancheepuram, Tamil Nadu

3.2 Building and Works Committee:

S. No.	Photographs	Description
1	 Chairman	**Prof. D V L N Somayajulu, Ph.D.** Director Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh
2	 Member	**Prof. N. V. Ramana Rao, Ph.D** Director National Institute of Technology Warangal
3	 Member	**Dr. M. Nithyadharan Ph.D.** Dept. of Civil Engineering Indian Institute of Technology Tirupathi
4	 Member	**Prof. T D G Rao, Ph.D.** Dept. of Civil Engineering National Institute of Technology Warangal
5	Member	**Shri. G. Subrahmanyeswara Rao** Executive Engineer, Tirupathi Central Division, Central Public Works Department
6	Member	**Shri. K. Vasudevan** Executive Engineer (Electrical) Vijayawada Division Central Public Works Department
7	 Member	**Dr. K Eswaramoorthy, Ph.D**. Convenor Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh

3.3 Senate:

S. No.	Photographs	Description
1	 Chairman	**Prof. D V L N Somayajulu, Ph.D.** Director Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh
2	 Member	**Prof. N V S N Sarma, Ph.D.** Director IIIT Srirangam Tiruchirappalli
3	 Member	**Prof. P V Madhusudhan Rao, Ph.D.** Department of Mechanical Engineering Indian Institute of Technology Delhi
4	 Member	**Prof. Kamalakar Karlapalem, Ph.D.** Professor International Institute of Information Technology Hyderabad
5	 Invitee	**Dr. Sanjay Kumar Panda, Ph.D.** Head, Dept of Computer Science & Engineering Indian Institute of Information Technology, Design And Manufacturing, Kurnool
6	 Invitee	**Dr. Mohamed Asan Basiri M., Ph.D.** Assistant Professor (Grade-I) & HOD Areas of Interest: VLSI for Signal Processing, VLSI for Information Security (InfoSec).
7	 Invitee	**Dr. M Pulla Rao, Ph.D.** Head, Dept of Mechanical Engineering Indian Institute of Information Technology, Design And Manufacturing, Kurnool
8	 Member	**Dr. D. Murali, Ph.D.** Faculty In-charge (Accounts) Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh

S. No.	Photographs	Description
9	 Member	**Dr. K Eswaramoorthy, Ph.D**. Convenor Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh
10	 Member	**Prof. P. Shankar, Ph.D.** Dept. of Electrical Engineering, Indian Institute of Technology Delhi
11	 Member	**Prof. C Krishna Mohan, Ph.D.** Dept of Computer Science & Engineering Indian Institute of Technology Hyderabad
12	 Member	**Prof. A Venu Gopal, Ph.D.** Professor of Mechanical Engineering National Institute of Technology Warangal
13	 Member	**Prof. V N Sastry, Ph.D.** Professor Industrial Development and Research in Banking Technology Hyderabad
14	 Member	**Prof. Vijay Kumar Gupta, Ph.D.** Professor of Mechanical Engg. Indian Institute of Information Technology, Design And Manufacturing, Jabalpur
15	 Member	**Prof. R B V Subramanyam, Ph.D.** Professor of CSE National Institute of Technology Warangal
16	 Member	**Dr. P Anjaneyulu, Ph.D.** Infosys Technologies Ltd. Bangalore

S. No.	Photographs	Description
17	 Member	**Dr N Saratchandra Babu, Ph.D.** Director SET Labs Chennai
18	 Member	**Smt. Deepthi Lakkaraju** Director Qualcomm Hyderabad
19	 **Secretary**	**Prof. D V L N Somayajulu, Ph.D.** Director Indian Institute of Information Technology Design and Manufacturing Kurnool, Andhra Pradesh

3.4 Anti-Ragging Committee:

1	Chairperson	Prof. DVLN Somayajulu, Director, IIITDM, Kurnool
2	Convenor	Prof. DVLN Somayajulu, Registrar I/C, IIITDM, Kurnool
3	Co-ordinator	Dr. Akhtar Khan, Assistant Professor, IIITDM Kurnool
4	Co-ordinator	Dr. B. Satya Sekhar, Assistant Professor, IIITDM Kurnool
5	Member	Dr. D. Murali, Assistant Professor, IIITDM Kurnool
6	Member	Dr. Sanjaya Kumar Panda, Assistant Professor, IIITDM Kurnool
7	Member	Dr. Nitin Singh Singha, Assistant Professor, IIITDM Kurnool
8	Member	Dr. Pullarao Muvvala, Assistant Professor, IIITDM Kurnool
9	Member	Dr. K.V. Eswaramoorthy, Assistant Professor, IIITDM, Kurnool
10	Member	Dr. Ravinder Katta, Assistant Professor, IIITDM Kurnool
11	Member	Dr. Situ Rani Patre, Assistant Professor, IIITDM Kurnool
12	Member	Dr. Mohamed AsanBasiri M, Assistant Professor, IIITDM Kurnool
13	Member	Dr.Renjith P, Assistant Professor, IIITDM Kurnool
14	Member	Dr.Srilakhmi R, Assistant Professor, IIITDM Kurnool
15	Member	One Representative from District Admin
16	Member	One Representative from Police Admin
17	Member	One Representative from Local Media
18	Student Member	Mr. Piyush Raote
19	Student Member	Ms. Divya Srivastava

3.5 Internal Complaints Committee (ICC) under Sexual Harassment of Women at Workplace

1	Chairperson	Dr. Situ Rani Patre, Assistant Professor, IIITDM, Kurnool
2	Member	Dr. R Srilakshmi, Assistant Professor, IIITDM, Kurnool
3	Member	Ms. Pranava Devi, IIITDM Kurnool
4	External Member	Dr. A Vimala Rodhe, Head, Microbiology, Silver Jubilee College
5	Member	Dr. Akhtar Khan, Assistant Professor, IIITDM, Kurnool

4. FACULTY DETAILS

4.1 Teaching Staff:

a) Department of Computer Science & Engineering:

S. No.	Photographs	Description
1		**Dr. D.V.L.N. Somayajulu, (Ph.D., IIT Delhi)** Professor & Director Areas of Interest: Databases, Information Extraction, Query Processing, Big Data and Privacy
2		**Dr.Renjith P. (Ph.D., IIITDM Kancheepuram)** Asst. Professor Areas of Interest: Graph Theory, Graph Algorithms
3		**Mr. Saya Sreenivasulu (Ph.D., IIT Madras)** **Visiting faculty from Industry** Areas of Interest : Computer organization architecture and practice
4		**Dr. V C V Rao (Ph.D (CSE)** **Visiting faculty from Industry** Areas of Interest : Computer organization architecture

b) Department of Electronics & Communication Engineering

S. No.	Photographs	Description
1		**Dr. Mohamed Asan Basiri (Ph.D., IIITDM Kancheepuram)** Asst. Professor Areas of Interest: VLSI for Signal Processing, VLSI for Information Security
2		**Dr.Eswaramoorthy K V (Ph.D., IISc Bangalore)** Asst. Professor Areas of Interest: Non-invasive monitoring of body fluids, Electrochemical biosensor and gas sensor, Biomedical Instrumentation & Industrial Automation, Internet of Things (IoT) for Agriculture, manufacturing industry and Smart City
4		**Dr. Situ Rani Patre (Ph. D., IIT(BHU), Varanasi)** Asst. Professor Areas of Interest: Broadband, UWB, Frequency Independent Antennas, Reconfigurable and MIMO Techniques, Metasurfaces, RF Energy Harvesting.
5		**Dr.Debajit De (Ph.D., NIT Rourkela)** Asst. Professor (On Contract) Areas of Interest: Microstrip & Planner Antenna Design, Antenna Theory and Techniques, Microwave Engineering, Radio Frequency Circuit Design, Electro-magnetic and RF MEMS.
6		**Dr. Jayaram Reddy, M.K. (Ph.D., NITK, Surathkal)** Ad-Hoc Faculty Areas of Interest: Analog and Mixed signal circuit design

c) Department of Mechanical Engineering:

S. No.	Photographs	Description
1		**Dr. J. Krishnaiah (Ph.D., IIT Kharagpur)** Associate Professor Areas of Interest: Applied Research and Development on data-driven systems to support industrial / business requirements in modeling, controlling and optimization based on Predictive Modeling, Advanced Control Techniques, Nontraditional Optimization, Pattern Recognition, Data mining, Information Retrieval, Document Classification, Analytics, Segmentation, Clustering & Classification, Image Processing, Handwritten/Optical Character Recognition.

S. No.	Photographs	Description
2		**Dr. Pullarao Muvvala (Ph.D., IIT Madras)** Asst. Professor & HoD Areas of Interest: Heat Transfer and Fluid Flow (Experimental and Computational), Electronic cooling, Optimization studies
3		**Dr.Maniprakash S (Ph.D., TU Dortmund, Germany)** Asst. Professor Areas of Interest:Continuum Mechanics, Constitutive Modelling, Smart Materials
4		**Dr. Akhtar Khan (Ph.D., NIT Rourkela)** Asst. Professor **Areas of Interest:** Machining of "difficult-to-cut" materials, Machine Tool Technology, Optimization Methods in Engineering Design (Single and Multi-Objective), Design of Experiments, Multi-Criteria Decision Making.
5		**Dr. R. Srilakshmi (Ph.D., IIT Hyderabad)** Asst. Professor (On Contract) Areas of Interest: Finite element analysis, Damage mechanics of composites, Computational Fracture mechanics.
6		**Dr. C. Chandrasekhara Sastry, Ph.D. (Anna University CEG, Chennai)** Temporary Faculty Areas of Interest: Conventional Machining; Non Traditional Process: Thrust area: AWJM, EDM, ECM, EBM; Nano Composite Coating; Mechanical Strengthening Mechanisms; Additive Manufacturing; Peening (Laser/Shot); Flux Machining.
7		**Dr. R. Seetharam Ph.D. (Mechanical Engineering)** Ad-Hoc Faculty Areas of Interest : Manufacturing Technology, Design for quality and reliability, Mechanical Engineering
8		**Mr. Z. Shanti Kiran** Temporary Faculty Areas of Interest : Manufacturing Technology, Design for quality and reliability, Mechanical Engineering, CAD/CAM Design, Material Science

d) Department of Sciences:

S. No.	Photographs	Description
1		**Dr. D. Murali (Ph.D., IGCAR, Kalpakkam)** Asst. Professor & HoD Areas of Interest: Computational condensed matter, ab-initio electronic structure calculations, Photovoltaic effect in perovskite based solar cells, phonon transport, solid oxide fuel cells, nanostructure evolution in structural materials
2		**Dr. Ravinder Katta (Ph.D., IIT Roorkee)** Asst. Professor Areas of Interest: Mathematical Control Theory, Inverse Problems, Ill posed operator equations and Regularization Theory.
3.		**Dr. Buchepali Venkateswarlu, Ph.D. (Physics, IIT Madras)** Ad-Hoc Faculty Areas of Interest : Electromagnetics Theory
4		**Dr. Satya Kamal Chirauri (Ph.D., Adikavi Nannaya University, Rajamahendravaram/BARC Mumbai)** Ad-Hoc Faculty Areas of Interest : Solid State Devices
5		**Dr. Pappu Kousalya, Ph.D. (Mathematics, JNTUK Kakinada)** Visiting Faculty Areas of Interest: Probability Theory, Design for Quality and Reliability

4.2 Non-teaching Staff Details:

1 **Shri. E. Venkateswarlu**

Network Administrator (On Contract)

2 **Shri. Vijayanand**

Consultant Civil Engineer (on contract)

5 RESEARCH AND DEVELOPMENT ACTIVITIES

5.1 Journal Publications

IIITDMK is inclined towards research and encourages its faculty to participate actively in their research work in addition to their teaching responsibilities. The list of journal publications and conferences attended by the faculty of this institute during the academic year 2019-20 is as follows:-

Journal Publications:

1. Fathimabi, Shaik, R. B. V. Subramanyam, and **D. V. L. N. Somayajulu**. "MSP: multiple sub-graph query processing using structure-based graph partitioning strategy and map-reduce." Journal of King Saud University-Computer and Information Sciences 31, no. 1 (2019): 22-34.

2. Bhushan, R. P., **Somayajulu, D. V. L. N.,** Venkatraman, S., & Subramanyam, R. B. V. (2019). A raster data framework based on distributed heterogeneous cluster. Journal of the Indian Society of Remote Sensing, 47(4), 715-723.

3. Lingam, G., Rout, R. R., & **Somayajulu, D. V.L.N.** (2019). Adaptive deep Q-learning model for detecting social bots and influential users in online social networks. Applied Intelligence, 49(11), 3947-3964.

4. Sree, R. P., **Somayajulu, D. V. L. N.**, & Ravichandra, S. (2020). A Novel Approach for Mining Time and Space Proximity-based Frequent Sequential Patterns from Trajectory Data. Journal of Information & Knowledge Management (JIKM), 19(04), 1-23.

5. Bhattu, S. N., Nunna, S. K., **Somayajulu, D. V. L. N.**, & Pradhan, B. (2020). Improving Code-mixed POS Tagging Using Code-mixed Embeddings. ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP), 19(4), 1-31.

6. **Mohamed Asan Basiri M** and Sandeep K. Shukla, "LFSR based Versatile Divider Architectures for BCH and RS Error Correction Encoders", Microprocessors and Microsystems, Elsevier, vol. 71, pp. 1-18, Sep. 2019.

7. **Mohamed Asan Basiri M**, "Efficient VLSI Architectures of Lifting based 3D Discrete Wavelet Transform", IET Computers and Digital Techniques, vol. 14, issue no. 6, pp. 247-255, Oct. 2020.

8. **Seetharam, R.**, SK Kanmani Subbu, and M. J. Davidson. "Modeling flow behavior of sintered Al–4% B4C composite during high–temperature upsetting." Materials Research Express 6.12 (2020): 1265f1.

9. Hariharan, K., **C. Chandrasekhara Sastry**, M. Padmanaban, and M. Gideon Ganesh, "Experimental investigation of bioceramic (Hydroxyapatite and Yttrium stabilized zirconia) composite on Ti6Al7Nb alloy for medical implants", Materials and Manufacturing Processes, vol. 35, issue no. 5, pp.521-530, Jan. 2020.

10. Rajamanickam, S., J. Prasanna, and **C. Chandrasekhara Sastry**, "Analysis of high aspect ratio small holes in rapid electrical discharge machining of superalloys using Taguchi and TOPSIS", Journal of the Brazilian Society of Mechanical Sciences and Engineering, vol. 42, issue no. 2, Jan. 2020.

11. **Akhtar Khan**, Kalipada Maity, "Estimation of optimal cutting conditions during machining of CP-Ti grade 2 in fuzzy–VIKOR context" Grey Systems: Theory and Application, vol. 10, issue no. 3, pp. 293-310, March 2020.

12. **Chirauri Satya Kamal**, K. Srinivasu, B. V. Naveen Kumar, Putra Kumar Balla, R. David Kumar Swamy, and K. Ramachandra Rao, "Optical Insights of Indium-doped β–Ga2O3 Nanoparticles and its Luminescence Mechanism", Journal of Materials Science: Materials in Electronics, vol. 31, pp. 6185–6191, March 2020.

13. K Kaur, **D Murali**, BRK Nanda, "Stretchable and dynamically stable promising two-dimensional thermoelectric materials: ScP and ScAs", Journal of Materials Chemistry A, vol no. 7, issue no. 20, pp. 12604-12615, 2019.

14. L Kola, **D Murali**, S Pal, BRK Nanda, P Murugavel, "Enhanced bulk photovoltaic response in Sn doped BaTiO3 through composition dependent structural transformation", Journal of Applied Physics Letters, vol no. 114, issue no. 18, pp. 183901, 2019.

15. AB Swain, **D Murali**, BRK Nanda, P Murugavel, "Large Bulk Photovoltaic Response by Symmetry-Breaking Structural Transformation in Ferroelectric [Ba (Zr 0.2 Ti 0.8) O 3] 0.5 [(Ba 0.7 Ca 0.3) Ti O 3] 0.5", Journal of Physical Review Applied, vol no.11, Issue no. 4, pp. 044007, 2019.

16. N Raja, **D Murali**, SVM Satyanarayana, M Posselt , "First principles calculations of the thermodynamic stability of Ba, Zr, and O vacancies in BaZrO3", Journal of RSC advances, vol no. 9, Issue no. 59, pp. 34158-34165, 2019.

