

REPORT OF THE VICE-CHANCELLOR

Honorable Governor of Telangana State and Chancellor of Jawaharlal Nehru Technological University Hyderabad, **Sri E.S.L. Narasimhan**; the distinguished Chief Guest and Recipient of Honoris Causa, Dr. Uday B. Desai, Director, Indian Institute of Technology Hyderabad.

Respectable Members of the Executive Council, University officials, Directors, Principals of Constituent and Affiliated Colleges, invitees, Learned Colleagues, Recipients of Degrees and Gold Medal awardees and their Parents, Representatives of the Press and Media, Ladies and Gentlemen:

It gives me great pleasure to welcome you all to the VIII Convocation of Jawaharlal Nehru Technological University Hyderabad.

On this occasion, I extend a hearty welcome to the Hon'ble Governor of Telangana and Chancellor of Jawaharlal Nehru Technological University Hyderabad, **Sri E.S.L. Narasimhan**. We are grateful to you, Sir, for gracing this occasion.

It is an honour to welcome Dr. Uday B. Desai, Director, Indian Institute of Technology Hyderabad, Chief Guest, and Recipient of Honoris Causa. We thank you, Sir, for accepting the Honoris Causa from this University and consenting to deliver the VIII Convocation Address as the chief guest.

My sincere thanks are due to those who instituted Gold Medals and Scholarships for the rank holders in various academic disciplines. In this convocation 58 gold medals are instituted as follows: for the University Colleges: 16, Affiliated Colleges: 16 and Endowment Gold Medals: 26.

JNTUH has been endeavoring to excel in teaching and research in the disciplines of Science, Engineering & Technology, Management and Humanities & Social Sciences.

1.0 ABOUT THE UNIVERSITY

Jawaharlal Nehru Technological University Hyderabad was established in the year 2008 through A.P. Govt. Act No.30. The University jurisdiction spans over the entire Telangana State. JNTUH is accredited with 'A' Grade by the National Assessment and Accreditation Council (NAAC). The University is ranked 45th in the engineering stream of NIRF Rankings 2019. The University has four constituent colleges and three academic units in addition to twelve administrative units.

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

The University offers B.Tech in 18 branches; B.Pharmacy; and M.Tech. in 41 specializations; M. Pharmacy in 10 specializations; MCA, MBA, Pharma.D and Pharma.D (PB) programmes in affiliated colleges. In addition to the Constituent Units of the University, JNTUH has 260 Affiliated Colleges. They include 181 Engineering Colleges, 67 Pharmacy Colleges and 15 stand-alone MCA/MBA colleges spread over the 31 Districts of Telangana State. It has over 2.50 Lakhs of students on rolls. Thus, JNTUH is a major University providing quality technical education in the State.

2.0 FINANCIAL ASSISTANCE TO THE UNIVERSITY

- UGC sanctioned Rs.51.56 Lakh towards research projects and fellowships.

- CSIR Sanctioned Rs. 8.08 Lakhs towards fellowships.
- The Department of Science and Technology (DST) sanctioned Rs. 43.77 Lakhs towards fellowships and research projects.
- In addition to the above, Telangana Government provided grant-in-aid of Rs.63.40 Crores towards salaries during 2018-19.

2.1 Technical Education Quality Improvement Programme (TEQIP-III) at

JNTUH:JNTUH has been identified as an Affiliating Technological University (ATU) under the component of 1.3 of TEQIP- III by NPIU (National Project Implementation Unit) from 2017 to 2020. In order to implement TEQIP – III activities, the NPIU has granted an amount of Rs.7.00 Crore towards research activities and Faculty Development Programmes for Mentee Universities and JNTUH. The four mentee Universities of focussed states identified are:

- 1) Assam Science & Technology University, Guwahati, Assam,
- 2) Chattisgarh Swamy Vivekananda Technical University, Chattisgarh,
- 3) Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, Madhya Pradesh,
- 4) Rajasthan Technical University, Kota, Rajasthan.

Under TEQIP – III, five orientation programs, summer programs like EXCITE, IGNITE and Boot Camp, technical workshops, three regional level Hackathons and one central level Hackathon were conducted from April 2018 to March 2019.

As a part of TEQIP-III, the following activities were taken up:

- Dr. K.P. Supreethi, Prof. of CSE and Nodal Officer, TEQIP-III and Sri G. Bapuji, Deputy Registrar, attended the **PFMS twinning Programme** on 30th & 31st July 2018 at Bangalore.
- Dr. N. Yadaiah, Registrar and Dr. AVSSKS Gupta, Coordinator, TEQIP - III attended the **twinning arrangement meeting** on 30th July 2018 at Rajasthan Technical University (RTU) Kota.

- Dr. K. Naga Sujatha, Prof. of EEE, attended the **Mentor Mentee Interaction program** on Twinning Activities on 1st & 2nd September 2018, at GUIST, Guwahati.
- Dr. K.P. Supreethi, Prof. of CSE and Nodal Officer, TEQIP-III attended the **workshop** on “**Equity Action Plan**” on 14th November 2018 at Bangalore.
- Dr. AVSSKS Gupta, Coordinator, TEQIP – III attended the **inaugural function** of **Institution Innovation Council (IIC)** on 21st November 2018 at New Delhi.
- Dr. B. Padmaja Rani, Prof. of CSE and Coordinator, TEQIP-III and Dr. A. Rajani, Assoc. Prof. in ECE, attended two-day **National Conference** on “**Equity Achievement and Challenges in India**” on 15th & 16th March 2019.
- Dr. K. Manjulavani, Prof. of Civil Engg., Dr. B. Padmaja Rani, Prof. of CSE and Coordinator, TEQIP-III, Dr. K.P. Supreethi, Prof. of CSE and Nodal Officer, TEQIP-III, Dr. P. Srilakshmi, Assoc. Prof. in Civil Engg. and Dr. K. Prasanna Lakshmi, Assoc. Prof. in Mech. Engg. attended **workshop** on “**Establishment of Research Hub**” on 27th & 28th March, 2019 at Guwahati.

2.2 TEQIP - III at JNTUH College of Engineering Hyderabad: It is heartening to note that JNTUHCEH is identified as TEQIP-III institution with a funding of Rs.7.00 Crore. As part of TEQIP-III activities the college has to mentor Shri Mata Vaishno Devi University (SMVDU), Katra, J&K and Motihari College of Engineering, Bihar.