5.2 Conference Publications:

1. Bhushan, R. P., **Somayajulu, D. V. L. N.,** Venkatraman, S., & Subramanyam, R. B. V. (2019, March). Data aware distributed storage (das) for performance improvement across a hadoop commodity cluster. In International Conference on Emerging Trends in Engineering (pp. 350-357). Springer, Cham.

2. Lingam, G., Rout, R. R., & **Somayajulu, D. V.L.N.** (2019, July). Deep Q-learning and particle swarm optimization for bot detection in online social networks. In 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.

3. Kanchibhotla, C., Venkatesh, P., & **Somayajulu, D.V.L.N.** (2019, December). An Efficient Cloud-Based Framework for Digital Media Knowledge Extraction. In 2019 IEEE International Conference on Big Data (Big Data) (pp. 1841-1850). IEEE.

4. Sristy, N. B., Nunna, S. K., **Somayajulu, D. V. L. N.**, & Kumar, N. N. (2019, December). Convex vs Convex-Concave Objective for Rare Label Classification. In International Conference on Mining Intelligence and Knowledge Exploration (pp. 42-51). Springer, Cham.

5. **Mohamed Asan Basiri M**, "Flexible Adaptive FIR Filter Designs Using LMS Algorithm", 23 rd International Symposium on VLSI Design and Test (VDAT), Communications in Computer and Information Science, Springer, vol. 1066, pp. 61-71, July 2019, IIT Indore, India.

6. **Mohamed Asan Basiri M**, "Asynchronous Hardware Design for Floating Point Multiply-Accumulate Circuit", 23 rd International Symposium on VLSI Design and Test (VDAT), Communications in Computer and Information Science, Springer, vol. 1066, pp. 247-257, July 2019, IIT Indore, India.

7. Hariveer Inumarty and **Mohamed Asan Basiri M**, "Reconfigurable Hardware Design for Polynomial Galois Field Arithmetic Operations", 24 th IEEE International Symposium on VLSI Design and Test (VDAT), pp. 1-5, July 2019, IIT Bhubaneswar, India.

5.3 Sponsored Research Projects

The research project entitled, **"**Engineering of High Performance Signal Processing Elements for Real-time Infrastructure**"** is being done by Dr. Mohamed Asan Basiri M as PI. The research grant for this project is Rs. 28 Lakhs by SRG-SERB, DST, GoI. The duration of this project is from Jan 2020 to Jan 2022. Faculty members at IIITDMK have applied for several other research projects and have been shortlisted for the same.

5.4 Research Guidance

Doctoral (Ph.D.) programme registrations have been carried out successfully, and quality research is given importance addressing industrial problems in Mechanical, Electronics and Computer Science Divisions.

5.5 Innovation

An Innovation centre has been established in the month of April 2019. The Vision of this centre is to build an academic and research eco system with an innovative mind-set, for creating industry-ready professionals, entrepreneurs, and researchers in inter-disciplinary environments. The Mission is to focus on Innovative design and smart manufacturing of the products for the industry specifically and society at large by leveraging innovation in emerging technologies.

As per the Institute's Vision and Mission, the Innovation road map was laid down soon after a brain storming session among the stake holders and with assistance from Industry expert(s). The following FOUR Objectives were identified:

i) **First Objective** is to trigger the innovative mindset among the Faculty and Students to explore beyond the Curriculum and Syllabus. Talks by experts and Workshops are to be organised towards realizing this goal.

ii) **Second Objective** is to set up a Centre of Excellences (CoEs) in the emerging areas such as Industry 4.0, IoT, and Electric Vehicles. In order to provide support and assistance for the same, Technical training in these respective topics are to be arranged by bringing in Industry experts as per the plan. Teams are to be formed in each of these CoEs to bring all the stake holders onto one platform and preparing them to address the Industry needs and problems.

iii) **Third Objective** is to use CoE as strong foundation, to set up Research & Consulting group in order to take up the challenging Research and Development (R&D) work. Two MoUs were signed towards realizing this goal.

iv) **Fourth Objective** is to set up Technology Incubation & Entrepreneurship (TIE) centre in the campus for the students to experience Entrepreneurship mind set and mould them to be successful entrepreneurs in the immediate future and contribute to nation building.

IIITDMK is planning to set up a TIE Centre by seeking support from MeitY as part of TIDE 2.0 Program. In addition, the Institute has identified a dedicated Faculty-in-Charge, to work towards connecting with the Industry and implement all the above four Goals strategically, by leveraging the strengths of the Faculty and Students.

5.6 Campus Development: Building/Construction/Expansion

The extension of the academic block was carried out to accommodate all the laboratories. The hostel facility for boys and girls including furnishing was completed on priority basis to accommodate all the students on campus. Keeping in mind the security of the faculty and students security personnel were hired. A hill top dining hall was inaugurated for serving nutritious food, with ample space for kitchen and dining facility. Construction of roads, drain pipes, lights for pathway was carried out under bulk services. Further construction activities are being carried out, to develop a full-fledged eco friendly campus.

Vertical Extension of Laboratory block - Academic and Admin Block

Boys Hostel – After Completion

Boys Hostel – Entrance View, Room Interior

Girls Hostel – After Completion

Dining Block-Top view

Dining Block – South East View

Dining Block – Dining Hall

Kitchen

Bulk Services – Construction of Roads

Bulk Services – Construction of Roads

Bulk Services – pipes for drain water

Bulk Services – Construction of Roads

Bulk Services – Construction of Roads

Bulk Services – street lights

6. ACADEMIC PROGRAMMES:

This section provides details about the various undergraduate B. tech programmes being offered at the Institute, along with their year wise Enrolment and their ratio in terms of sex, caste and other criteria.

6.1 Bachelor's Programmes

6.1.1 B. Tech in computer engineering

B. Tech. in Computer Science Engineering curriculum is modelled by considering the ACM (Association for Computing Machinery) recommendations. This programme is aimed at producing engineers equipped with skills required for efficient hardware-software interaction. The programme encompasses a variety of topics related to computation, analysis of algorithms, programming languages, program design, software, and computer hardware. In addition to courses offered by the conventional Computer Science curriculum, this novel program offers core courses such as Embedded Systems, Human-Computer Interaction, Simulation and Modelling, Signals and Systems, Product Design, etc., that equip the students in both computing and electronics related engineering skills that are actually required for the successful creation of products requiring hardware – software interactions. Our graduates would encounter a wide scope in VLSI, Embedded Systems and Electronics Product Manufacturing related industries in addition to application development avenues and higher studies that are open to conventional Computer Science engineers.

6.1.2 B. Tech in electronics and communication engineering with specialization in design and manufacturing

Today's electronic product design and development requires skilful blend of expert hardware and software engineering together with a spirit of creativity and innovation that is also tempered by the practical concerns of manufacturability, cost consciousness and reliability. The Electronics and Communication Engineering with specialization in Design and Manufacturing curriculum is designed to provide advanced theoretical and practical training of all aspects relevant to the design, development, and production of modern electronic systems and subsystems. The Electronics and Communication Engineering with specialization in Design and Manufacturing (EDM) program prepares a student for a wide range of engineering study and career options, including business, Biomedical Engineering, Computer Hardware, Aerospace Industry, Computer Software, Nanoelectronic chips, Photonics, Nanoengineering, Robotics, and Solar Energy Harvesting and Distribution.

6.1.3 B. Tech in mechanical engineering with specialization in design and manufacturing

Mechanical Engineering with specialization in Design and Manufacturing (MDM) offered by IIITDM Kurnool augments the existing Mechanical Engineering curricula offered by IITs by offering design courses on conceptualization, visualization, and engineering simulations. Equipped with well-structured instruction and learning resources and research facilities, the institute aims to disseminate education in the inter-disciplinary areas of design and manufacturing engineering.

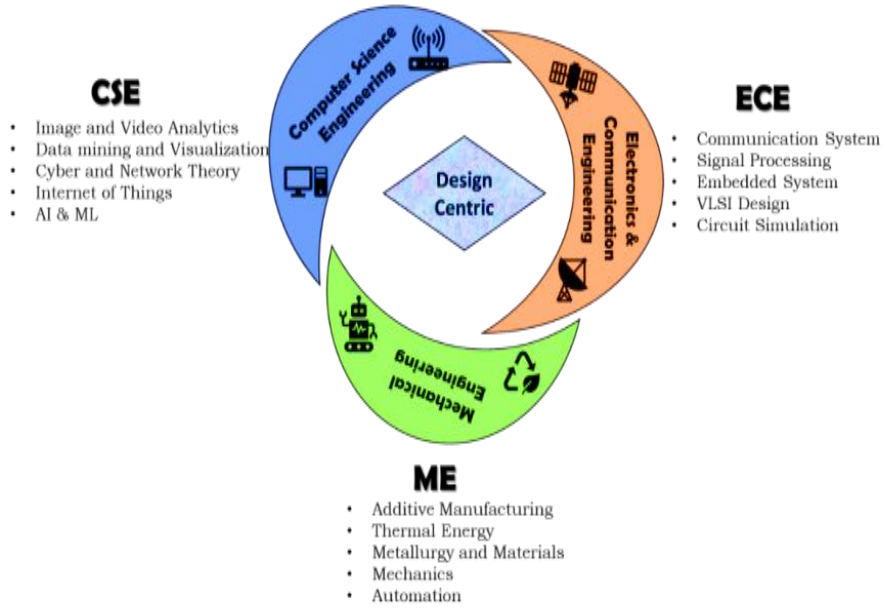
Design visualization imparted through graphic art practice and product design practice enables students to conceptualize, design, simulate and develop tangible products. Students are exposed to interdisciplinary courses such as embedded systems, instrumentation, controls, automation and advanced manufacturing technology that will help them to design and develop innovative engineering products. Students can choose courses from among the electives and pursue their interests. The

program offers a blend of courses that impart knowledge on design thinking and interdisciplinary engineering in addition to basic sciences.

The institute has started two undergraduate programmes initially, and later another undergraduate program has been introduced with an intake of 50 students. The following are the details of the programmes offered in the academic year 2019-20.

S. No.	Name of the Undergraduate Programme	Starting Year	Current Sanctioned Intake (2019-20)
1	B. Tech. in Computer Engineering	2015	50
2	B. Tech. in Electronics and Communication Engineering with specialization in Design and Manufacturing	2015	50
3	B. Tech. Mechanical Engineering with specialization in Design and Manufacturing	2016	50

The following figure gives an overview of the theme of all the three undergraduate programmes being offered at this institute:



Theme of Undergraduate Programmes

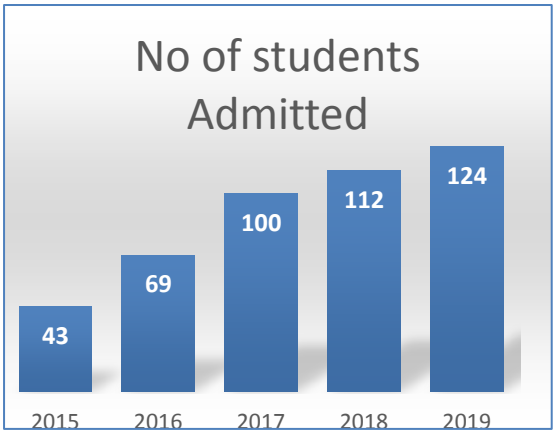
7. STUDENTS AND SCHOLARSHIP DETAILS

7.1 Admission Details

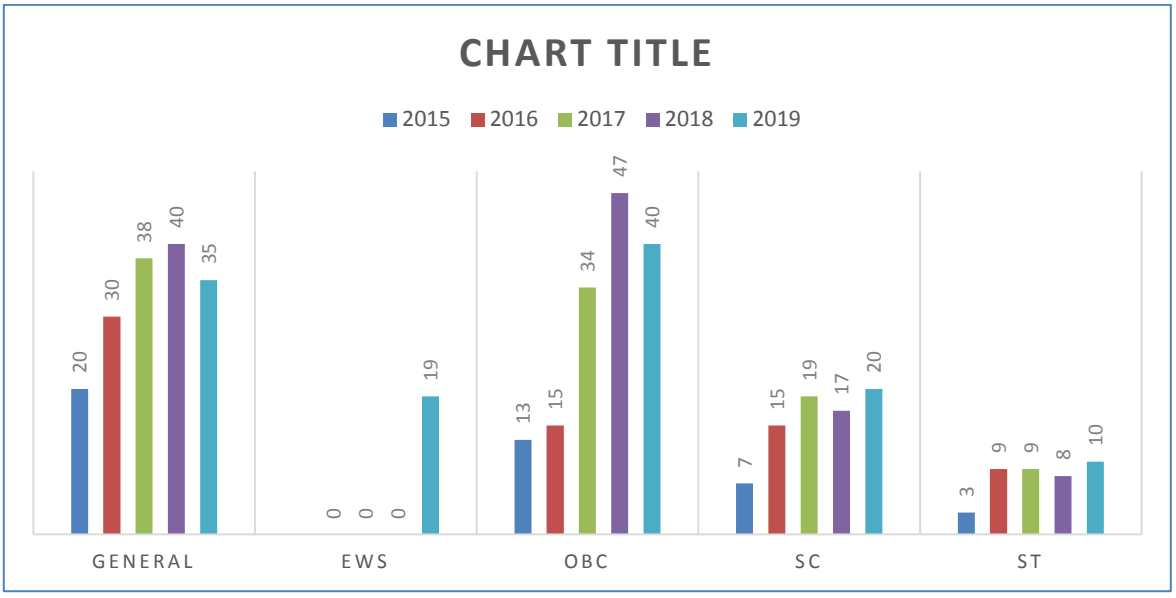
This section provides details such as the admission statistics, student's total strength, scholarships/monetary assistance and examination results. The ratio of students in various categories such as sex, reservation and other relevant details are provided below:

Students Admitted to UG programmes		
S.No	Batch	No of students Admitted
1	2015	43
2	2016	69
3	2017	100
4	2018	112
5	2019	124
Total No of Students		448

Graphical representation



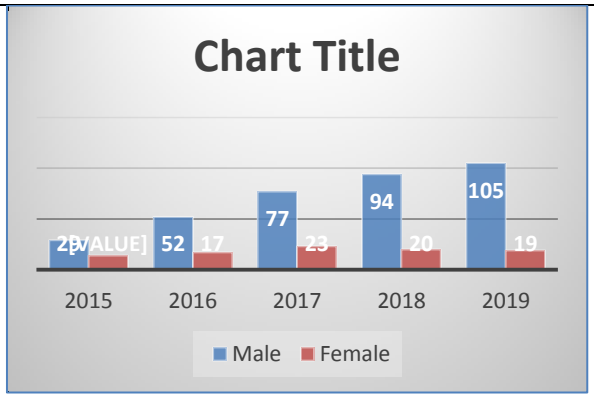
Category wise Statistics						
SI. No	Batch	General	EWS	OBC	SC	ST
1	2015	20		13	7	3
2	2016	30	---	15	15	9
3	2017	38	---	34	19	9
4	2018	40	---	47	17	8
5	2019	35	19	40	20	10
Total		143	19	136	71	36



Graphical Representation of GEN, OBC, SC and ST

Gender wise Statistics	Graphical Representation

SI. No	Batch	Male	Female
1	2015	29	14
2	2016	51	18
3	2017	77	23
4	2018	92	20
5	2019	105	19
Total		325	80



7.2 Scholarships

7.2.1 Scholarships for SC/ST /OBC/PWD/GEN students

Since the Institute's inception, necessary measures have been taken to fill up the seats reserved for SC/ST /OBC/PWD/GEN candidates. In order to achieve the goal of filling up the complete quota of the students at the Institute, initiatives like fee concession in case of payment for registration and relaxing the minimum eligibility requirements in admissions were taken up.

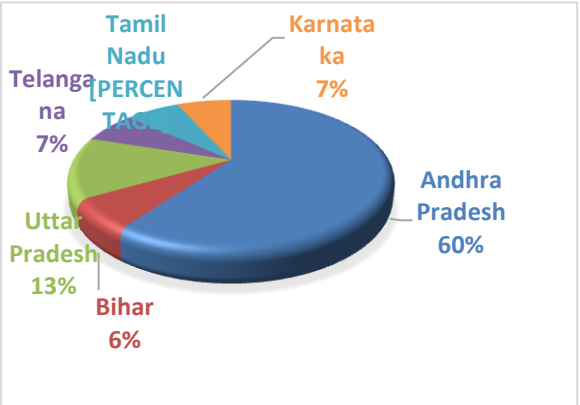
7.2.2 Scholarship details

Tuition fee for all the admitted students belonging to SC/ST community is waived off. Also, students from economically weaker backgrounds of the SC/ST community, '**Institute scholarship'** was provided, under which hostel seat rent was waived off along with free mess facility (basic menu only). A monthly pocket allowance of Rs. 250/- was given to those students whose parents' annual income is less than or equivalent to Rs.4,50,000/-.

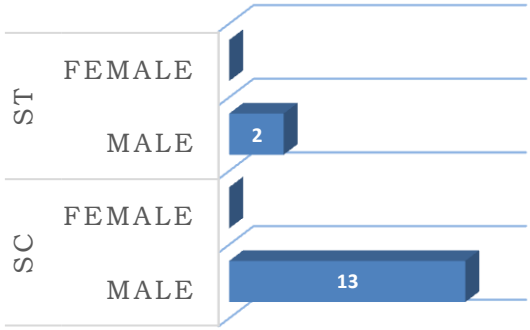
Following are the details of beneficiaries from the 'Institute scholarship' for SC/ST students in the Academic Year 2019-2020.

Table 7.1 Institute Scholarship details

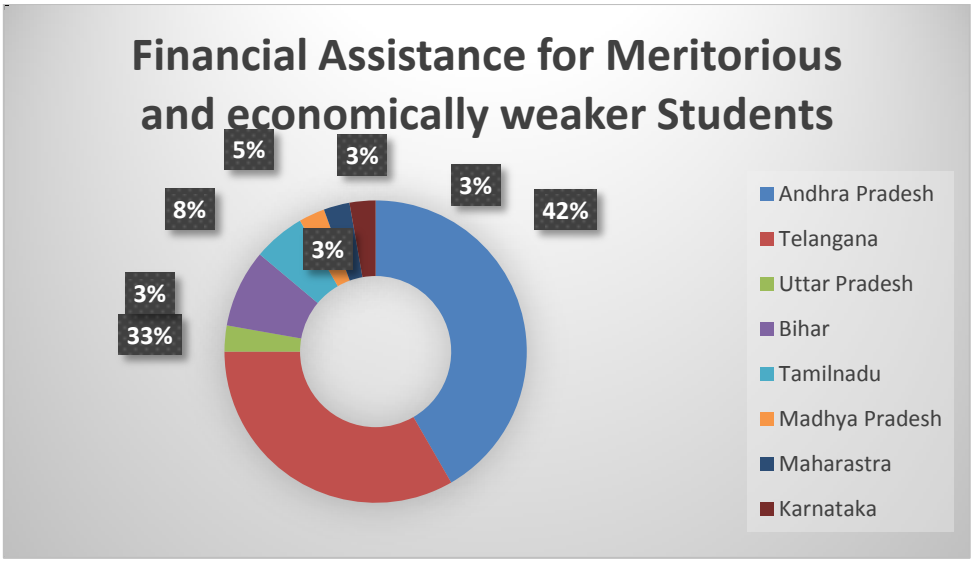
S. No.	Scholarship Name	SC		ST		PWD		OBC		GEN	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1.	Institute Scholarship for SC/ST needy students	13	0	2	0	0	0	0	0	0	0
2.	Financial Assistance Scheme for Meritorious and Needy Students (Merit cum Means Scholarship)	0	0	0	0	0	0	16	3	15	2

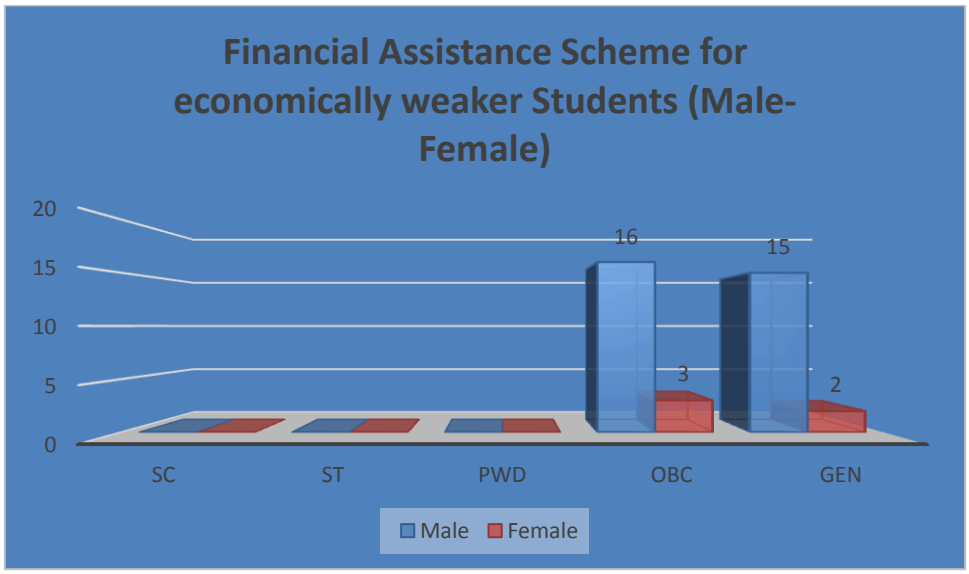


Institute SC/ST Scholarship demography



Institute SC/ST Scholarship (Male - female)

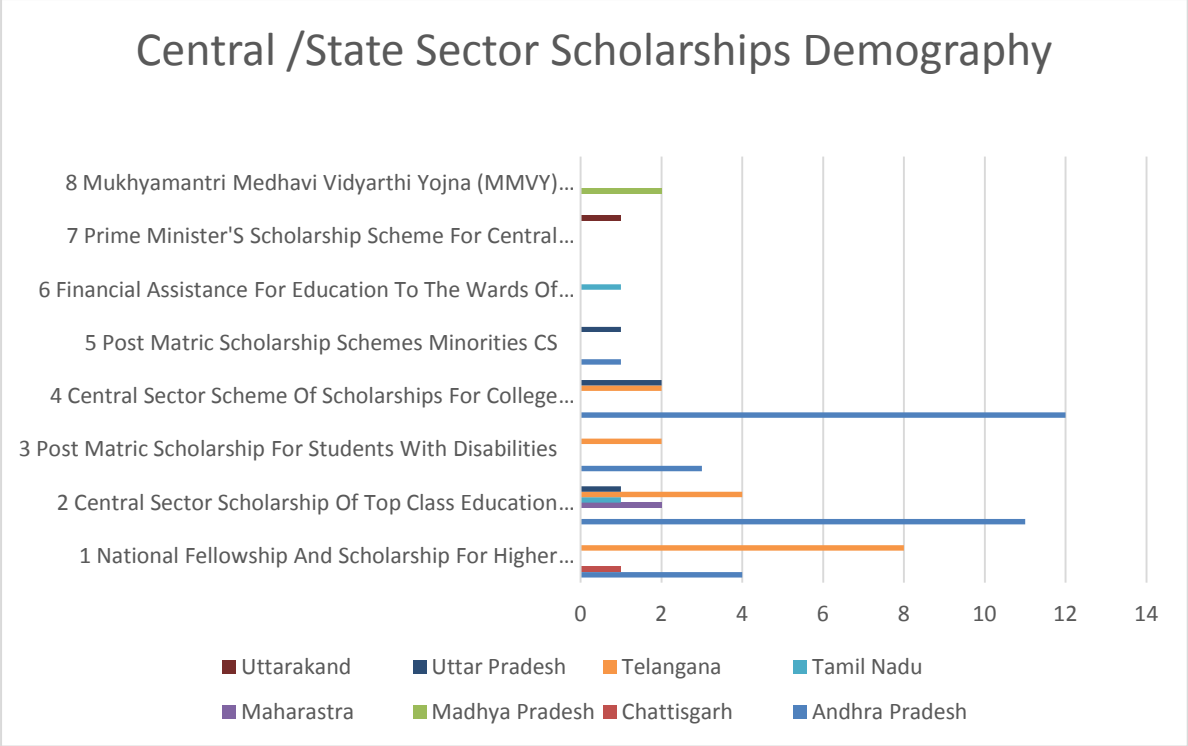


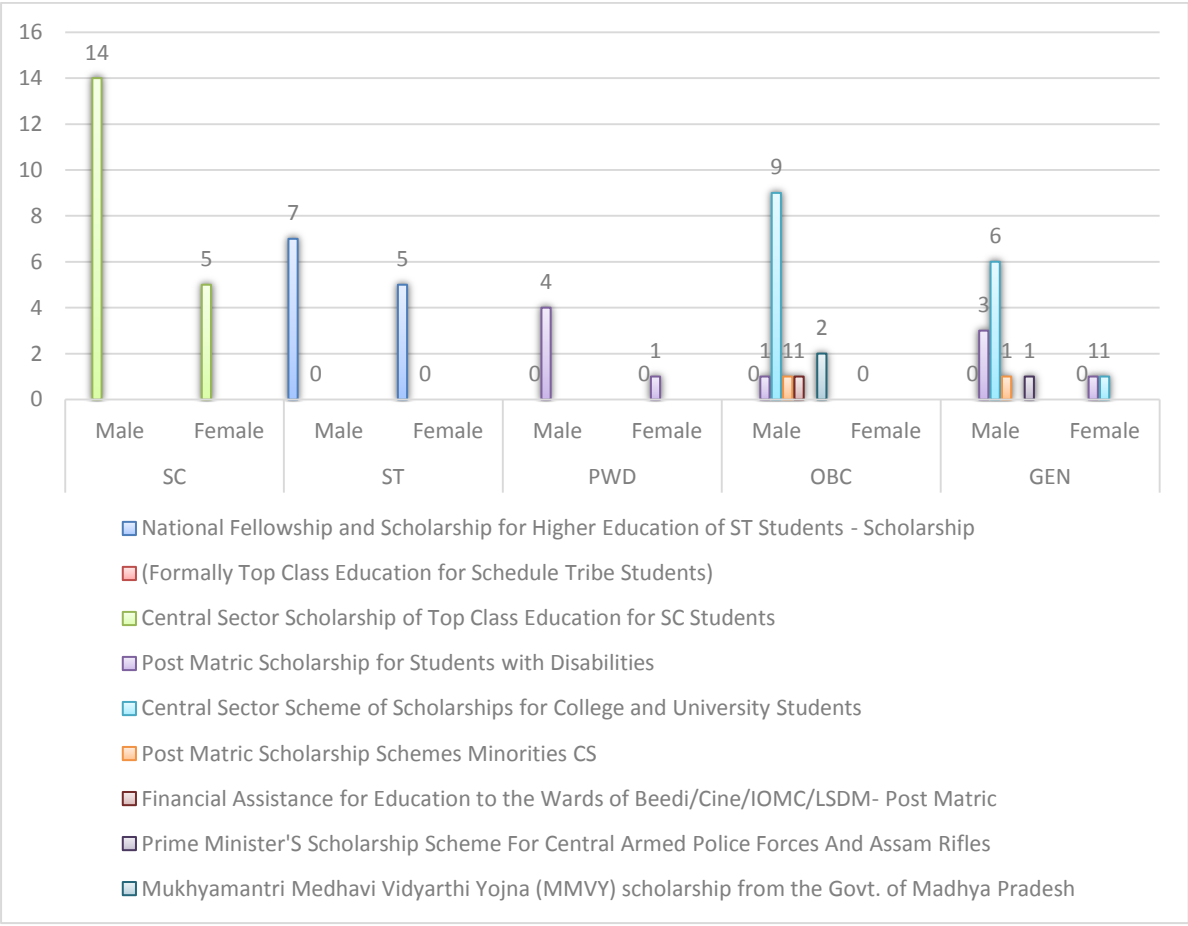


The Institute has put in the required efforts for implementing central sector scholarship schemes for SC/ST /OBC/PWD/EWS students. The details are given in the Table 7.2.

Table 7.2 Central Sector Scholarships sanctioned for IIITDM Kurnool students

S. No.	Name of the Central Sector Scholarship Scheme	Number of Students to whom scholarship was sanctioned	SC		ST		PWD		OBC		GEN	
			M	F	M	F	M	F	M	F	M	F
1.	National Fellowship and Scholarship for Higher Education of ST Students - Scholarship (Formally Top Class Education for Schedule Tribe Students)	12	0	0	7	5	0	0	0	0	0	0
2.	Central Sector Scholarship of Top Class Education for SC Students	19	14	5	0	0	0	0	0	0	0	0
3.	Post Matric Scholarship for Students with Disabilities	5	0	0	0	0	4	1	1	0	3	1
4.	Central Sector Scheme of Scholarships for College and University Students	16	0	0	0	0	0	0	9	0	6	1
5.	Post Matric Scholarship Schemes Minorities CS	2	0	0	0	0	0	0	1	0	1	0
6.	Financial Assistance for Education to the Wards of Beedi/Cine/IOMC/LSDM-Post Matric	1	0	0	0	0	0	0	1	0	0	0
7.	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	1	0	0	0	0	0	0	0	0	1	0
8.	Mukhyamantri Medhavi Vidyarthi Yojna (MMVY) scholarship from the Govt. of Madhya Pradesh	2	0	0	0	0	0	0	2	0	0	0





The Institute has put in the required efforts to facilitate the sanctioning of State Government scholarships offered by various States for the benefit of the students.

7.3 Student Placements

The student placements were carried out successfully, even at the time of this pandemic. The placement cell has worked efficiently and managed to place eligible students through offline and online mode. The average package offered was 6.59 Lakhs per annum and highest package was 30 Lakhs per annum.

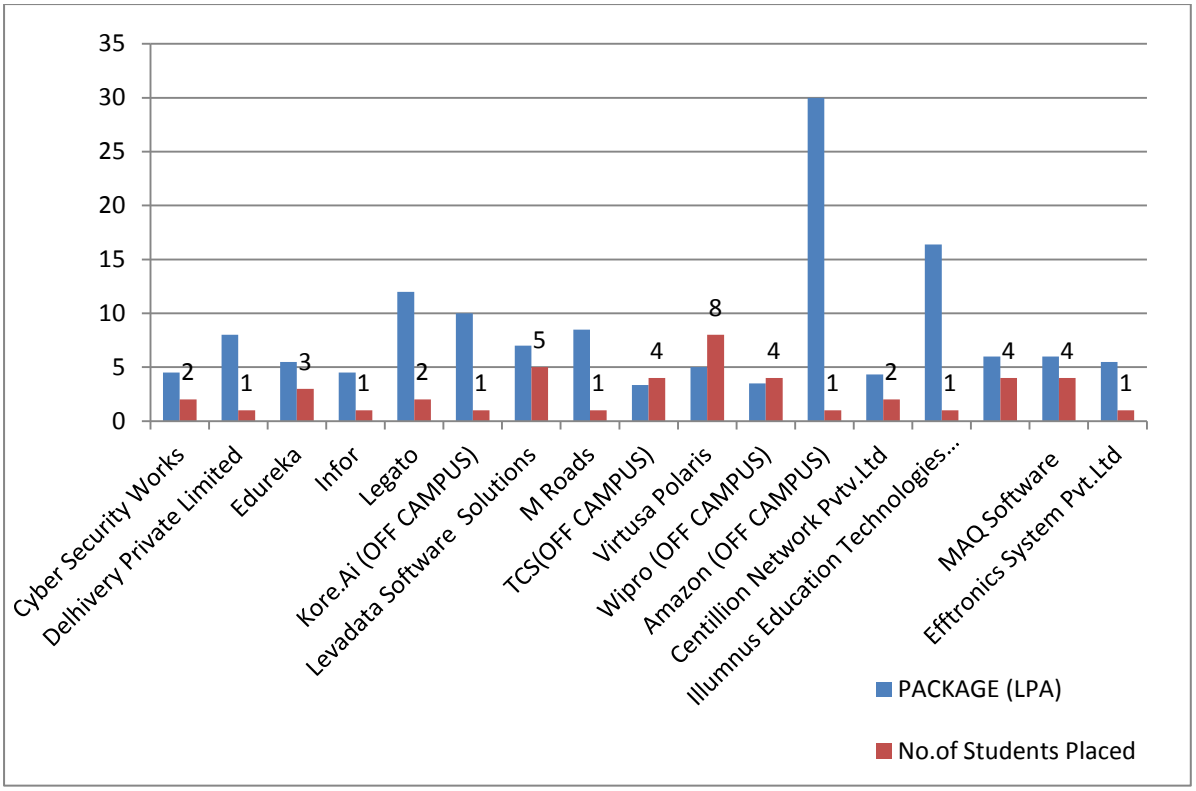
The detailed statistics of the placements secured through Placement Cell, IIITDM Kurnool is for the academic year 2019-2020 is given below:-