JNTUH CEH has conducted the following programs under TEQIP - III:

- **National Conference** on “**Remote Sensing Applications**” on 24th April 2018 at Department of Civil Engineering, JNTUH CEH.
- **Faculty Development Program** on “**Computational Fluid Dynamics & It’s Applications in Mechanical Engineering**” from 23rd to 27th April 2018 at Department of Mechanical Engineering, JNTUH CEH.

- **Guest lecture on “Catalytic Deactivation and Regeneration”** on 12th July 2018 at Department of Chemical Engineering, JNTUH CEH.
- **Workshop on “Real Time Simulations of Electrical Systems”** on 17th & 18th August 2018 at Department of EEE, JNTUH CEH.
- **Seminar on “Career Guidance in Artificial Intelligence”** by Teegala Johnson Jayakar on 23rd August 2018 at Department of CSE, JNTUH CEH.
- **Guest lecture on “Indigenization of Hafnium for space and Atomic Energy Applications from Ore to Metal”** on 28th September 2018 at Department of Metallurgical Engineering, JNTUH CEH.
- **National workshop on “Disaster Management”** on 28th September 2018 at Department of Civil Engineering, JNTUH CEH.
- **Symposium on “GEOPRACTICES-2018(GP)”** in collaboration with IGS Hyderabad on 29th September 2018 at Department of Civil Engineering, JNTUH CEH.
- **Guest lecture on “Recent Trends and Challenges in Investment Casing Process- A review”** on 16th November 2018 at Department of Mechanical Engineering, JNTUH CEH.
- **Guest lecture on “Role of Chemical Engineers in Pollution Control”** from 18th December 2018 at Department of Chemical Engineering, JNTUH CEH.
- **Workshop on “Internet of things”** on 20th December 2018 at Department of CSE, JNTUH CEH.
- **Workshop on “Hackathon on Smart Machines”** on 21st & 22nd December 2018 at Department of CSE, JNTUH CEH.
- **Guest lectures on “Basic Principles and Single Stage Mass Transfer Operations”** and **“Multi Stage Mass Transfer Operations and Equipment”** on 21st December 2018 at Department of Chemical Engineering, JNTUH CEH.

2.3 TEQIP - III at Institute of Science and Technology (IST), JNTUH: The Institute of Science & Technology has been identified under TEQIP - III and

sanctioned an amount of Rs. 7.00 Crore. IST JNTUH is mentoring Dayalbagh Educational Institute, Agra, U.P. under TEQIP-III.

IST, JNTUH has conducted the following programs under TEQIP-III:

- **National Seminar on “Geospatial Technology in Surveying & Mapping”** on 10th April 2018 at Centre for Environment, IST JNTUH.
- **Workshop on Earth Day with the theme “Mobilizing the World to End Plastic Pollution”** on 23rd April 2018 at Centre for Environment, IST JNTUH.
- **Workshop on “Intellectual Property Rights”** on 24th April 2018 at Centre for Biotechnology, IST JNTUH.
- **Workshop on “Environment Health and Safety (EHS)”** from 30th April – 2nd May 2018 at Centre for Environment, IST JNTUH.
- **5th National Conference on “Water Environment and Society (NCWES-2018)”** from 4th – 6th June 2018 at Centre for Water Resources, IST JNTUH.
- **Training Programme on “Outcome Based Education & NBA Accreditation”** from 25th – 27th July 2018 at Centre for Biotechnology, IST JNTUH.
- **Training Programme on “Global Navigation Satellite Systems”** from 1st – 3rd August 2018 at Centre for Water Resources, IST JNTUH.
- **Workshop on “Industrial Waste Management (IWM)”** from 8th – 10th August 2018 at Centre for Environment, IST JNTUH.
- **Workshop on “Recent Trends on Optimization Studies for Engineering Application”** from 13th – 14th August 2018 at Centre for Biotechnology, IST JNTUH.
- **Workshop on “Fundamentals of CRISPR-Applications in Genome Editing”** from 27th – 29th September 2018 at Centre for Biotechnology, IST JNTUH.
- **International Conference on “Nano Science, Engineering and Application (ICONSEA)”** from 4th - 6th October 2018, at Centre for Nano Science and Technology, IST JNTUH.

- **Workshop** on “**Migration, Navigation and Biomimicking Aerial Vehicles**” from 1st – 3rd November 2018 at Centre for Biotechnology, IST JNTUH.
- **Workshop** In collaboration with M/s. Biomerieux “**Advanced technologies for Identification of Bacteria**” from 27th - 28th November 2018 at Centre for Environment, IST JNTUH.
- **Workshop** on "Round Table Discussion on River Basin Management Bill 2018, “**Institutions for River Basin Management: Challenges and Solutions**” on 1st December 2018 at Centre for Environment, IST JNTUH.
- **Workshop** on “**Good Governance**” by faculty members of JNTUH to Dayalbagh Educational Institution, Agra from 15th - 17th December 2018 at IST JNTUH.
- **Workshop** on “**NBA, e-SAR preparation, Mapping of CO-PO**” was conducted by the IST faculty members to the DEI faculty members from 17th - 19th December 2018 at IST JNTUH.
- **5th International Conference** on “**Hydrology and Watershed Management (ICHWAM-2019)**” from 12th - 15th February 2019 at Centre for Water Resources, IST JNTUH.