S. No	Name of The Company	Job Role	No. Of Students Placed	Package (LPA)
1	Amazon (OFF CAMPUS)	Software Development Engineer	1	30
2	Illumnus Education Technologies Pvt.Ltd	Mobile Developer	1	16.4
		Data Scientist	4	6
3	Legato	Artificial Intelligence Engineer	2	12
4	Kore.Ai (OFF CAMPUS)	Associate Software Engineer	1	10
5	M Roads	Associate Data Scientist	1	8.5
6	Delhivery Private Limited	Back end Developer	1	8
7	Levadata Software Solutions	Associate Engineer	5	7
8	MAQ Software	Associate Engineer	4	6
9	Edureka	Software Engineer	3	5.5
10	Efftronics System Pvt. Ltd	Trainee Engineer	1	5.5
11	Virtusa Polaris	Engineer Technology	8	5
12	Infor	Business Analyst	1	4.5
13	Cyber Security Works	Security Analysts	2	4.5
14	Centillion Network Pvt. Ltd	Trainee Engineer	2	4.32
15	Wipro (OFF CAMPUS)	Project Engineer	4	3.5
16	TCS (OFF CAMPUS)	Assistant System Engineer Trainee	4	3.36

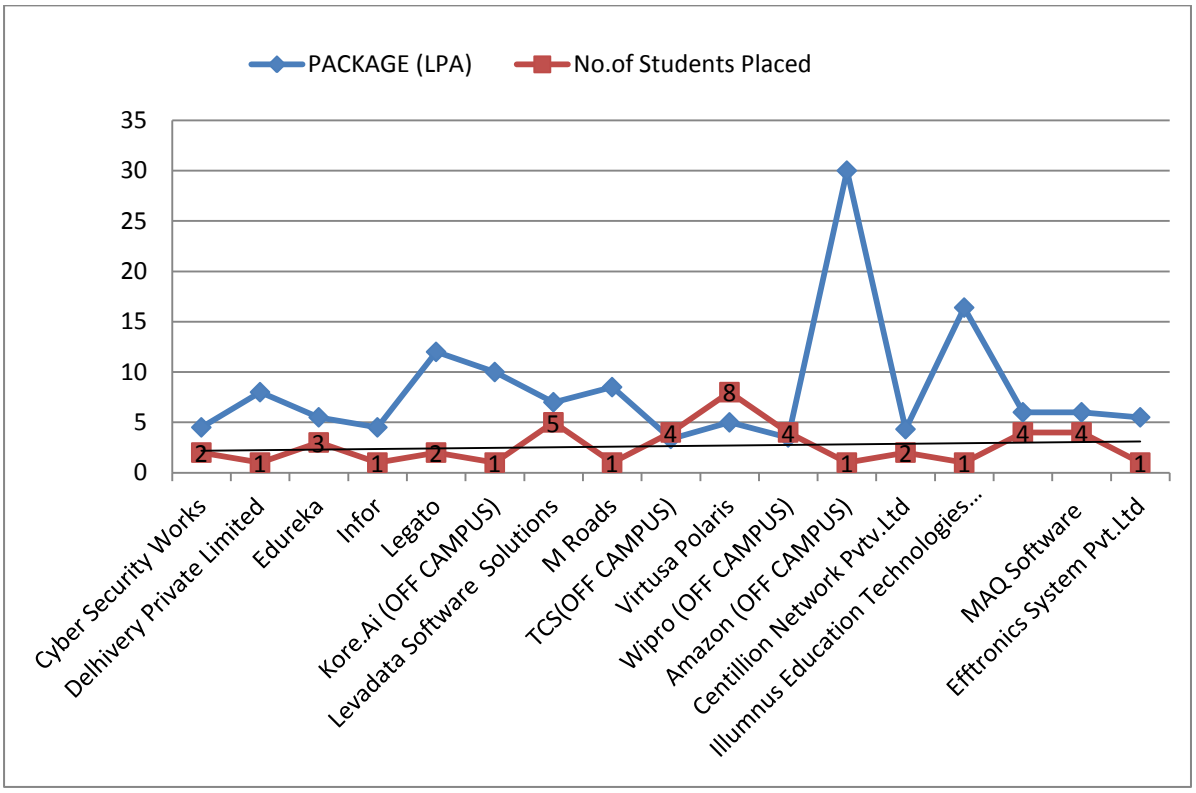
Total Number of Students Received = 45

Average Package Received = 6.59(LPA)

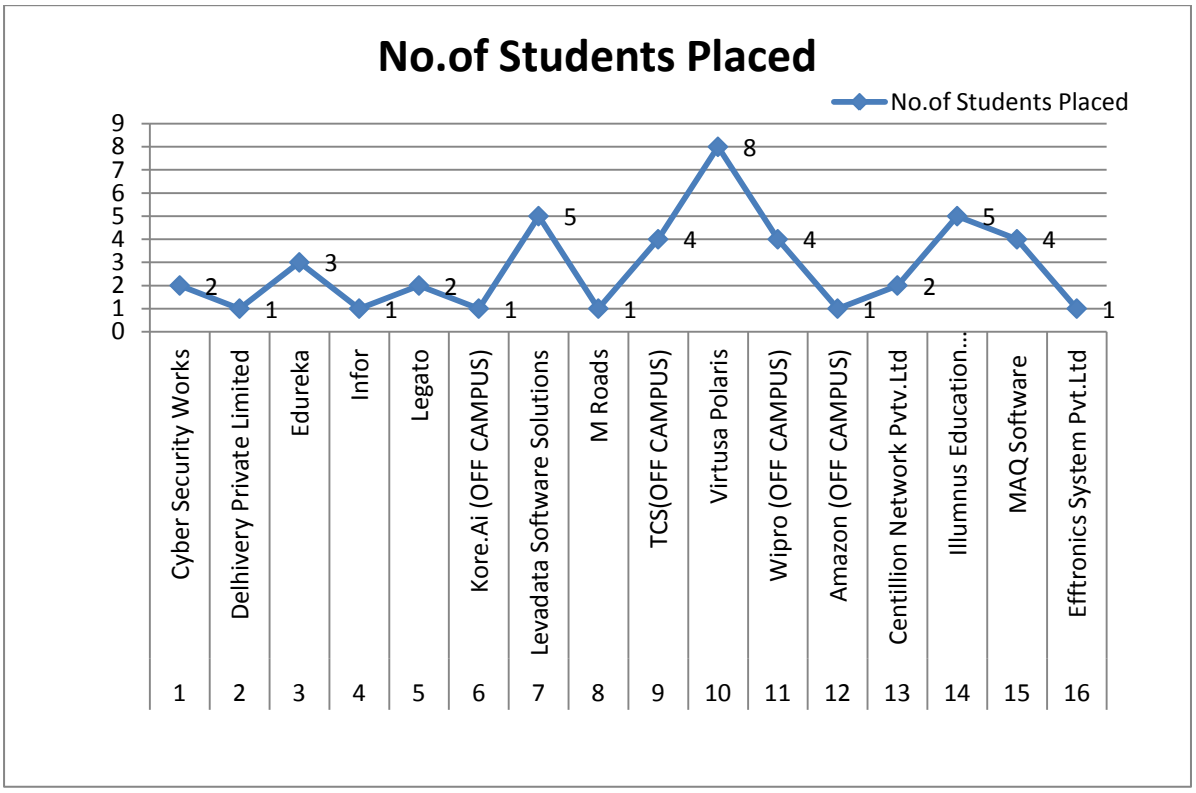
Highest Package = 30 LPA



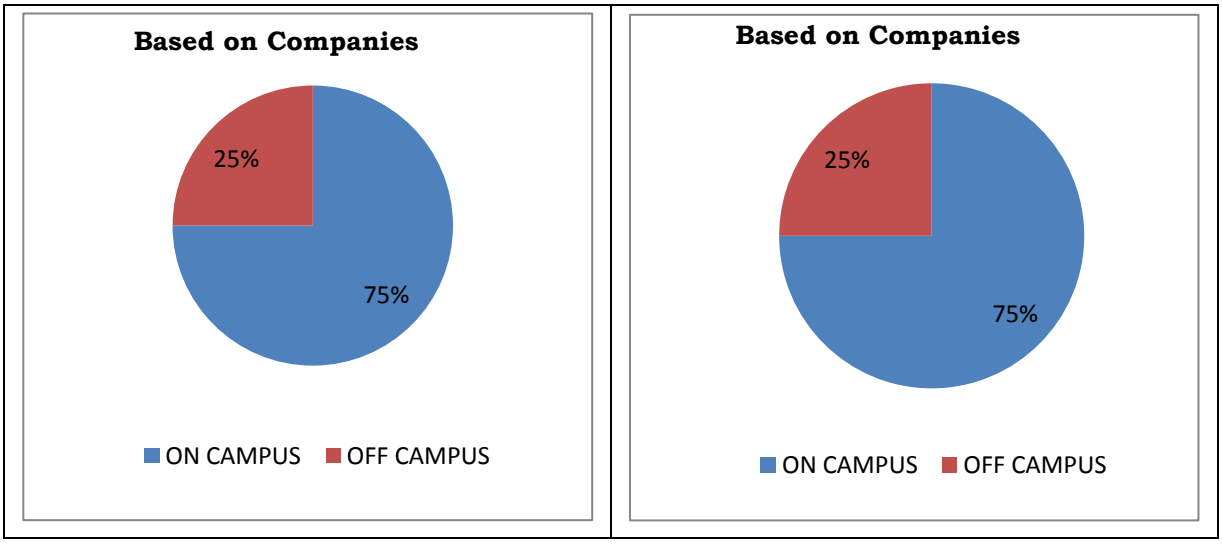
Graphical Representation of the Students who got recruited in different Companies (16) and their Package details

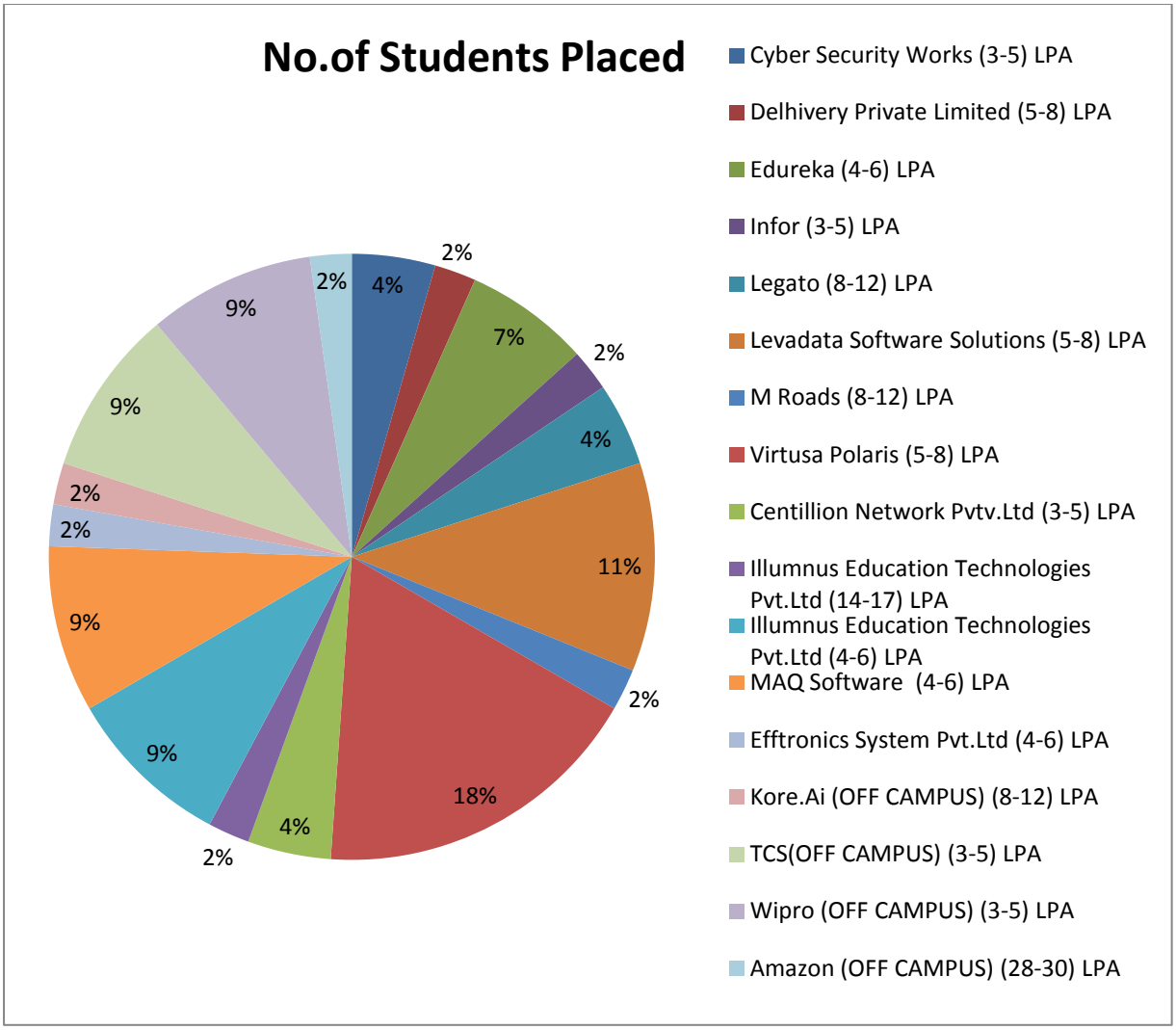


Graphical Representation of Students placed in different Companies (45 students)



Graphical Representation of No. of Students placed in Different companies





7.4 Inaugural Convocation:

The first-ever Convocation ceremony at IIITDM, Kurnool (IIITDMK) was held on the 5th of August in the year 2019, and degrees were awarded to all the passing out students. This event marked the beginning of an era and the occasion was even more special as it was the introductory convocation ceremony and was held on the permanent campus of IIITDMK. We firmly believe that the students will carry the flagship of Indian Institute of Information Technology, Design and Manufacturing, Kurnool to greater heights.


Convocation

7.5 Gold Medals for Outstanding Students:

IIITDM Kurnool strongly believes in encouraging and acknowledging the efforts put in by outstanding students for their achievements and academic excellence by presenting them with Gold medals. In addition to the Roll of Honour Gold Medal and Institute Gold Medal, the honourable Founding Director Prof. DVLN Somayajulu in fond remembrance of his mother Late. Durvasula Manikyamba, commemorated an Endowment Gold Medal for outstanding Female Graduate in the Department of Computer Science and Engineering. The list of the Gold Medal winners under the above mentioned categories are as follows:

Institute Gold Medal

Name of the Student	Roll Number	Programme	Year
DEEPAK C	115CS0016 (CSE15B016)	B. Tech.	2019

Roll of Honour Gold Medal

Name of the Student	Roll Number	Programme	Department	Year
DEEPAK C	115CS0016 (CSE15B016)	B. Tech.	Computer Science and Engineering	2019
MOHAMMED IMRAN	115EC0002 (ECE15B002)	B. Tech.	Electronics and Communication Engineering	2019

Durvasula Manikyamba Memorial Endowment Gold Medal

Name of the Student	Roll Number	Programme	Department	Year
VUTUKURU SRI NITHYA	115CS0006 (CSE15B006)	B. Tech.	Computer Science and Engineering	2019

8 LABORATORIES

8.1 Mechanical and Manufacturing Laboratory

The objective of the manufacturing laboratory is to provide a comprehensive understanding in the field of conventional (traditional) machining processers, creating an emphasis on the techniques adopted in the industries. The laboratory holds equipment ranging from conventional numerically controlled lathe machine, which can be availed for internal and external threading operations for disparate machining parameters and respective values.

Numerically Controlled Lathe Machine

Drilling Machine

Grinding operation: Abrasive Wheel

Pocket Drill

Carpentry

A model developed in house

To ensure, products quality is maintained, the product components developed in house or acquired from outside a continuous evaluation is carried out as an ongoing process. The product is checked by availing suitable standard materials, and this is highlighted and taught to students to make them cautious and understanding the requirement of investigation before starting a project and the need for regular checkups with product inspection cycle.

8.2 Thermal Laboratory

The traditional research areas in the area of thermodynamics, heat transfer, fluid dynamics, turbulence, multiphase flow and basic combustion play a key role in understanding a problem which affects the macro and micro scale of objects. An improvement of any mechanical system is done with the disparate studies of fluid mechanics and heat transfer pertaining to the system. A fundamental

component and in brief learning of turbulence (which is classified in terms of flow laminar, turbulent, non-linear leads to the motion of fluids and thermal fields affecting them) is challenging in every aspect of engineering divisions.

Thermo-fluids research covers a broad range of components, in fundamental as well as applied subjects. The broad spectrum ranges from the topics of heat flow, turbulence, multi-phase models (reacting models included), hydrodynamics and atmospheric datum flow. In fluid mechanics, disparate equipments ranging from solar harvesting rig, refrigeration (air conditioning) tutor, wind tunnel experiments, diesel cycle study a synergy is created between fluid mechanics and heat transfer laboratory as a combination of study and numerical modeling of the complex engineering task. This synergy created helps the students in understanding the environmental systems and also as they progress they tend to develop advanced tools which can be predictive in nature by adopting interdisciplinary research. This abridgment of gap of disparate branches of engineering is the focus point of our work in Indian Institute of Information Technology, Design and Manufacturing, Kurnool. This leads to erasing of boundaries each engineering branch and leads to one module of work corresponding to the engineering spectrum.

Combined Heat Exchanger Setup

Friction in Pipe Flow

Air Conditioning Tutor

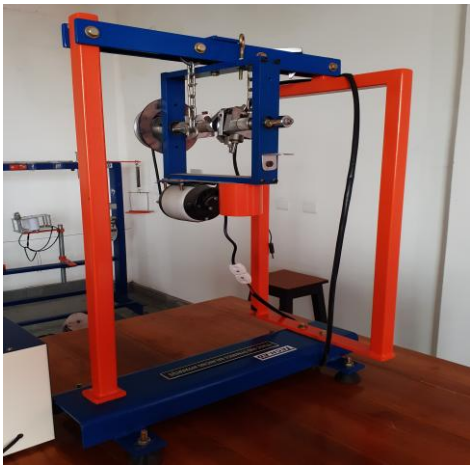
Free and Forced Convection; Thermal Conductivity of Non Metallic Materials

8.3 Mechanical Design Laboratory

A branch of applied science which highlights the relationship between geometry and relative motion of the parts of the machine in consideration is broadly classified in the field of design practice laboratory.

Journal Bearing Apparatus

Critical Speed Apparatus

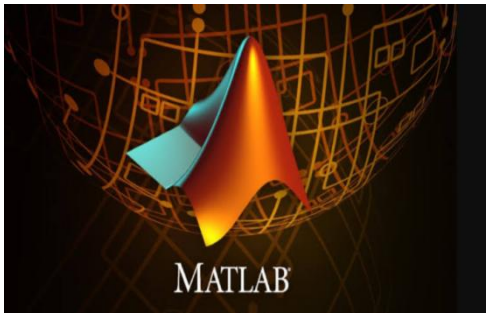


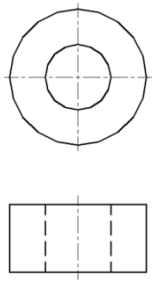
Balancing Apparatus

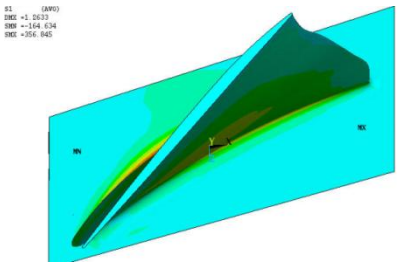
Motorized Gyroscope Apparatus

Universal Vibration Setup

The Design Laboratory consists of theory of machines where the laboratory equipment is utilized to equip students about basics of machine engineering (motion) to advanced field of studies which corresponds to free and forced vibration entity, friction in bearing, geared system and governors. Wide range of equipment are available ranging from static and dynamic balancing equipment which is used to study the balance of masses statically and dynamically of a single rotating system (observation is to find the effect of unbalance in the rotating mass), motorized gyroscopic is used to study the gyroscopic effect of a rotating disc, the gyroscopic effect of a rotating disc, the universal vibration setup provides a comprehensive unit to perform the vibration experiments, the universal frame present in the laboratory facility is quick to assemble and can be modified based on the experiment performed by the students ranging from simple relation of pendulum, radius of gyration (compound pendulum, b-filar suspension), undamped free vibration of spring mass system, longitudinal vibration of helical coiled spring, torsion, damping coefficients, forced damp system, etc. A cam analysis equipment is present to study displacement vs. angle of rotation, follower weight on bounce and also to study the effect of compression (spring) bounce. The journal bearing setup is provided, which is used to study the pressure profiles of lubricating oil at various conditions of load and speed, plotting the Cartesian polar pressure curves, and to measure the frictional torque and power transmit. Apart from this in Design laboratory, students perform Industrial sketching, Modelling of objects and analysis of materials using Sketching Tool, AutoCAD, MATLab and ANSYS tools. This helps the students to pro-actively work in real time modelling problems and helps them attain knowledge in a wide database of framework.







8.4 VLSI Laboratory:

VLSI Lab is highly equipped with upto date industry standard VLSI Tools and hardware resources. The lab facility includes course lab which provides projects and assignments for VLSI design and synthesis. The VLSI lab implements the theoretical concepts studied as part of subjects

CMOS VLSI Design, Microelectronics Circuits and Verilog, for students to experience in practical with the help of Xilinx Vivado and LTSpice.

The lab introduces a complete custom IC design flow, ASIC design flow and AMS (Analog and Mixed Signal) flow for Analog circuits, Digital circuits and Analog and mixed signal circuits are designed respectively. The analog design involves schematic (standard cell), test schematic capture and symbolic representation of circuit topologies using LTSpice. Simulation of the test circuit to perform various analyses such as transient, DC and AC is facilitated.

The digital design involves the realization of various digital circuit components using Register Transfer Logic (RTL) code, Compilation of the same using Xilinx Vivado, The synthesis of the verified RTL code to obtain the gate level netlist is performed thereon. Synthesizing the design (Synthesis, netlist generation, place and route etc..) in to output files that FPGAs can understand and program the output file to the physical FPGA device (ZedBoard) using the available programming tools is done. In the same facility embedded systems, microprocessors and controllers, communication systems and digital signal processing lab is carried out. This shows multi facility equipped laboratory for amalgamation of students learning.

S. No	Equipment	Images of the equipment	Description
1	ZED BOARD -7000		1. Can switch the between the two video inputs or different video formats. 2. Maximum input and output resolution 2048pixel to 2048 pixel. 3. Real time scale upto 64X. 4. Built in YCrCb to RGB converter, YUV to RGB. 5. Converter and RGB to YCrCb converter.
2	SPECTRUM ANALYSER		1. 1.9 kHz – 6.2 GHz frequency range 40 MHz real time bandwidth External reference and trigger/sync inputs USB3.0 2. Power/control/data interface to PC Publicly-accessible software application programming interface (API) for Windows and Linux operating systems 3. RSA306B-SMA model provides a SMA connector. 4. RSA306B-SMA with the No-Shell option ships without the plastic housing, allowing, integration

S. No	Equipment	Images of the equipment	Description
3	8086 MICROPROCESSOR		1. INTEL 8086CPU AT 4.77 MHZ CLOCK SPEED. 2. 16KB for monitor EPROM upgradable to 64 KB. 3. 16KB RAM expandable to 64KB. 4. Battery backup provision for RAM upto 64KB compatible keyboard 5. 24 TTL I/O lines brought out to two nos., of 26 pin FRC connector number of standard RS232C compatible serial port brought out to a pin D type male connector 6. 3 channel 16 bit counter/timer using 8253 7. 8 numbers of interrupt lines are terminated at a 10 pin connector. 8. Kit operates with a single +5V/DC supply 9. Built-in line assembler & Disassembler.
4	ARM- LPC 2148 KIT		1. 16-bit/32-bit ARM7TDMI-S microcontroller in a tiny LQFP64 package. 2. 8 kB to 40 kB of on-chip static RAM and 32 kB to 512 kB of on-chip flash memory. 3. 128-bit wide interface/accelerator enables high-speed 60 MHz operation.
5	TIVA C SERIES TM4C123G		1. Frequency-80 MHz 2. 32 –bit ARM dual 12 bit ADC. 3. 256 kb flash /32bit Kbsrm/ 2 Kbeeprom.

8.5 Digital Logic Design Laboratory:

The Digital Logic Design Lab (DLD Lab) is one of the most important and well-equipped lab of the Department. This lab is re-designed such that the students get an opportunity to learn across the course regarding Digital systems course. This is an undergraduate course which deals with the basics of digital systems design. It provides the prerequisites for advance courses in digital electronics. Because of the significance of this course the DLD Lab has been carefully designed to meet the course requirement. Analog Circuit Laboratory is also conducted in the DLD lab facility were, disparate analog circuits are designed (Amplifiers, Filters, Oscillators). The Analog electronic circuit includes an analog signal with any continuously changeable signal. While working on an analog signal, an analogcircuit alters the signal in some manner. Analog circuit can be used to convert the original signal into some other format such as a digital signal.

S. No.	Equipment	Images of the equipment	Description
1	DIGITAL TRAINER		1. On-Board Digital input (switches). 2. BCD to seven segment. 3. IC 555 timer, Edge trigger. 4. IC 74121 Multivibrator 5. On-Board Bread Board for external circuits. 6. LED Output indication.
2	FUNCTION GENERATOR		1. Dual-channel, 25 MHz or 60 MHz sine waveforms. 2. 12.5 MHz or 30 MHz square waveforms 3. 14 bits, 125 MS/s or 300 MS/s arbitrary waveforms with 8 k points or 1 M points record length. 4. Amplitude 1 mVp-p to 10 Vp-p into 50 Ω loads.
3	DIGITAL STORAGE OSCILLOSCOPE		1. Dual time base Math Fast Fourier Transform (FFT) 2. Pulse Width trigger capability 3. Video trigger capability with line-selectable triggering 4. External trigger Setup and waveform storage 5. Variable persistence display 6. RS-232, GPIB, and Centronics ports with the optional TDS2CMA 7. Communications Extension Module

S. No.	Equipment	Images of the equipment	Description
4	REGULATED POWER SUPPLY		1. 3 channel DC supply. i)dc supply of 15V (variable). ii) 5V(fixed). iii)30V (Variable).

8.6 Electrical Drives and Sensor Instrumentation Laboratory

Current Sensing of Electrical Drives is required for the implementation of current limit control, inner current control loop of closed-loop speed control, closed-loop torque control of a dc drive, for sensing fault conditions, and for sensing speed in dc drives by back emf sensing method. In order to avoid interaction between control circuit, carrying low voltage and current, and power circuit involving high voltage and current and sometimes harmonics and voltage spikes, isolation must be provided between the two circuits.

S. No.	Equipment	Images of the equipment	Description
1	MIXED DOMAIN OSCILLOSCOPE		MODEL NO: MDO36024, 4 CHANEL NON ISOLATED,200MHZ,2.5Gs/s
2	CURRENT PROBE		MODEL NO: N2783B, 30A/100MHZ
3	EMC PROBE SET(4-PIECES		MODEL NO:TBPS01, LESS THAN75V DC OR AC(UPTO 50V)

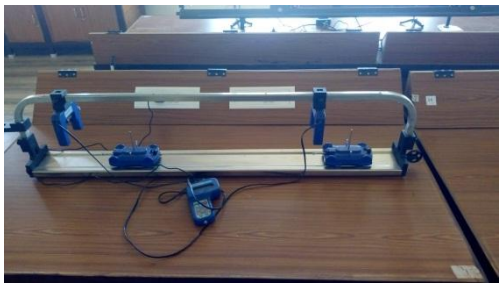
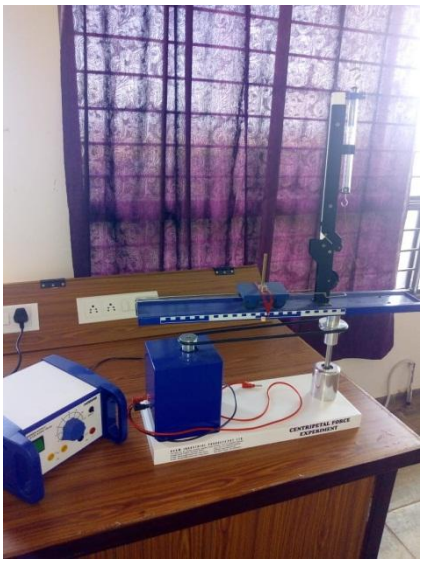
S. No.	Equipment	Images of the equipment	Description
4	20dB WIDEBAND AMPLIFIER		MODEL NO:TBWA2_20, 20dB
5	VOLTAGE PROBE (PERIPHERAL FOR MDO		MODEL NO:TPP0250, 250MHZ,300V
6	LINE IMPEDANCE STABILISATION NETWORK LISN		MODEL NO:TB0H01, 5uH
7	LAPTOP		MODEL NO:15g-br001tu, intel i3 prosessor,1TB HD

8.7 Physics Laboratory : Fundamentals of Science

The General Physics Lab is a teaching lab catering to fresher's joining the three B. Tech programmes offered by the institute. The lab has a set of experiments mainly in the areas of mechanics, wave mechanics, electricity and magnetism, and thermodynamics. A set of ten to eleven experiments form the lab course taken by every first year student in the B. Tech programme.

S. No.	Equipment	Images of the equipment	Description
1	TORSION PENDULEM 1. Stand 2. Steel disc 3. Wires		A torsional pendulum consists of a disk (Of mass 250g) suspended from a wire (of material Stainless Steel, Nichrome wire, Magnium, Brass), which is then twisted and released, resulting in an oscillatory motion to find out the Torsional rigidity of wire.
2	BAR PENDULUM 1. Metal bar 2. Knife edge 3. Bar holder		Bar pendulum: It is a weight suspended from a pivot so that it can swing freely. When a pendulum is displaced sideways from its resting, equilibrium position, it is subject to a restoring force due to gravity that will accelerate it back toward the equilibrium position.
3	STRAIN GAUGE 1. Strain gauges 2. Wooden rules 3. Power supply machine 4. Wheat stone bridge		A strain gauge producing current in milli amps and voltage in milli volts connected through a wheatstone bridge to a strain gauges attached over wooden specimen to find out Young's modulus of a wooden rule.
4	MICRO STRUCTURE 1. Belt grinding machine 2. Disc polishing machine 3. Micro scope (RMM88) 4. Specimens	 	To find the micro structure of the given specimen using belt grinding machine (1200rpm) and Disc polishing machine (1800rpm) and various etchant solutions.

S. No.	Equipment	Images of the equipment	Description
5	FRICTION SETUP 1. Inclined plane 2. Masses 3. Different surfaces		An inclined of length 1m is used to find out the static friction coefficient for different masses over different surfaces like Rubber sheet, metal sheet, wooden sheet, and Acrylic sheet.
6	SPRING CONSTANT SETUP 1. Frame 2. Spring 3. Masses (20g)		A spring supported by a beam and suspended with masses (20g, 40g, 60g, 80g, 100g) to find out the stiffness of spring.
7	FLY WHEEL SETUP 1. Fly wheel 2. Suspended masses (100g) 3. Stop watch		A fly wheel is mounted on an axle on which is also supported by suspended masses (100g, 200g, 300g, 400g & 500g).
8.	Linear Air Track kit 1. Compressor 2. Photo gates 3. Air track 4. Masses		A linear air track carrying 2 bodies with or without masses and the speed can be calculated using photo pickup gates.

S. No.	Equipment	Images of the equipment	Description
9	Laws of motion kit 1. Track 2. Timing cars 3. Photo gates		To demonstrate the Newton's Laws, two timing cars with photo pickup gates mounted on a straight levelled track.
10.	SCI Comprehensive timing car kit 1. Tracks 2. Timing cars		Timing cars were mounted on two different kinds of paths as shown in figure.
11	Free fall apparatus		A stand with 2 photo pickup gates does study the motion of freely falling body.
12	Centripetal force setup		Centrifugal force is studied to demonstrate centripetal force.