2.4 Research Projects Sanctioned: New research projects worth more than Rs.1.11 Crore have been received from various central and state level funding agencies by various faculty members of constituent colleges/units. The details of projects are summarized below:

2.4.1 Institute of Science & Technology, JNTUH

S. No	Name of the Department	Name of the Principal Investigator(s) & Designation	Details of the Project	Duration of the Project	Sanctioned Agency	Amount (Rs. In Lakhs)
1.	Centre for	Dr. A. Uma,	Scale up of biomass	2018-	HPCL	27.39

	Biotechnology	Asst. Professor & Head	pretreatment process and the generation of lignocellulosic components to produce novel biopolymers	2020	TEQIP-III	
			Screening of sorghum Cultivars for high anti-oxidant activity	2018-2020		2.0
		Dr. Archana Giri, Professor	Enhanced production of Curcumin from hairy root rhizolclones and elicitation driven gene expression studies in Curcuma longa	2018-2020		2.0
		Dr. L. Saida, Asst. Professor	In Vitro Evaluation of Antimicrobial and Antioxidant activity of Anethum graveolens	2018-2020		2.0
2.	Centre for Chemical Sciences and Technology	Dr. A. Jaya Shree, Professor of Chemistry & Head	Synthesis, Molecular Properties, Prediction and Biological activity of citrate tagged 3-Oxodiazole derivatives of fluorofinalones	2018-2019		2.0

3.	Centre for Environment	Dr. V. Hima Bindu Professor & Head	Treatment of industrial waste water using movable electrochemical reactor	2018-2019	MSME	4.00
			Collaborated Project On “Monitoring of Air Pollution and Studies on Speciation, Source Apportionment in Hyderabad Urban Environment” With DE Institution Dayalbagh, Agra	2018-2019	TEQIP-III	2.0
			Impact study on mission kakatiya of Telangana state-A case study of maryala water shed using geospatial technology	2018-2019		2.0
			Dr. M Anji Reddy Professor & Director, R&D	Surveying and mapping of agriculture and land utilization.		2018-2019
4.	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao, Professor & Head	Crop production and plan nutrition and soil health management	2018-2019	Agastya Agro Limited	14.2
			Synthesis & Characterization of	2018-2020	TEQIP - III	2.0

			Graphene / Metal oxide core shell nanostructures for enzymatic glucose sensing			
		Dr. Ch. Shilpa Chakra, Assistant Professor & BoS Chair	Adsorption studies and removal of fluoride from aqueous solution using Nanocomposite materials	2018-2020		2.0
5.	Centre for Water Resources	Dr. B. Venkateswara Rao, Professor & Director, IST	Ground water modeling of subledu basin	2018-2020	TEQIP - III	2.0
		Dr. C. Sarala Professor & Head	Surface Water Quality Analysis and Treatment	2018-2020		2.0
		Dr. K. Rama Mohan Reddy, Professor	IDL Lake kukatpally Restoration, Conservation and Management	2018-2020		2.0
		Dr. M.V.S.S. Giridhar, Professor	Assessment of Ground Water Quality with the effect of implementation of Rainwater Harvesting Structures in the Regions of Fluoride Affected Areas	2018-2020		2.23
			Spatiotemporal	2018-		Earth

			effects of Urbanization on Surface Water bodies and its impact on Soil and Vegetation Ecosystem	2020	watch	
TOTAL						111.72

2.5 Ongoing Research Projects:

Research Projects worth Rs. 7.00 crore are being carried out by various faculty members of constituent colleges/units. The details are given below:

2.5.1 JNTUH College of Engineering Hyderabad

S. No	Name of the Department	Name of the Principal Investigator(s) & Designation	Details of the Project	Duration of the Project	Sanctioned Agency	Amount (Rs. In Lakhs)
1.	Civil Engineering	Dr. S. Srinivasulu, Professor & Dr. V. Hima Bindu, Professor	Cost of Effective and novel treatment method development for the remediation and reuse of pesticide industrial waste water	2017-2019	DST	18.70
		Dr. P. Srinivasa Rao, Professor	Assessing Suitability of Processed OB for Civil Construction Purpose	Dec 2017- Dec 2019	Singareni Collieries Company Ltd.	5.0
2.	Mechanical Engg.	Dr. A. Chennakesava Reddy,	Incremental Deep Drawing Process	2013-2018	UGC-SAP	41.00

		Professor & Director, UFR				
		Dr. P. Bhramara, Professor	Nano Lubricant Performance in R& AC Applications	2015- 2018	AICTE- RPS	24.00
3.	Electrical & Electronics Engg.	Dr. N.Yadaiah, Professor & Registrar	Design and Development of brain inspired intelligent controller to solve complex non-linear problems	2015- 2018	DST	51.83
4.	Electronics & Comm. Engg.	Dr. K. Anitha Sheela, Professor & Dr. K.P. Supreethi, Professor	Design Construction and Analysis of Comprehensive Datasets for Emotion Recognition using Multiple Biometrics	2017- 2020	UGC- Major Research Project	11.30
		Dr. L. Pratap Reddy, Professor	Analysis and Study of Dynamic Evolutionary Algorithms for Optimization Problems	2017- 2019	RCI	9.90
		Dr. M. Madhavi Latha, Professor	Implementation of High data rate Communication based on Low Power FFT architecture and	2018-	DRDO- CARS	22.19

			Compression Technique			
		Dr. D. Srinivasa Rao, Professor	Development of Early warning System for Landslide Detection	2017- 2020	AICTE – RPS	24.70
		Dr. T. Satya Savithri, Professor	Design and Development of CAD System to Detect nodule in Chest Radiographs	2017- 2020	AICTE – RPS	10.42
			VLSI & e- CAD Lab	2017- 2020	AICTE – MODROBS	10.32
5.	Computer Science and Engineering	Dr. V. Kamakshi Prasad, Professor & Director, Evaluation	Speech Recognition System for Indian Languages	2016- 2017	UGC Minor Research Projects	1.85
TOTAL						231.21

2.5.2 School of Information Technology, JNTUH

1.	Computer Science and Engineering	Dr. A. Govardhan, Professor & Rector	Information Security Education and Awareness (ISEA) Phase II	2015- 2020	MEITY, Govt. of India	108
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2.5.3 JNTUH College of Engineering Manthani

1.	Civil Engineering	Dr. N. Darga Kumar, Assistant Professor & Head	“Lateral Load Capacity of Timber Poles Embedded in Soapstone”	2016- 2019	Fiji National University, Fiji Islands	3.00
			“Development of	2016-	Fiji National	3.00

			Correlations Between Dynamic Cone Penetration Resistance, CBR and In-situ Dry Density of Tropical Residual Soils in Viti Levu, Fiji”.	2019	University, Fiji Islands	
TOTAL						6.00

2.5.4 Institute of Science & Technology, JNTUH

1.	Centre for Biotechnology	Dr. A. Uma, Assistant Professor & Head	“Development of sorghum genotypes “Suitable for lignocellulosic biofuel production through marker- assisted gene pyramiding of brown midrib genes”	2015- 2020	DBT	14.28
			Animal cell line metabolomic facility	2016- 2021	DST- FIST	60.00
		Dr. Archana Giri, Professor	“Production of high value recombinant protein-adiponectin in plant cell cultures- A biopharming initiative”	2015- 2018	UGC – Major Research Project	13.6
		Ms. K. Naga Lalitha, DST Women Scientist	--	2017- 2020	DST WOS-A	22.90
2.	Centre for Chemical Sciences and	Dr. A. Jaya Shree, Professor of	To Strengthen the Research Facilities in The Department	2014- 2019	DST-FIST	45.00

	Technology	Chemistry & Head	Process Development of Genetic oncology-Active Pharmaceutical Ingredients	2017-2020	Industrial R&D project-PS3 Labs	15.0
			MODROBS	2016-2018	AICTE	12.0
		Dr. V. Jyothi, DST Women Scientist	Design Synthesis & development of E7010 & Phenastatin based new class of anticancer agents and their biological Evaluation	2017-2020	DST-WOS-A	28.0
3.	Centre for Environment	Dr. Ch. Sasikala, Professor	Biodegradation of Pharmaceuticals and Personal Care Products degrading bacterial diversity and their potential application in the wastewater treatment	2018-2020	UGC (midcareer award grant)	10.00
		Dr. V. Himabindu, Professor & Head	Cost effective and novel treatment method development for the remediation and reuse of pesticide industrial waste water	2017-2019	DST	21.00
		Dr. T. Vijaya Lakshmi, Assistant Professor	Geospatial Technologies for Village Information System (in principle sanctioned and	2015-2019	NRDMS-DST, GoI	31.00

			waiting for the orders)			
4.	Centre for Pharmaceutical Sciences	Dr. G. Krishna Mohan, Professor	To Strengthen the Research Facilities in The Department	2014-2019	DST-FIST	55.00
		Dr. S. Shobha Rani, Assoc. professor & Head	Design Microwave synthesis of novel angiogenesis inhibitors as potential cytotoxic and DNA intercalators	2013-2017	UGC Major Research Project	14.35
5.	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	Drinking water Augmentation to SC communities in fluoride affected areas of Nalgonda district through rain water Conservation	2016-2018	NRDMS, DST, New Delhi	5.52
			Demonstration and Education of best practices in Rainwater Conservation in Fluoride affected areas	2017-2019	DST, New Delhi	6.65
TOTAL						354.3

3.0 PROGRAMMES ACCREDITED BY NATIONAL BOARD OF ACCREDITATION(NBA)

The programmes offered at various Colleges /Units of JNTUH have been accredited by NBA from time to time; the details are given below:

3.1 JNTUH College of Engineering Hyderabad

S. No	Name of the UG/PG Programme	Duration of Accreditation	Current status
1.	B.Tech. Civil Engineering	2013-15	Under Process for renewal
2.	B.Tech. Mechanical Engineering	2014-19	Accredited
3.	B. Tech. Electronics & Comn. Engg.	2014-19	Accredited
4.	B. Tech. Electrical and Electronics Engg.	2014-16	Under Process for renewal
5.	B.Tech. Computer Science & Engg.	2014-16	Under Process for renewal
6.	B.Tech. Metallurgical Engg.	2014-16	Under Process for renewal
7.	M.Tech. Advanced Manufacturing Systems	2013-18	Accredited
8.	M.Tech. Computer Science	2014-17	Under Process for renewal
9.	M.Tech. Digital Systems and Computer Electronics	2013-16	Under Process for renewal
10.	M.Tech. Electrical Power Engineering	2013-16	Under Process for renewal
11.	M.Tech. Geotechnical Engineering	2013-18	Accredited
12.	M.Tech. Power Electronics	2013-16	Under Process for renewal
13.	M.Tech. Structural Engineering	2013-16	Under Process for renewal
14.	M.Tech. Thermal Engineering	2013-16	Under Process for renewal
15.	M.Tech. Systems and Signal Processing	2013-19	Accredited

3.2 Institute of Science and Technology, JNTUH

S.No	Name of the M.Tech. Programme	Duration of Accreditation	Current status
1.	Bio Technology	2018-21	Accredited
2.	Chemical Technology	2016-19	Accredited
3.	Environmental Management	2018-21	Accredited
4.	Environmental Geomatics	2018-21	Accredited
5.	Nano Technology	2016-19	Accredited
6.	Water and Environmental Technology	2018-21	Accredited

Autonomous Status has been granted to **One** constituent college and **two** constituent units and **twenty-six** affiliated colleges of JNTUH, out of which 20 affiliated colleges are accredited by NAAC and 32 affiliated Colleges are accredited by NBA.

On the basis of the above facts and findings, a brief report on the academic and infrastructural development activities and achievements of this University since the last convocation is presented:

4.0 ACADEMIC ACTIVITIES

4.1 Industry-Oriented Curriculum

JNT University Hyderabad is actively involved in collaborative programmes and has constituted its Boards of Studies involving experts from academia and industry. The following members of the faculty are the Chairpersons of respective Boards of Studies, with the Director of Academic and Planning as the Convener:

S.No	Board	Name of the Chairperson
1	Civil Engineering	Dr. S. Srinivasulu, Professor of CE
2	Electrical and Electronics Engineering	Dr. M. Suryakalavathi, Professor of EEE
3	Mechanical Engineering	Dr. B. Anjaneya Prasad, Professor of ME

4	Electronics and Communication Engineering	Dr. M. Asha Rani, Professor of ECE
5	Computer Science and Engineering	Dr. O.B.V. Ramanaiah, Professor of CSE
6	Metallurgy and Material Technology	Dr. S. Devaki Rani, Professor of Mett. Engg.
7	Chemical Engineering	Director, Academic & Planning
8	Biotechnology	Dr. Archana Giri, Professor of Biotechnology
9	Mathematics	Dr. M.N.Raja Shekar, Professor of Mathematics
10	Physics	Dr. S. Venkateshwara Rao, Assoc. Professor in Physics
11	Chemistry	Dr. A. Jaya Shree, Professor of Chemistry
12	English	Dr. NVSN Lakshmi, Assoc. Professor in English
13	Management Sciences	Dr. Sindhu, Prof. of Management Studies
14	Pharmacy	Dr. M. Sunitha Reddy, Assoc. Professor in Pharmaceutical Sciences
15	Environmental Sciences	Dr. T.Vijaya Lakshmi, Asst. Professor in Environmental Sciences
16	Water Resources	Dr. M.V.S.S. Giridhar, Professor of Water Resources
17	Earth and Atmospheric Sciences	Dr. B. Venkateswara Rao, Professor of Water Resources
18	Nano Science and Technology	Dr.Ch. Shilpa Chakra, Asst. Professor in Nanotechnology
19	Spatial Information Technology	Dr. M. Viswanadham, Professor of Civil Engg.