S. No.	Equipment	Images of the equipment	Description
13	Melde's Setup 1. Tuning fork 2. Electro magnets 3. Power module 4. masses		Apparatus to test the relationship between the tension, mass per unit length, frequency, and wavelength.
14	Gravitational balance 1. Masses 2. Oil		Determining G, the fundamental universal gravitational constant and verifying inverse-Square law.

9 CENTRAL FACILITIES AND SERVICES

9.1 Central Library

The Central Library, IIITDMK is the premier academic facilitator of the institute. The library has a rich collection of resources in the areas pertaining to Electronics and communication Engineering, Computer Science, Mechanical Engineering, Physics, and Mathematics. The resources include reference books, textbooks, CDs/DVDs etc. With the objective of providing research and educational support for the Institute, the library offers technical services like classification, cataloguing and documentation services. Library has a wide range of magazines and journals pertaining to the relevant disciplines. Library is a member of the prestigious DELNET. The Central Library provides various user oriented services and functions as the centre of information of the Institute. Additional services of the library include circulation service which issues books from the library collections and recollection, apart from shelving and arranging books and materials as per the standard norms. Table of Content Alert and Article Sharing Services are the major alerting services

that are offered at the Library. As per the recommendations and guidelines of 'COPE – Committee on Publication Ethics' for promoting integrity in scholarly research and publications, the library provides access to plagiarism software 'Urkund' thereby reducing the scope for plagiarism and increasing the quality and originality of the research work being conducted on campus. The Library uses open source library automation software 'Koha' for library management with barcode technology. Users can search our catalogue using the Online Public Access Catalogue (Campus-Access only), which is the quickest and most accurate tool for information retrieval. Furthermore, a digital library centre and free Wi-Fi facility is also available for the users inside the library premises.

Facilities offered at the Central Library, IIITDMK

S. No.	**Library facility**
1.	Online Public Access Catalogue (campus access only)
2.	Circulation
3.	Reference Service
4.	Reading Hall
5.	Newspaper Clipping Service
6.	Table of Content Service
7.	Competitive Examination Collection
8.	Urkund Plagiarism Software

9.2 ATM Facility

ATM Facility in IIITDM Kurnool is extended by the STATE BANK OF INDIA through its 'Nandyal Branch' which is located in the city premises at a distance of 4 km from the Institute. ATM facility, Internet Banking, Tele-banking facilities are available in the campus for the benefit of students and staff.

Branch: SBI Nandyal Road (IFSC Code: SBIN0021660

Contact Number: 08518-274441

Timings: 10.30 am - 4.30 pm (Monday - Saturday) (*II and IV Saturday off)

ATM: 24*7 hours ATM in the campus.

9.3 Health Centre

The Health Centre (24 x 7) inside the campus provides basic health care to all the students, faculty, non-teaching and administrative staff. The Institute has a tie-up with KIMS hospital, Kurnool to provide medical care and allied services owing to which ambulance service (24 x 7) has been provided to attend any emergency cases. A medical officer (Doctor) will be available on campus from 5 PM to 8 PM every day. All the students are provided medical insurance under group insurance arranged by the Institute.

9.4 Cafeteria:

The Institute has a well-established cafeteria for refreshments. It serves hot and cold beverages like Tea, Coffee and cold drinks from 8.00 AM to 8.00 PM on all working days including Saturdays. With a seating capacity of 60 pax it allows students and faculty enough space to relax and enjoy their breaks. The cafeteria serves delicious food at nominal prices. It has a good variety of snacks, chocolates, ice creams etc.

10 NOTABLE ACHIEVEMENTS

10.1 MoUs Signed

a) IIITDM Kurnool has signed an MoU with CodeTantra on 11th March 2019 for providing an online platform to students in order to aid their understanding and promote the learning of programming languages such as C, C++, JAVA, and hadoop.

b) IIITDM Kurnool has signed an MoU with Centilian Networks Pvt. Ltd to impart training, consultancy, and research activities on Drones, Robotics, and Artificial Intelligence for the students and faculty.

c) IIITDM Kurnool has signed an MoU with IIT Madras during the inauguration of Institute's IoT lab with an objective of collaborative R&D activities in the near future.

d) IIITDM Kurnool has signed an MoU with Xtrans Solutions, Bengaluru to impart training, consultancy and research activities on IoT, Blockchain, AI/ML and Robotic solutions for the students and faculty.

10.2 Student and Faculty Achievements:

a) Mr. A. Sai Kaushik, B. Tech. final year from the department of Mechanical Engineering student under the mentorship of Dr. B. Satyasekhar, has received the best paper award for his paper entitled, "Thermal Integration of Proton Exchange Membrane (PEM) Fuel Cell with Recuperative Organic Ranking Cycle", 11th International Exergy, Energy, and Environment Symposium (IEEES-11), Chennai, July 14-18, 2019.

b) Mr. Vedant Mate, B. Tech. final year student, from the department of Mechanical Engineering, received the best paper award at the "International Conference for Emerging Research in Civil, Aeronautical and Mechanical Engineering" held in Bengaluru during July, 25-26, 2019.

c) Ms. Anushka Mada, B. Tech final year student, from the department of Computer Engineering, competed in the annual challenge Nerual Hack organized by the American Information Technology Services company, during November 27-28, 2019, and stood as a winner in the team full Stack category.

d) Ms. Devi Sai Prashanthi, B. Tech final year student,from the department of Computer Engineering, shortlisted for the grand finale round of the Geek Goddess coding competition 2019, for her outstanding performance.

e) Dr. Mohamed Asan Basiri M, has received funding for a project sponsored by DST-SERB entitled: "Engineering of High Performance Signal Processing Elements for Real-time Infrastructure".

10.3 Faculty Development Programmes:

a) One-week Faculty Development Programme on "**Outcome Based Education**" was organized by IIITDM Kurnool in association with E & ICT Academy, NIT Warangal from May 6 -11, 2019. The sessions were handled by eminent speakers Prof. DVLN Somayajulu (Director, IIITDM Kurnool), Prof. SDK Mandal (CET, IITKGP), Prof. IAK. Reddy (TLC, NIT Warangal), Prof. A. Venu Gopal (NIT Warangal), Prof. K Srinivas (Head ICT, NIEPA) and Prof. Y Narasimhulu (University of Hyderabad). The FDP programme received an overwhelming response with 65 participants from various engineering and degree colleges in the state of Andhra Pradesh. Mr. D Nagendra Kumar, DIG, Kurnool Range, Andhra Pradesh and Prof. N V Ramana Rao, Director of NIT Warangal were the chief guests at the Inaugural and Valedictory functions respectively.



b) IIITDM Kurnool hosted FDPs/Workshops organised by the AICTE training and learning (ATAL) Academy in various domains of Computer Science. A "**Data Science**" workshop was organised between 21st to 25th November. Our esteemed director Prof DVLN Somayajulu coordinated the event and he addressed the huge gathering providing them a comprehensive view about the trending technology.

c) AICTE-ATAL workshop on "**Artificial Intelligence**" was conducted from 28th November to 2nd December, coordinated by Dr P. Renjith.The guest of honour Dr. Bangarabapu Popuri, HOD(ME), NIT Warangal addressed the gathering. The program managed to braoden the perspectives of visualising things in a more autonomous way.

d) AICTE-ATAL workshop on the budding technology "**Internet of Things**" was held from 5th to 9th December coordinated by Dr Sanjaya Kumar Panda. The guests of honour Dr. K. K. Soundra Pandian, Scientist, MeitY, Govt. of India, Prof. Shivakumar Mathapathi, CTO - Dew Mobility - USA, Dr. Aloknath De, Corporate Vice President and Chief Technology Officer, Samsung R &D, Prof. D. Janakiram IIT, Madras shared their valuable insights with the gathering. An IoT lab was inaugurated at our campus by Prof D. Janakiram along with our director Prof DVLN Somayajulu. In addition to that two memoranda of understanding (MoU's) were signed between IIITDM Kurnool and IIT Madras and Xtrans solutions that ended the workshops on a good note.


e) 3D Printing workshop: IIITDM Kurnool in collaboration with **Sphere Tech Innovations, Chennai** organized a 3D printing workshop on September 28th& 29th, 2019. Prof D V L N Somayajulu (Director, IIITDM Kurnool) inaugurated the workshop and provided insight to the students about how this emerging technology is revolutionizing the manufacturing Industry. P Kalai Selvan, the CEO & founder of Sphere Tech Innovations provided an in depth analysis on current trends of 3D Printing Technology. The **3D printing** process builds a three-dimensional object from a computer-aided design (CAD) model, usually by successively adding material layer by layer. This process is based on fused deposition modeling (FDM) technique. 3D printing is expected to be the future of production. The two days hands on session came up with a combo of building, working and having their own 3D printer. The session was lively and hands-on. About 90+ students from IIITDM & other colleges such as GPREC, JNTUA actively participated and contributed to success of the workshop. Dr. Murali, Dr Eswarmoorthy and Dr. Akhtar Khan coordinated the 2-day workshop. The workshop provided essential knowledge and a great opportunity to experience hands on workshop.

f) Workshop on Drone Technology: A two-day workshop on drone technology was conducted by Centillion Networks Private Limited from 29th February – 1st March. The workshop was organized in three segments. The first session was an introductory session to drone technology in which different models and configuration of drones, components of drones were discussed. The following session was about principles involved in the working of drones. In the concluding segment the construction of drones was demonstrated and participants were given an opportunity to get hands-on experience in operating the drones.

g) Cyber Security Workshop: A workshop on CYBER SECURITY was organized in association with The Adiroha Solutions Pvt Ltd, a company in the domain of cyber security and ethical hacking. The workshop was conducted in two sessions. The first session encompassed the networking basics, Introduction to ethical hacking and information gathering whereas in the second session topics like system hacking, hacking wireless networks, website hacking, various security standards, hacking mobile platforms were discussed. It was a very interactive session and students participated with great zeal and gained from the workshop.

10.4 Guest Lectures

a) **Guest Lecture on IoT**: A guest lecture on "Overview of next generation internet technologies" was delivered by Shri Shivakumar Mathapath, co-founder of Dew mobilities and an experienced adjunct faculty from Santa Clara university, San Jose State, USA on 6th September 2019. He gave insights of the trending technology IoT i.e, internet of things. Through the lecture he emphasized on how IoT helps in building a smart city, smart agriculture and provides an assisted living. He gave examples of this own work like the smart trash monitoring system and smart trail traffic monitoring system which were designed for a

city in USA and explained the underlying IoT principles. The talk concluded with his demonstration on how to use Iot development kit that gives hands on experience and lays a strong foundation to develop various projects.

b) **ORACLE Session**: A career induction session was conducted by Oracle on 14th October in the presence of our honorable director DVLN Somayajulu. Mr. Robin Majumder from Oracle addressed the gathering and gave an insight on various career opportunities. He briefly talked about budding technologies and the changing trends of required skills for the industry. The Oracle is also planning to collaborate with our Institute and introduce the Workforce Development Programme to produce talented prodigies.

c) **Monday Popular Talks:** A series of guest lecturers was organized as a part of Monday Popular talks where in eminent Professors shared their valuable insights on an array of topics. An introductory lecture on robotics was delivered by Professor N. Sukavanam from IIT Roorkee. The lecture started with the explanation of lexicon associated with robotics and then succinctly discussed the mathematics involved in dealing with robotics. Stimulating videos of robots, performing their tasks were presented and thus the lecture helped the students to get acquainted with the basic concepts of robotics and cultivate interest in robotics. A lecture on physics behind the smart phones was given by Professor Bhas Bapat from IISER Pune. In this session, the professor discussed about "The evolution of communication over the decades" and gave an insight into the topic titled "Transmission of signals for communication". The lecture ended after discussing the breakthrough discoveries in physics. A lecture on the nature of discovery in physics was delivered by Professor S.V.M Satya Narayana from Pondicherry University. He emphasized on the importance of innovation and independent thinking in students. Some important discoveries and their timelines were discussed. The session, on a whole gave a lot of new ideas and a different approach to the world of science and discoveries.

d) **High Performance Computing:** Dr. Damodara Reddy, a scientist at the Institute of High Performance Computing (IHPC), A-STAR, based out of Singapore delivered a guest lecture on 31st December, 2019. Through his talk he gave a brief overview of low-dimensional materials and their applications. He also gave an explanation about the structural and electronic properties of low-dimensional materials, especially carbon based nano structures that have a wide variety of high-performance structural applications in fields such as aerospace, bio-medical, energy storage, automobile, space industries.

11 TECHNICAL ASSOCITAION AND STUDENT HOBBY CLUBS

11.1 Student Clubs:

The institute has constituted various activity based clubs and associations to monitor and encourage curricular and co-curricular activities. The list of active clubs that ensure the all round development of the students in the Institute is as follows:

a) **Student Activity Council (SAC)**

b) **Social Service Group (SSG)**

c) **Cultural Club** Conducts activities such as Dance, Music, Drama, Art,

d) **Photography clubs to capture** events like national days, fresher night, Deepawali, nature, development of our campus etc.

e) **Sports Team:** Many tournaments like speed cuber, rubik's cube, chess, ludo, carom, table tennis were conducted in the hostels. Sports team from various backgrounds have also participated in annual inter IIIT sport meet.

f) **Electronics-Mechanical-Computer (EMC) Club:** This club was constituted by the students from the Electronics and Communication Engineering stream. The EMC club was formed to integrate all branches and work towards developing products and providing solutions for real world problems.

g) **Mech-an-Idea Club:** This club wasformed by the students from the Mechanical Engineering stream to promote DIY.

h) **Codigo Club:** This club wasformed by the students from Computer Science and Engineering stream to motivate the coding culture.

i) **News Letter team:** TheInstitute has publishedthe Vol. 1, 2nd Issue and Vol. 2, Issue 1 of newsletter entitled "**From the Hilltop**" with support fromTejaswi Chhoppa, Preetisha Mandavi, and Sai Surya along with Faculty in-charge Dr. Akhtar Khan.