4.2 Reforms in Examination System and Evaluation

The Directorate of Examinations and Evaluation of JNTUH has been conducting the examinations smoothly and evaluating the answer scripts of **3.50** lakh students per semester with utmost care, commitment, and transparency. This Directorate has introduced the following innovative reforms in JNT University Hyderabad:

1. Improvement of amenities to the evaluators.

During the peak time of spot valuation, about 500 evaluators visit the exam branch for evaluating the exam answer scripts. It is essential to provide the basic amenities like keeping their belongings at a secured place and a facility for dining. At the ground floor of the exam branch a facility has been created for keeping the bags and belongings and to take lunch. This initiative helped to keep the security, hygienic conditions as well as the comfort to the evaluators.

2. Distribution of notebooks to the students of Govt. High Schools, which are prepared from the unused answer booklets.

A large number of pre-printed answer booklets of the absent students are returned un-used to the University examination branch after the semester examinations. These answer booklets are generally sent for shredding. It is proposed to make student note booklets of each 180 pages by removing the cover page and combining six exam answer booklets. One lakh note books have been prepared in the last year and distributed to the students of government high schools in the state. These answer booklets have been distributed through the NSS unit of the University. This activity is perceived as an extension activity of the University.

3. Bifurcation of the data in the results processing server.

At the results processing section only one server was used earlier for all the data records of the candidates for whom the original degrees have already been issued as well as for the students who are studying/course completed but having backlogs. As the records run into crores, it poses the challenges like delay in query execution as well as breach of security. To avoid these problems, the data of the result processing server had been bifurcated into 1) the data of the graduates for whom the original degree certificates had been issued and 2) the data of the students who are still studying/writing University exams.

4. OD generation from the server data along with 2-D bar code.

The original degree generation service has been outsourced from the year 2006 onwards to third party agencies. Now the original degree certificate generation

along with semester-wise marks 2-D bar codes at the back page, have been indigenously carried out. This initiative contributed a substantial saving to exam branch. As no separate server is maintained now, and all processing happens on one single data, the in-consistency problems are completely eliminated.

5. On-Screen evaluation of PG exams.

The University examination branch has initiated the on-screen evaluation for the examination papers of M.Tech and M.Pharmacy courses on experimental basis during December-January-2019 examinations. The answer papers have been successfully evaluated and the results have been announced. The main advantages of this new evaluation system is quick evaluation, easy maintenance, retrieval and storage, possibility for scaling up the activity, evaluation from remote location etc.

6. T-Wallet payments for different exam-branch services.

The Payment of fee for different student services has been enhanced by introducing T-wallet mode of receipts. This service is available to students in-addition to existing challan/DD and payment gateway services.

7. Renovation of SDC.

The Software Development Center (SDC) has been renovated with new work stations, better ambience and amenities. The new facility is made operational from April, 2019.

4.3 Degrees Awarded

A total of 73759 Undergraduate, Postgraduate, Doctor of Pharmacy and Doctor of Philosophy degrees are being awarded in this Convocation for the academic year 2017-18. The details are as follows:

Honorary Doctorate (Honoris Causa)	1
Research Degrees in Ph.D.	251
M.S.	02
Postgraduate Degrees	12850
Undergraduate Degrees	60167

MoU Courses		134
PG Diploma		07
Pharma. D.		348
Gold Medals		58
For the toppers of University Colleges	16	
Endowment Gold Medals	26	
For the toppers of the Affiliated Colleges	16	

On behalf of the University, I offer my heartiest congratulations to the recipients of Gold Medals, the graduating students and their proud and happy parents.

4.4 Affiliation Process: The University is accountable to the society for a high standard of academic performance in its Constituent and Affiliated Colleges. In order to improve the quality of Technical Education, JNTUH has developed a clear and transparent method of Affiliation Procedure, and implemented it through online. A separate portal has been launched in public domain for updating information of all the affiliated colleges from time to time, which is authenticated by the Director, Directorate of Academic Audit of the University. The University has been implementing the Biometric Attendance system for faculty and PG Students to improve the quality of technical education.

In every Academic Year, the University Academic Audit Cell of JNTUH constitutes Fact Finding Committees (FFCs) and deposes them to the colleges to assess the status of Faculty, Staff, Library, Laboratories, Building Space, Infrastructure, and other facilities. Based on the FFC Reports, the University identifies eligible colleges along with their courses and intake, and accordingly affiliation letters are issued to the colleges.

The Academic Audit Cell conducts meetings of all the Managements/ Directors / Principals of all colleges affiliated to JNTUH before class work begins in every academic year:

- To review Academic Progress of the previous Academic Year, the Academic Calendar for the next Academic Year and the University Rules.
- To take necessary steps to prevent the menace of ragging in their institutions in general, and boys and girls hostels, in particular.
- To bring awareness about the need for ratification of Principals/Faculty as per UGC, AICTE & JNTUH norms.
- To announce the Academic Calendar Rules and Regulations of JNTUH examinations.

Guidelines have been prepared for all the affiliated colleges of JNTUH for the following permissions and recognitions:

- Closure of Course(s) and Institution(s)
- Establishment of Research Centre
- Integrated / Technical Campus
- Hostel Maintenance in all Colleges affiliated to JNTUH

4.5 Developments on the Academic Front

The Directorate of Academic & Planning is headed by the Director, assisted by a Coordinator, Joint Registrar, Assistant Registrar and other Staff. It looks after Academic & Planning works of the University which include preparation of Academic Calendar, constitution of Boards of Studies in various Disciplines, conduct of BoS Meetings, Revision of Curricula, Syllabi and Academic Regulations from time to time for UG, PG and Research Programs. In addition, it also looks after Academic Programs of colleges affiliated to JNTUH, and correspondence with MHRD, UGC, AICTE, PCI, DST and other funding agencies for recognition of UG and PG programs, scholarships, projects, funds and grants.

This Directorate is responsible for initiating, executing and monitoring of Memoranda of Understanding (MoU) with National and International Universities, Institutions, Industries and other Private Organizations.

Other responsibilities include the following:

- i. Conducting of meetings of University Committee for Perspective Planning (UCPP) and to take decisions for development of Constituent Colleges/Units of the University.
- ii. Conducting of University Purchase Committee meetings to finalize the decision to purchase the Equipment for Constituent Colleges/Units of the University.
- iii. Permission to start new Courses/Centers/Units/Constituent Colleges.
- iv. Forwarding the proposals of Affiliated Colleges with recommendations to the UGC for grant of 2(f) & 12(B) Status and Autonomous Status.
- v. Conducting meetings of Academic Senate.

4.6 Memoranda of Understanding (MOU)

The University has signed Memorandum of Understanding (MoU) with a number of International and National academic institutions/industries for mutual co-operation in a number of areas, such as:

- Student Exchange Programme
- Double Degree Masters Programme
- Integrated Double Degree Masters Programme
- International Integrated Double Degree Masters Programme
- Staff Exchange Programme

4.6.1 New MoUs with Private Organizations/Institutions/Industries:

S. No.	Name of the Organizations	Courses Offered
1.	Confederation of India Industry, Hyderabad (2019)	The objective of the MoU is to create an IP ecosystem at J-HUB. It includes supporting student and faculty innovations by way of creating awareness, counselling, search and filing of IPR.
2.	All India Council for Technical Education, New Delhi. (2019)	AICTE-JNTUH training programs for faculty members to prepare them for being successful in a knowledge society.

4.6.2 Existing MoUs with International Organizations/Institutes:

S. No.	Name of the Organizations	Courses Offered
1	Carnegie Mellon University, USA (AP State Council Higher Education, Hyderabad and JNTUH)	2-Year MSIT Programme
2	Central Michigan University, USA	2-Year MBA Programme
3	Asian Institute of Technology (AIT), Bangkok, Thailand (through SHE foundation)	5-Year International Integrated Double Degree Masters Programmes (IIDDMP) in B. Tech (CE, CSE, ECE, EEE and ME) & M. Tech in relevant field by JNTUH and M.E by AIT, Bangkok
4	SRIIT, Hyderabad A tripartite agreement was entered between University of Massachusetts, JNTUH and SRIIT	5-Year Global Integrated Engineering Programmes (BS & MS) degree in IT, ECE, and CSE
5	Blekinge Institute of Technology, Sweden	5-Year Integrated Double Degree Masters Program (IDDMP) into B. Tech (ECE, CSE, ME) & M. Tech in relevant field by JNTUH and M. Sc (Engineering) by BIT, Sweden
6	Southern Illinois University, Center for International Education	Enhancing global educational opportunities for students and improved professional development opportunities for faculties and other staff

4.6.3 Existing MoUs with Public and Private Organizations/Institutions/Industries:

S.No	Name of the Organizations	Courses Offered
1.	National Academy of Construction, Hyderabad	1-year PG Diplomain i. Construction Project Management ii. Quantity Surveying & Contracts Management
2.	Central Institute of Tool Design, Hyderabad	2- year M. Tech.in Mechatronics

3.	Military College of Electronics and Mechanical Engineering, Secunderabad	2-year M. Tech. in i. Computer Technology ii. Aviation Technology
4.	National Institute of Tourism and Hospitality Management, Hyderabad	i. 2-year MBA (Tourism & Hospitality) ii. 4-year BBA (Tourism & Hospitality)
5.	Telangana State Aviation Academy, Hyderabad	5- year integrated course in M. Sc. (Aviation) with specializations Mechanical/ Avionics (Ground Duty Stream)
6.	Veda Institute of Information Technology, Hyderabad	2-Year MS program in VLSI Engineering
7.	Indian Institute of Chemical Technology, Hyderabad	Under this MoU, JNTUH on its part would admit students of CSIR / ICMR /UGC /JRF /SRF /Project Assistants/any other National Scholarship holders/IICT employees working at IICT/CSIR under their Ph. D Programme.
8.	Mahindra Educational Institutions, Hyderabad	4-Year B. Tech. Programmes 1. Civil Engineering 2. Mechanical Engg. 3. Electrical Engineering 4. Computer Science and Engineering
9.	Annapurna International School of Film + Media, Hyderabad	2-Year Master of Media Business Administration (MMBA) course
10.	International Academy of Computer Graphics, Hyderabad	Bachelor of Multimedia (BMM) and M.Sc. (Multimedia) programmes
11.	Confederation of Indian Industry - Sohrabji Godrej Green Business Centre.	Joint Activities on Environmental Management and Education.”
12.	TATA Consultancy Services Limited, Mumbai.	TCS agrees to offer a package of TCS Academic Interface Programme. TCS shall support the student and teacher communities through workshop, Faculty Development Programs and student internships
13.	Hexagon Capability Center India Private Limited, Hyderabad	To train the M. Tech students on the state of art GNSS technologies and also students of Geomatics / Environment/ Water Recourse/ Civil/ Geo-Informatics background from other centers of JNTUH.

4.7 Admission of Foreign Students:

At present the University has more than 188 Foreign National students from 24 countries pursuing B.Tech., Integrated Dual Degree Programmes, M.Tech., M.Sc., MCA, MBA, and Ph.D. programs in various disciplines of Engineering & Technology, Sciences and Management.

Directorate of University Foreign Relations organizes visits to various countries to achieve the following objectives:

- To promote collaborations among the Universities and to establish effective partnerships through meetings with the officials concerned.
- To explore the possibilities of cooperation with other universities across the globe. Such co-operation will be useful to our university for exchange programs, exchange of members of the faculty and more particularly to increase the revenue of the university by attracting the students under Foreign Student Category.
- To interact with academicians from various Schools/Universities.
- To assess their areas of strength and identify the common areas in which one could undertake research and Postgraduate programs.