11.2 Activities Conducted:

a) **SOLASTA 2k19:** SOLASTA 2K19 is the annual Techno-cultural fest of IIITDM Kurnool organized by the student community during **8-10 March 2019**. The theme of SOLASTA 2K19 was Wanderlust. SOLASTA is an inter-college Techno-cultural fest, aimed to bring out creativity as well as technical skills of the participants in the various technical and non-technical events. IIITDM Kurnool strives to spread the message of art amongst youth to ensure inspire them artistically.

b) **Women's Day, 2019:** On 8th March 2019, IIITDM Kurnool celebrated International Women's Day by organizing an event at the Institute's Seminar Hall. The event was organized by the Cultural Team with great enthusiasm and effort.

c) **Blood Donation Camp:** The Social Service Group (SSG) of "IIITDM Kurnool" organized a blood donation camp in association with Indian Red Cross Society on 19th of March, 2019 (Tuesday). The healthy participation by students, staff, and faculty in the event is highly appreciated. During the camp, the blood of 53 donors was collected through voluntary blood donation.

d) **World "NO TOBACCO DAY-2019":** On 31st May, 2019, IIITDM Kurnool organized a session to create awareness among the faculty members and other non-teaching staffs about harmful effects of tobacco along with a Pledge ceremony led by honourable director Prof DVLN Somayajulu. He highlighted the current year theme of World No Tobacco Day 2019 "Tobacco and Lung Health" to increase the awareness on the negative impact that tobacco has on people's lung health, from cancer to chronic respiratory disease. During his speech, he discouraged the use of tobacco in any form inside the institute premises.

e) **International Yoga Day – 2019**: Fifth International Yoga Day was celebrated with a lot of enthusiasm on June 21, 2019 at IIITDM Kurnool. Besides group yoga there were several other programs including health talk and meditation.

f) **73rd Independence Day**: The 73rd Independence Day commemorating the freedom of our nation was celebrated with high spirits and patriotism for mother India. The event started with our honorable director Prof DVLN Somayajulu hoisting the flag and delivering a speech. It was succeeded by an NCC parade, followed by a mass run organized by our NSO team from Institute to our hostel, Kalpana Chawla hall of residence. Students enthusiastically participated in various cultural events like dancing, singing, drama and other things. The certificate for academic excellence was presented to the topper of the batch by our director.

g) **Fit India Movement 2019:** The "FIT INDIA MOVEMENT" was started by our honorable Prime Minister on occasion of the national sports day on 29th august. Our institute acknowledged this event by telecasting the live show from New Delhi. The live telecast depicted how fitness binds us in cultural diversity. Soon after, a mass walk was organized across the hill from our college. The director, faculty members and students participated in this event.

h) **Fresher's Day 2K19:** IIITDM Kurnool hosted Fresher's Day on 21 September, 2019 at VJR convention hall, Kurnool. With the theme RETRO and the caption "THINGS END, BUT MEMORIES LAST FOREVER", the event was a fusion of creative impulse and impeccable co-ordination of the students. Final rounds of Mister and Miss Fresher were held for the first years and the verdict was pronounced based on the acumen and the talents showcased by the participants. Mr. Fresher title was bagged by Ritwik Srivastava while B. Sowmya Sree was crowned as Ms. Fresher of the year

i) **Ganesh Chaturthi 2K19:**On the auspicious day of 2nd September, Ganesh Pooja started with chanting of holy mantras by the priest. The students participated in the Pooja with great devotion. The Pooja continued for a week and during the weekend students danced and celebrated in front of Lord Vinayaka out of joy and devotion. There were various competitions conducted by the fun club like musical chairs, lemon and spoon, to name a few games that engaged the students. Also a special lunch was organized by the hostel team for the weekend.

j) **Diwali Night 2019:**The festival of lights, Diwali was celebrated with great joy and devotion on 27th October at the Hilltop Dinning hall. The event started with the colorful and visually pleasing Rangoli competition, followed by Lakshmi Pooja where everyone prayed earnestly for health and prosperity. A DJ competition was conducted and the participant who came up with the best collection of DJ songs was declared as the winner. Everyone danced their hearts out to the rhythmic and upbeat music. The students bid adieu to the celebrations by lighting sky lanterns with the hope of a fruitful year ahead.

k) **Ek Bharat Shreshtha Bharat:**"Ek Bharat Shreshta Bharat" is an initiative launched by our honorable Prime Minister Shri Narendra Modi on 31st October, 2015 on the occasion of the 140th birth anniversary of Sardar Vallabhbhai Patel. India is a diverse nation blended in different cultures, languages and religions. IIITDM Kurnool hosted a student exchange program with the peer institute IIIT Nagpur from Dec 23rd to 27th, 2019 to celebrate and share each other's traditions and rich heritage. The five day program started with a grand welcome for the students followed by a cultural event. The students participated in essay writing competition on 'Indian Culture' and culinary competition during the week. Also a Telugu workshop was conducted that aimed to teach a few spoken Telugu basics. Various games were organized and movies were screened for the students. Also the students of Nagpur were taken for a tour in and around Kurnool to various places like Rollapadu bird sanctuary, Oravakallu rock garden, Alampur Jogulamba temple and the local markets. The program ended with ethnic day where the students from IIITK and IIITN dressed themselves in ethnic attire. Later, they danced to the enthralling music beats, participated in open conversations and interactions, thereby justifying the idea of "Unity lies in diversity".

l) **Plastic Awareness Program:**It was on Independence-day that our Prime Minister Shri Narendra Modi has called out our entire nation to ban "single use plastic". This polymer compound which has become an almost integral part of our daily life is turning out to be a menace. At IIITDM, Kurnool a seminar was conducted to create awareness about the use of plastic. Our Chairman and Director commented on the current situation of the environment. This seminar inspired many students to avoid the usage of plastic in the campus.

m) **Constitution Day:**Constitution Day (National Law Day), also known as Samvidhan Divas, is celebrated in India on 26th November every year to commemorate the adoption of the Constitution of India. The celebrations at our Institute started by reading the Preamble of the Constitution. Our director Prof DVLN Somayajulu along with faculty members, staff and students took a pledge to abide by the constitution as a mark of respect.

n) **Vigilance Awareness Week:**Our institute observed the Vigilance Awareness Week from 28th October to 2nd November, 2019 with the theme "Integrity- A way of life" to encourage all the students to put their efforts in the abdication of corruption and to raise public awareness. Various events have been organized to spread awareness and understand the gravity of threat posed by corruption. Students distributed pamphlets showcasing anti corruption slogans in the city. A debate was conducted on "social media - boon or bane for eradicating corruption". Also an essay writing competition was conducted. The week concluded with students actively participating in the various sports competitions that were conducted.

o) **SSG Programme:**SSG conducts group discussions, debates, speeches, poster presentation for creating awareness among the students on various social issues and help them analyzing and finding creative solutions for the same. SSG conducts various on-field activities for students to give them firsthand exposure on society and real-world problems without expecting anything in return. It is an agreeable fact that discussing an issue is easier when compared to actually bringing about and being a part of the change that we anticipate. SSG is a team of enthusiastic volunteers working under co-facilitators and cores for well being of society and all-round development of students. Human being is a social animal who should be responsible towards the society. Living responsibly in a society is everyone's duty and we have to work together for the welfare of the society. Social interaction is one of the most important factors in all round development of students. Team work, leadership, courage to overcome stage fear, preparing for presentations, art of convincing people, etc. are some of the skills that are honed

by SSG. Emphasis is laid down on promoting work ethics in the lines of working selflessly, being socially responsible and other relevant areas. SSG is driven with the idea of 'Me for Society'. Knowledge is power. They believe that wareness of various social issues and happenings around is must for serving the society.

p) **National Science Day Celebration:**National Science day 2020 was celebrated ebulliently at IIITDM Kurnool. The Institute organized the first open day to stimulate scientific temperament in young minds. Open day at IIITDM Kurnool has attracted around 800 students from various educational institutes. Expert talks, Project demonstration, Workshops, Astrophotography, Quizzes and telescope sky gazing were organized as a part of the event. The theme for the science day was "WOMEN IN SCIENCE". The director of the institute, Prof. DVLN Somayajulu had addressed the gathering. Dr. B Ramakrishna, Sr. Scientist at DRDO delivered a lecture on Armour technology. Shri P. Chandrasekhar, Sr. Scientist from ISRO gave an insight into "Remote Sensing Technology". Dr Jayakumar Venkatesan, CEO of Valles Marineris delivered a lecture on "Human spaceflight programme". Mr. Kalai Selvan conducted workshops on Tesla coil, Magnetic levitation, walking robot and 3D printing technology. The event managed to successfully forge an interest in the field of science among the young minds.

q) **Sankranthi Celebration**: The student community of IIITDM kurnool celebrated the harvest festival Makar Sankranti ardently. A bonfire was lit up before the dawn on Bhogi and students danced around the fire joyously. The eve of Sankranthi was a visual spectacle and the sky was filled with vibrant coloured kites flown by the students. On this occasion, students prepared the traditional dish 'Pongal' and distributed it among the staff and students.

r) **Matrubhasha Diwas**: Matrubhasha Diwas was celebrated at our Institute IIITDM Kurnool on 21st February to promote various languages and diverse cultures of our nation. As an initiative to encourage the students to gain proficiency in their respective mother tongues, the students were given an opportunity to give speeches and recite poems in their native languages. Students zealously participated in the event to accentuate the features of literature in their mother tongue. Thus the event enhanced linguistic and cultural awareness among the participants.

s) **Republic Day Celebration**: The 71st Republic day of India was celebrated at IIITDM Kurnool with great patriotism. Director of the institute, Professor DVLN Somayajulu hoisted the national flag and addressed the gathering. A tree plantation drive was conducted and a mass walk was organized from the nstitute to KC Hall of residence to commemorate the event.

t) **Women's Day 2020**: International women's day was celebrated on 8th March, 2020 at IIITDM Kurnool with great enthusiasm. The first year students had organized this event. The theme of the international women's day was #EACH FOR EQUAL and the same was acknowledged in the speeches and poems recited by the participants. Placards and decors with several progressive quotes on women empowerment added to the richness of the event.

u) **HOLI Celebration:** Holi, the festival of colours was celebrated by the IIITDM Kurnool fraternity with utmost fervour and enthusiasm. On the eve of Holi, the students gathered to perform the ritual of "Holika Dahan" by lighting up a pyre and danced around the fire in sheer happiness. On the next day students smeared colours on each other, danced and celebrated joyously.

v) **SOLASTA 2K20**: The second edition of SOLASTA-the annual techno-cultural fest of IIITDM, Kurnool was organised from 13th – 15th March, 2020. With the theme "CONSTELLATIONS" the three-day event was full of tech-competitions, exuberance and entertainment. SOLASTA is a perfect podium for the prodigies to promulgate their prowess in programming, robotics, literature, art and is a platform to have loads of fun and wonderful memories.

w) **Inter IIIT Sports Meet 2020**: Inter IIIT sports meet, GUSTO 2020, was hosted by IIITDM Jabalpur this year and our institute IIITDM Kurnool bagged 3 shields and 17 medals which includes 1 Gold, 6 Silver and 10 Bronze at the event. The 3 day- long event which was held between 29th February and 3rd March 2020 witnessed tremendous talent and exuberance of the students in sports. 18 IIITs across the country competed in the event. 80 students from IIITDM Kurnool took part in various sports like badminton, cricket, volleyball, table tennis, hurdles, and sprint. The students won gold medal in sprint, silver medals in badminton and hurdles. The event also saw active participation from girls, who won medals in sports like hurdles affirming the empowerment of women in sports. The students were appreciated for their commendable on field performance, for their strenuous efforts and were applauded for bringing laurels and accolades to this budding Institute.

Fit India Movement Photo

Constitution Day Photo

Vigilance Awareness Week Photo

Ganesh Chaturthi Celebration

Fresher's Day Photos

Diwali Celebrations

EBSB Event Photo

Conducting Pooja

Ethnic Day Celebrations

Volleyball Medallists GUSTO 2020 (Inter IIIT Event)

Badminton Medallists GUSTO 2020 (Inter IIIT Event)


TION TECHNOLOGY DESIGN AND MANUFACTURI
SRAVANI
SUDHA
SWATHI

महानिदेशक लेखापरीक्षा (केंद्रीय) का कार्यालय
सैफाबाद, हैदराबाद - 500 004.

OFFICE OF THE
DIRECTOR GENERAL OF AUDIT (CENTRAL)
SAIFABAD, HYDERABAD - 500 004.

No.DGA(C)/CEA/U- II/IIITDM/SAR.2019-20/2021-22/ **Date: 11.02.2022**

सेवा में
सचिव ,
भारत सरकार, शिक्षा मंत्रालय,
नई दिल्ली
महोदय,

विषय: Separate Audit Report (SAR) on the accounts of Indian Institute of Information Technology, Design and Manufacturing, Kurnool, for the year 2019-20.

******

Separate Audit Report (SAR) on the accounts of Indian Institute of Information Technology, Design and Manufacturing, Kurnool, for the year 2019-20, Annexure to SAR and one copy of the Audited Annual Accounts of the Institute for the year 2019-20, are forwarded herewith for placing before the Parliament.

The dates of presentation of Separate Audit Report in both the Houses of Parliament may please be intimated.

Receipt of this letter along with the enclosures may kindly be acknowledged.

भवदीय,

संल:यथोपरि

sd/-

Director General of Audit (Central)

No.DGA(C)/CEA/U-II /IIITDM/SAR.2019-20/2021-22/ 22 **Date: 11.02.2022**

Copy to: The Director, Indian Institute of Information Technology, Design and Manufacturing, Kurnool, Andhra Pradesh along with one copy of Annual Accounts for the year 2019-20 (English version),with a request to furnish Hindi version of the approved Annual Accounts 2019 - 20 (2 sets), to this Office.

संल: यथोपरि

Ch.V.Sai Prasad

Director/CEA

Separate Audit Report on the Accounts of Indian Institute of Information Technology, Design and Manufacturing, Kurnool, for the year ended 31 March 2020

We have audited the attached Balance Sheet of the Indian Institute of Information Technology, Design and Manufacturing, Kurnool, as at 31 March 2020, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

i. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.

ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payment Account dealt with by this report have been drawn up in the format approved by Government of India, Ministry of Finance.

iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required under Finance Bye-Law 31 of the Institute, in so far as it appears from our examination of such books.

iv. We further report that:

A. Receipts and Payments Account

A.1 Receipts:

A.1.1. An amount of ₹ 5,24,975 received from Ministry of Tribal Affairs and Social Justice, GOI towards Scholarships was not accounted as Receipts under Schedule VI of R&P Account. This needs to be rectified.

C.1.2. Due to incorrect accounting of interest amount on Terms Deposit as reinvested, the TDs were incorrectly shown as ₹ 16,73,72,075 instead of ₹ 14,74,80,000. This needs to be reconciled and rectified, if necessary.

B. General

1. An amount of ₹ 1,25,49,814 being the payment made to M/s Space Matrix Bangalore towards preparation of Master Plan, Statutory submission and complete Architectural and Engineering Design – Phase I Building was incorrectly classified under Site Development instead Buildings. This needs to be reviewed and rectified.

2. Completion and Handing over reports were awaited in respect of four works added to fixed assets during the year viz., A) building Academic and Admn BL-1 ₹ 10,38,89,784 B) Building kalam hall of Residency BL7A ₹ 7,13,83,707 c) Building Kalpana Chawla hall of Residence BL-2 ₹ 6,62,98,423 and d) Roads and Bridges: ₹ 4,66,88,642.

3. Value of the Capital Commitments was not disclosed.

4. Contingent Liabilities as prescribed by the format of accounts were not disclosed.

5. Retirement benefits/Gratuity/Leave encashment were not accounted on actuarial valuation as stipulated by Accounting Standard AS-15.

C. Grants-in-aid:

Out of the grants in aid of ₹ 50.84[1]crore (₹ 23.59[2] crore received during the year together with unutilized grant of ₹ 27.25[3] crore was available in March 2019) the Institute could utilize a sum of ₹ 23.52[4] crore leaving a balance of ₹ 27.32[5]crore (₹ 7.42[6] crore revenue grant + ₹ 16.10[7] crore Capital Grant) as unutilized grant as on 31 March 2020.

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[1] ₹ 50,83,39,710 – Schedule 10

[2] ₹ 23,59,00,000 – Schedule 10 (₹ 16,50,00,000 Revenue Grant + ₹ 7,09,00,000 Capital Grant)

[3] ₹ 27,24,39,710 – Schedule 3(C)

[4] ₹ 23,52,31,465 (Schedule 3(C) and Schedule 10

[5] ₹ 27,31,08,245 – Schedule 3 (C)

[6] ₹ 7,42,27,244 – Schedule 10

[7] ₹ 16,10,04,221 – Schedule 10

D. Management Letter

Deficiencies that have not been included in the Separate Audit Report have been brought to the notice of the Director, Indian Institute of Information Technology, Design and Manufacturing (IIITDM), through a Management letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payment Account dealt with by this Report are in agreement with the books of accounts.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in the Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:

a. *In so far as it relates to the Balance Sheet, of the state of affairs of Indian Institute of Information Technology, Design and Manufacturing, Kurnool, as at 31 March 2020; and*

b. *In so far as it relates to Income & Expenditure Account of the* ***Surplus*** *for the year ended on that date.*

Director General of Audit (Central)

ANNEXURE

1. **Adequacy of Internal Audit System:** There is no separate internal audit wing in the Institution. Internal audit was conducted by a Chartered Accountant Firm.

2. **Adequacy of Internal Control System:** The Internal Control System was not adequate due to the following.

   i. There is no system of surprise check of Stores and Stock.

   ii. Physical verification of fixed assets was not conducted.

   iii. Internal Audit wing is not established

   iv. There was no recruitment of Registrar, Internal Audit and Accounts officer.

3. **System of Physical verification of fixed assets:** Physical verification of fixed assets was conducted for the year 2019-20.

   1. The Institute did not maintain records/registers/ledgers. These included records related to procurement/availability of asset/updation of registers, records of physical verification/surprise check and verification etc.
   2. Fixed Assets register was not maintained.
   3. The Institute is not maintaining the stores/spares, Inventories, Loose Tools, Publications, Laboratory chemicals, consumables etc., under Inventories and not accounted for in the Annual Accounts. This needs to be rectified.

4. **System of Physical verification of Inventory:** Physical verification of Inventory was completed for the year 2019-20.

5. **Regularity in payment of statutory dues:** Statutory dues were paid regularly.

Director/CEA

जितेंद्र एस. करपे,
Jitendra S. Karape, IA&AS

सत्यमेव जयते

महानिदेशक लेखापरीक्षा (केंद्रीय)
सैफाबाद, हैदराबाद - ५०० ००४
Director General of Audit (Central)
Saifabad, Hyderabad - 500 004.

No.DGA(C)/CEA/U-II /IIITDM/SAR.2019-20/2021-22/23 Date: 11.02.2022

Dear Prof Somayajulu,

Audit of Annual Accounts of Indian Institute of Information Technology, Design and Manufacturing, Kurnool, for the year 2019-20, was conducted during February-March 2020. Significant comments on accounts are included in the Separate Audit Report issued separately to the Government of India, Ministry of Education, New Delhi and a copy marked to you. Some observations, which were not included in the Separate Audit Report, meriting the attention of management are detailed below to enable your office to take necessary corrective action.

1. An amount of ₹ 11,21,405 being the interest accrued but not due was not accounted for in the Income and Expenditure account under Sl.No.3 of Schedule 11- 'Income accrued but not due on Term Deposits/interest bearing advances of employees. However, this was incorrectly accounted for under Sl.No.2 of Schedule 'Interest of Term Deposits (Corpus).
2. The difference of ₹10,90,00,000 in between Schedule 7 and Annexure A to Schedule 7 needs to be reconciled and rectified
3. It was noticed that an amount of ₹ 12,32,75,486 was retained in Savings Bank account instead of investing the same as stipulated by the format of accounts
4. Schedules as prescribed by the format of accounts were not prepared and appended to the Annual Accounts. These included. Schedule 3 (a) Schedule 3(b) and (3) Schedule 15 A(4) Schedule 4A: Plan (5) Schedule 4B: Non plan (6) Schedule 4C: Intangible Assets (7) Schedule 4(C): Copyrights and (5) Schedule 4D.
5. Schedule 11was incorrectly titled as other investments, instead of Income from Investments.
6. An amount of ₹ 4.48 lakh paid towards site development in connection with landscaping was incorrectly shown under 'Land scaping & Horticulture'. This

Off. Phone No.: 040-23232069 E-mail : pdachyderabad@cag.gov.in Fax No. : 040-23232294

resulted in incorrect depiction of this expenditure as 'Land scaping & Horticulture' instead of 'Site Development' under Fixed Assets in the Balance Sheet (Schedule-4). This also resulted in incorrect charging of depreciation at 10 percent amounting to ₹45,699 (instead of no depreciation on 'Site Development') leading to understatement of Surplus in I&E account, understatement of Capital Fund and Fixed Assets in the Balance Sheet by an extent of ₹ 45,699.

7. The Interest on TDRs comprised of three components viz a) Interest due and paid by the Bank (but not received by the Institute) b) Interest accrued but not due (but not received by the Institute) and c) Interest credited on the TDRs encashed : totaling to ₹ 34.50 lakh . However, it was noticed that as against this amount, an amount of ₹ 33.60 lakh was only accounted for under Schedule 11 resulting in understatement of Income by ₹ 90 thousand.

With Regards,

Yours sincerely,

Prof. D V L N Somayajulu,
Director,
Indian Institute of Information Technology, Design and Manufacturing,
Kurnool.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, KURNOOL

(1)

BALANCE SHEET AS AT 31.03.2020

Amount in Rs.

SOURCES OF FUNDS	Schedule	2019-20	2018-19
CAPITAL FUND	1	286,340,339	108,083,062
CORPUS	1A	81,302,058	46,964,205
DESIGNATED/ EARMARKED	2	-	-
ENDOWMENT FUNDS	2A	2,449,870	-
CURRENT LIABILITIES & PROVISIONS	3	539,726,864	279,114,267
TOTAL		**909,819,132**	**434,161,534**
APPLICATION OF FUNDS	**Schedule**		
FIXED ASSETS	4		
Tangible Assets		344,146,654	26,563,190
Intangible Assets		2,765,334	481,634
Capital Works-In-Progress		9,109,130	182,125,573
INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS	5		
Long Term	5A	200,000	
Short Term			
INVESTMENTS - OTHERS	6		
CURRENT ASSETS	7	283,352,479	97,311,883
LOANS, ADVANCES & DEPOSITS	8	270,245,535	127,679,254
TOTAL		**909,819,132**	**434,161,534**
Significant Accounting Policies	23		
Contingent Liabilities and Notes to Accounts	24		

25/8/21

S. RAMESH GUPTHA, B.Com., F.C.A.
Chartered Accountant
#40/810, Srinivasa Nagar,
KURNOOL.

25/8/21

(K. SARANGADHARA)
OFFICER ON SPECIAL DUTY
(FINANCE & ACCOUNTS)
IIITDM, KURNOOL-518007.

DVLN Somayajul 25/8/2021

D V L N Somayajul
Director
डि वि एल एन सोमायाजुल
निदेशक
IIITDM KURNOOL

Checked

Sr. AO/CEA-04

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, KURNOOL

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31.03.2020

Amount in Rs.

Particulars	Schedule	2019-20	2018-19
INCOME			
Academic Receipts	9	60,978,252	41,217,109
Grants / Subsidies	10	74,227,244	38,939,812
Income from investments	11	3,359,052	1,913,869
Interest earned	12	1,324,605	1,418,775
Other Income	13	82,500	30,959
Prior Period Income	14	-	-
TOTAL (A)		139,971,653	83,520,524
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	25,515,327	13,005,775
Academic Expenses	16	20,514,460	8,458,168
Administrative and General Expenses	17	20,135,212	13,538,635
Transportation Expenses	18	4,570,530	1,667,937
Repairs & Maintenance	19	333,160	540,687
Finance costs	20	2,726,455	-
Depreciation	4	14,153,500	3,968,082
Other Expenses	21	432,100	218,701
Prior Period Expenses	22	-	-
TOTAL (B)		88,380,744	41,397,985
Balance being excess of Income over Expenditure (A-B)		51,590,909	42,122,539
Transfer to Corpus Fund : - a) Tution Fees : Rs 3,15,79,200.00 b) Interest on Corpus FDs : Rs. 27,96,653.00 TOTAL : Rs.3,43,37,853.00		34,337,853	26,170,567
Less: Assets purchased out of Corpus Fund			
Less: Revenure Expenditure met from Corpus Fund			
Building fund			
Others (specify)			
Balance Being Surplus / (Deficit) Carried to Capital Fund		17,253,056	15,951,972

S. RAMESH GUPTHA, B.Com., F.C.A.
Chartered Accountant
#40/810, Srinivasa Nagar,
KURNOOL.

(K. SARANGADHARA)
OFFICER ON SPECIAL DUTY
(FINANCE & ACCOUNTS)
IIITDM, KURNOOL-518007.

D V L N Somayajulu
Director
डि वि एल एन सोमायाजूलू
Director
IIITDM KURNOOL

checked
Sr. AO/CEA-04

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INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL					
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 2019-20					
.				(Amount in Rupees)	
RECEIPTS	**2019-20**	**2018-19**	**PAYMENTS**	**2019-20**	**2018-19**
I. Opening Balances:			**I. Expenses**		
SBI-34955766501	*46,831,937*	40,000,000	a) Establishment Expenses	25,515,327	11,727,299
SBI -37809637878	*7,291,788*	1,465,524	b) Academic Expenses	20,514,460	8,458,168
SBI -7844	*5,067,540*		c) Administrative Expenses	20,135,212	13,538,635
SBI CA -37806955974	*1,096,799*		d) Transportation Expenses	4,570,530	3,102,678
SBI Kurnool Corpus 26299	*535,032*	0	e) Repairs & Maintenance	333,160	540,687
SBI Padur 1129	*3,826,143*	1,757,626	f) Other Expenses	432,100	2,199,186
		0	g) Finance Costs	2,726,455	0
		0	**II. Payments made against Earmarked / Endowment Funds**		
		0	--- Earmarked Fund	0	0
II. Grants Received			--- Endowment Fund	0	0
a) From Govt. of India					
--- Towards General Fund	235,900,000	233,641,320	**III. Payments against Sponsored Projects / Schemes**	0	0
--- Towards Revenue Exp	0	0			
b) From State Government	0	0	**IV. Payments against Sponsored Felllowships / Scholarships**	0	0
c) HEFA Loan	255,400,000	0			
d) SERB	2,249,870				
d) DVLS Gold Medal Fund	200,000				
III. Academic Receipts (As per Annexure)	60,978,252	49,089,750	**V. Investments and Deposits made**		
			a) Out of Earmarked / Endowments funds	200,000	0
IV. Receipts against Earmarked / Endowment Fund			b) Out of Own funds	0	0
--- Earmarked Fund - SC / ST Sub Plan	0	0			
--- Endowment Fund	0	0	**VI. Term Deposits with Scheduled Banks**	167,372,075	0
			(		

(K. SARANGADHARA)
OFFICER ON SPECIAL DUTY
(FINANCE & ACCOUNTS)
IIITDM, KURNOOL-518007.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL					
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 2019-20					
				(Amount in Rupees)	
RECEIPTS	2019-20	2018-19	PAYMENTS	2019-20	2018-19
V. Receipts against Sponsored Projects / Schemes	0	0	VII. Expenditure on Fixed Assets and Capital Works - in - Progress		
a) IIITDM Kachipuram		3,530,758	a) Fixed Assets		20,000,283
b) Corpus fund		39,494,978	i) Site Development	13,698,900	
			ii) Electrical Installation & Equipment	4,347,146	
			iii) Equipment (Sports)	379,601	
			iv) Scientific & Laboratory Equipment	6,763,084	
			v) Audio Visual Equipment	556,776	
			vi) Computers & Peripherals	6,214,275	
			vii) Furniture, Fixtures & Fittings	7,487,085	
			ix) Lib. Books & Scientific Journals	1,423,580	
			x) Land scapping & Horticultural	456,986	
			b) Intangible Assets		
			i) Computer Software	4,432,677	
VI. Receipts against Sponsored Fellowships and Scholarships	0	0	b) Capital Work - in - Progress	0	182,125,573
VII. Income on Investments from			VIII. Other Payments inclstatutory payments		
--- Earmarked / Endowment Funds	0	0	Payment to CPWD	255,400,000	1,906,540
--- Other Investments	0	0			
--- Miscellaneous Receipts	0	251,506	IX. Refunds and Grants	0	0
VIII. Interest received on					
--- Bank Deposits	3,629,370	3,062,326	X. Deposits and Advances		
--- Loans and Advances	0	0	--- Other Deposits	0	0
--- Savings Bank Account	1,324,605	0	--- Advances to Co-ordinator / Dept	1,441,711	0
			--- Advance Rent to BSNL	1,239,000	0
IX. Investment encashed	0	0	XI. Other Payments - As per List enclosed	0	0
			IIIT-Kancheepuram		3,864,621
			Corpus Fund	0	39,494,978

(K. SARANGADHARA)
OFFICER ON SPECIAL DUTY
(FINANCE & ACCOUNTS)
IIITDM, KURNOOL-518007.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL					
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 2019-20					
.				(Amount in Rupees)	
RECEIPTS	**2019-20**	**2018-19**	**PAYMENTS**	**2019-20**	**2018-19**
X. Term Deposits with Scheduled Banks encashed	40,000,000	10,000,000	**XII. Closing Balances**		
			a) Cash in hand		
XI. Other Income (including PPI)			--- Main Cash Book	0	0
--- Income from L & B	0	0			
--- Other Income	82,500	0	**b) Bank Balances**		
			Canara Bank -2129	*13*	0
XII. Deposits & Advances			Canara Bank ESCRO - 661201002132	*109,000,000*	0
--- Other Deposits	4,544,062	1,976,742	Icici-027905015529	*10,000*	0
--- Advances Accounts	0	0	ICICI Bank A/c	*1,457,304*	0
--- Advance Rent to BSNL	0	0	SBI-34955766501	*8,680*	0
XIII. Misc Receipts incl Statutory Receipts			SBI -37809637878	*9,254,610*	
--- Statutory Liabilities	0	0	SBI -7844	*801,154*	
			SBI CA -37806955974	*2,762,418*	
XIV. Any Other Receipts - As per List Encl	0	0	SBI Kurnool Corpus 26299	*13,583*	
			SBI Padur 1129	*9,997*	
			FIXED DEPOSITS		32,662,645
			BANK ACCOUNTS		64,649,238
	668,957,898	**384,270,530**		**668,957,898**	**384,270,530**

25/8/21

S. RAMESH GUPTHA, B.Com., F.C.A.,
Chartered Accountant
#40/810, Srinivasa Nagar,
KURNOOL.

25/8/21

(K. SARANGADHARA)
OFFICER ON SPECIAL DUTY
(FINANCE & ACCOUNTS)
IIITDM, KURNOOL-518007.

25/8/2021

D V L N Somayajulu
Director
डि वि एल एन सोमयाजुलु
निदेशक
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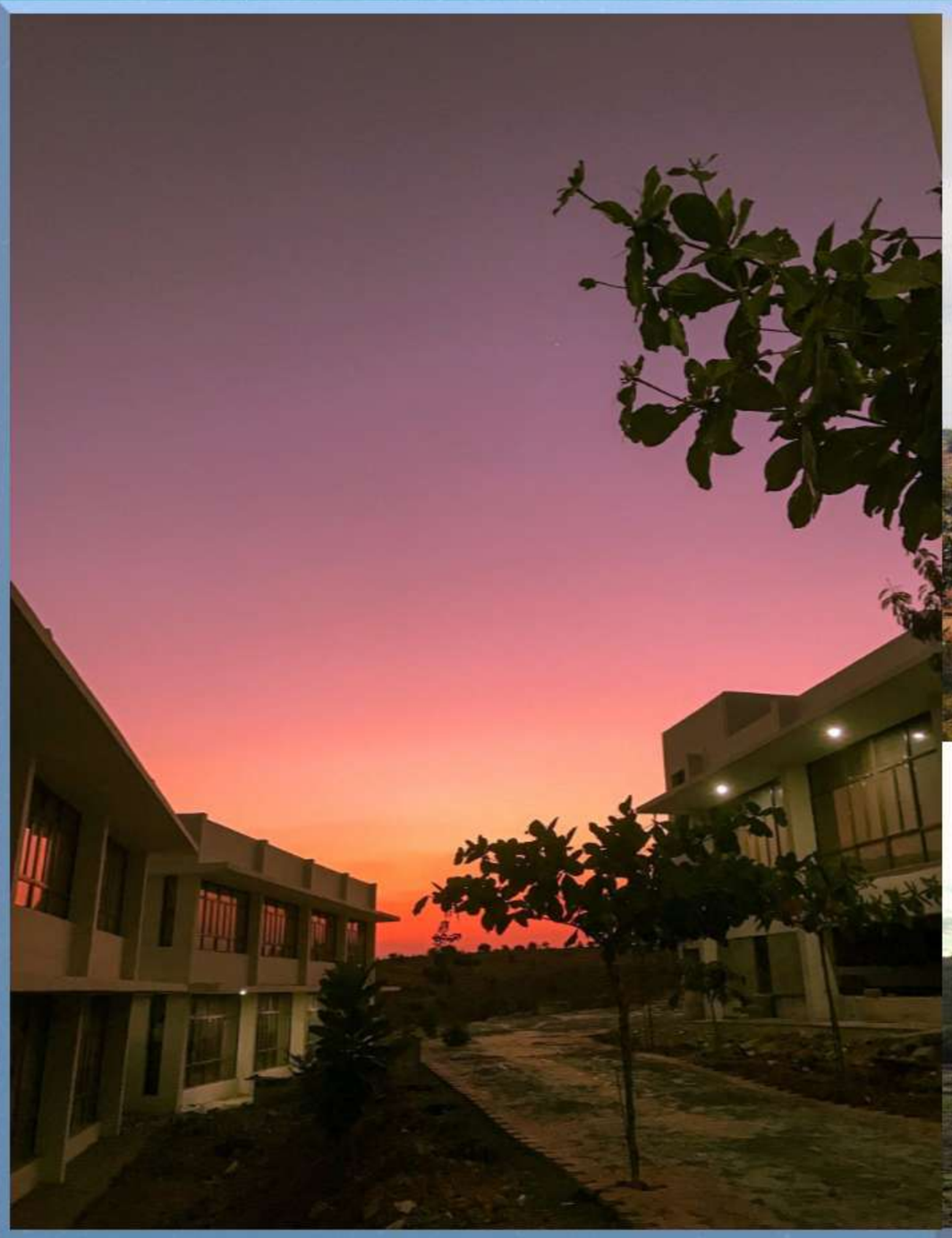
Sr. AO/CEA-04



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