5.0 DIRECTORATE OF J-HUB (JNTUH INNOVATION HUB)

The JNTUH Innovation Hub (J-HUB) was established on 6th January 2018 as a platform for various stages in innovation ecosystem from ideas to incubation.

The first official Hackathon League was conducted to recognize and reward students' ideas. A series of 15 hackathons were conducted across the University on the theme of "Sustainable Development Goals". A total of 3500 students participated in the event. The students picked a few industry 4.0 skills such as- AIML, IOT, and Block-chain during the workshops conducted at the Hackathons. The innovative minds hacked for over 36 hours at a stretch to build a prototype of their idea. On Health care, Agriculture, Water Conservation, Industry and Infrastructure, student ideated and hacked overnight to demo their proof of concept. Nearly 450 ideas were demoed in all. The top 20

have been presented with innovation awards HYSEA innovation forum has been chief partner in the league.

In addition, students bagged prizes at several National and International Hackathons in Smart India Hackathon, AEGON.

Constituent and Affiliated colleges established 30 J-Labs to step up their innovation, entrepreneurship and incubation.

The winning ideas and various events are being nurtured to EXCITE, flagship program for product engineering. The idea accelerator program has a cohort of 20 teams competing for the incubation space and support from NIDHI-TBI. The IP Ecosystem to protect student and faculty innovation has been setup jointly with CII-IPR cell.

Industry/Alumni mentor network has been built to support the ideas at various stages. Maker lab is established to support prototyping efforts. The Research Hub with focus on deep learning, wind energy solution is being established with TEQIP – III funds to support faculty research and student innovation.

6.0 GOVERNANCE

The following members have been appointed for the Executive Council of JNTUH by the Government:

1.	Prof. A. Venugopal Reddy Vice-Chancellor Jawaharlal Nehru Technological University Hyderabad, Hyderabad	Chairman
2.	Dr. A. Govardhan Rector Jawaharlal Nehru Technological University Hyderabad, Hyderabad	Member
3.	Sri Ajay Mishra, IAS Special Chief Secretary to Government, Higher Education Department, Telangana State, Hyderabad	Member
4.	Sri K. Ramakrishna Rao, IAS Special Secretary to Government, Finance and Planning Department, Telangana State, Hyderabad	Member
5.	Sri Navin Mittal, IAS Commissioner of Technical Education, Telangana State, Hyderabad	Member
6.	Dr. K. Vijaya Kumar Reddy Prof. of Mechanical Engineering, JNTUH CEH, Hyderabad	Member
7.	Smt. G. Annapurna Assoc. Prof. in EEE, GNITS for Women, Hyderabad	Member
8.	Sri N. Sridhar, IAS Chairman and Managing Director, Singareni Collieries Company Limited	Member
9.	Dr. Ahmed Kamal Pro Vice-Chancellor, Jamia Hamdard, New Delhi	Member
10.	Sri Anil Kumar Epur Director, RANE Brake Lining Ltd., Hyderabad	Member
11.	Dr. N. Yadaiah Prof. of EEE and Registrar JNTUH, Hyderabad	Secretary

6.1 For effective governance and decentralization of administration, several members of the faculty have been appointed in administrative positions in different capacities. The list of administrators occupying various positions is given below:

S. No.	Posting	Name	Designation
1.	Rector	Dr. A. Govardhan	Prof. of CSE
2.	Registrar	Dr. N. Yadaiah	Prof. of EEE
3.	Finance Officer	Sri G. Janardhan Rao	-
4.	Director, Academic & Planning	Dr. B. N. Bhandari	Prof. of ECE
5.	Director of Evaluation	Dr. V. Kamakshi Prasad	Prof. of CSE
6.	Director, UAAC	Dr. M. Srinivasa Rao	Prof. of CSE
7.	Director, R&D	Dr. M. Anji Reddy	Prof. of EST
8.	Director, UFR	Dr. A. Chennakesava Reddy	Prof. of ME
9.	Director, BICS	Dr. B. Dean Kumar	Prof. of CE
10.	Director, Admissions	Dr. M. Manzoor Hussain	Prof. of ME
11.	Director, SCDE	Dr. M. Surya Kalavathi	Prof. of EEE
12.	Director, UGC-HRDC	Dr. G. K. Viswanath	Prof. of CE
13.	Director, UIIC	Dr. Ch. Venkata Ramana Reddy	Prof. of Chemistry
14.	Director, J-HUB	Dr. G. Vijaya Kumari	Prof. of CSE
15.	Director, SIT	Dr. S.V.L. Narasimham	Prof. of CSE
16.	Director, IST	Dr. B. Venkateswara Rao	Prof. of Water Resources
17.	Director, SMS	Dr. A. Prabhu Kumar	Prof. of ME
18.	Principal, JNTUH CEH	Dr. E. Saibaba Reddy	Prof. of CE
19.	Principal, JNTUH CEJ	Dr. N. V. Ramana	Prof. of EEE
20.	Principal, JNTUH CEM	Dr. R. Markandeya	Prof. of Metallurgical Engineering
21.	Principal, JNTUH CES	Dr. B. Balu Naik	Prof. of ME
22.	OSD to VC (Affiliations)	Dr. A. V. Sita Rama Raju	Prof. of ME

In addition to this, the following are working in administrative positions:

S. No.	Name	Designation
1.	Sri G. Krishna Mohan Rao	Joint Registrar, Administration
2.	Sri V. Madhava Reddy	Joint Registrar, Academic & Planning
3.	Smt. Ch. Aruna	Joint Registrar, IST, JNTUH

7.0 ACADEMIC DISTINCTIONS/ AWARDS RECEIVED BY MEMBERS OF THE FACULTY

Many faculty members won prestigious awards at both national and state levels. The details are as follows:

JNTUH College of Engineering Hyderabad

S.No	Department	Name of the Faculty Member & Designation	Title of the Academic Distinctions / Awards	Received from
1.	Electrical and Electronics Engg.	Dr. A. Jaya Laxmi, Professor	Best Paper Award	Fr. Agnel Alumni Association
2.	Mechanical Engineering	Dr. A. Chennakesava Reddy, Professor & Director, UFR	Best Paper Award	Institute of Indian Foundrymen
		Dr. B. Balu Naik, Professor & Principal, JNTUH CES	Best Teacher Award	Govt. of Telangana
3.	Computer Science & Engg.	Dr. A. Govardhan, Professor & Rector	Dr. APJ Abdul Kalam Excellency Award	Mother Foundation, Hyderabad
			Best Senior Scientist Award (Research Excellence & Academic Awards)	Combined Society for Educational Research and Development, India
4.	Physics	Dr. S. Venkateswara Rao, Assoc. Professor	Asia Pacific International Educational Excellence Award	Achievers Association for Health & Educational Growth
			Arch of International Educational Excellence Award	Economic Growth Foundation
			Bharath Vidya Ratan Award	International Business Council

JNTUH College of Engineering Sultanpur

1.	Mechanical Engineering	Dr. B. Balu Naik Professor & Principal, JNTUH CES	Best Teacher Award	Govt. of Telangana
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Institute of Science and Technology, JNTUH

1.	Centre for Environment	Dr. A. Vamshi Krishna Reddy, Asst. Prof (On Contract)	“Best Water Conservator Award – 2018”	Lee Shreyus Foundation
2.	Centre for Nano Science and Technology	Dr. Ch. Shilpa Chakra, Assistant Professor	Associate Fellow in Engineering Sciences - 2018	AP Academy of Engineering Sciences
			Associate Fellow in Engineering Sciences - 2019	Telangana Academy of Engineering Sciences
3.	Centre for Water Resources	Dr. B. Venkateswara Rao, Professor & Director of IST	Fellow Institution of Engineers - 2018	Institution of Engineers
			Vice President Indian Meteorological Society (IMS) -2018	Indian Meteorological Society

School of Information Technology, JNTUH

1.	Dr. M. Sreenivasa Rao, Professor of CSE	Best Teacher Award	Govt. of Telangana
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7.1 Prestigious Assignments

The State Government and various other organizations have entrusted the University with various prestigious assignments. The details are given below:

JNTUH College of Engineering Hyderabad

S.No	Name of the Department	Name of the faculty member & Designation	Prestigious Assignment	Received from
1.	Electrical and Electronics Engg.	Dr. N. Yadaiah, Professor of EEE & Registrar	Convener, TSEAMCET 2019	Dept. of Higher Education, TS

		Dr. M. Surya Kalavathi, Professor	Director, SCDE, JNTUH	JNTUH
2.	Electronics & Comm. Engg.	Dr. K. Anitha Sheela, Professor & Head	Delivered a session on Stochastic Process in Refresher Course on Systems & Signal Processing, 06 th - 27 th March, 2019	UGC-HRDC, JNTUH
		Dr. L. Pratap Reddy, Professor	Key Note Speaker: “Emerging Trends in Scholarly Communication” in 3 rd Int. Conference on Data Engineering and Communication Technology -2019	--
			Resource Person in Faculty Awareness Program on “Contemporary Research – IPR” during 28 th Jan - 2 nd Feb 2019	Department of ECE, JNTUH CEH
			Resource Person in Pre-Conference Workshop in 3 rd Int. Conference on Computational Intelligence and Informatics-2018, 27 th - 29 th December 2018	Department of CSE, JNTUH CEH
		Dr. D. Sreenivasa rao, Professor	Visited Mentee Institution, Shri Mata Vaishno Devi University, J&K as part of Twinning Program under TEQIP-III	JNTUH CEH
		Dr. M. Asha Rani, Professor	NBA Evaluator	--

	Electronics & Comn. Engg.	Dr. A. Rajani, Associate Professor	1. Coordinator for EAMCET, EAP Coordinator 2. MIS	Registrar, JNTUH
			1. Session Chair at ICCAC- 20 th - 21 st December 2018 2. Session Chair at ICIDE, Osmania University 2. Session Chair at Conference on Nanotechnology 3. Session Chair at ICITE- 2018	--
2.	Computer Science & Engg.	Dr. A. Govardhan, Prof. & Rector	Convener, TSECET – 2019	Govt. of Telangana
		Dr. M. Chandra Mohan, Professor	Co-Convener, TSECET - 2019	
		Dr. K. P Supreethi, Professor	Coordinator, TS EAMCET- 2018	
		Dr. V. Kamakshi Prasad, Professor & Director, Evaluation	Nominated as Member of Executive Council for Maulana Azad National Urdu University (MANUU)	Hon'ble President of India
3.	Chemistry	Dr. M. Thirumala Chary, Professor & Head	Selected as Fellow of Telangana Academy of Sciences	Telangana Academy of Sciences
			Appointed as Member of Telangana State Pollution Control Board	TSPCB

Institute of Science and Technology, JNTUH

1.	Centre for Environment	Dr. M Anji Reddy, Professor & Director, R&D	Expert member of the coordinated Programme on natural resources Data management system	NRDMS-DST
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School of Information Technology, JNTUH

1.	Dr. A. Damodaram, Professor of CSE	Appointed as the Technical Advisor to Real Time Governance Systems of Govt. of AP.	Govt. of A.P.
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7.2 Books/Chapters Authored by Faculty Members

The members of the faculty of JNTUH authored 18 text books in the fields of their specialization. Following are the details of various books authored by them:

JNTUH College of Engineering Hyderabad

S. No	Name of the Department	Name of the Faculty Members & Designation	Title of the Book and ISBN	Name of the Publisher
1.	Electrical and Electronics Engg.	Dr. M. Surya Kalavathi, Prof. & Director, SCDE	Basic Electrical & Electronics Engineering	S. Chand & Co
2.	Electronics & Comm. Engg.	Dr. L. Pratap Reddy, Professor	“Multiple Color Channel Local Extrema Patterns for Image Retrieval” in the book “Innovations in Electronics and Communication Engineering, Lecture Notes in Networks and Systems 65”, 2019, pp 115-123	Springer
3.	Mathematics	Prof. M. A. Srinivas, Professor & Head	B.Sc – 3 rd Year VI Sem – Mathematics – Vector Calculus	Telugu Akademi, Hyderabad
			B.Sc – 3 rd Year V Sem – Mathematics – Integral Calculus	
4.	Physics	Dr. Y. Aparna, Professor & Head	Edited the Proc. of International conference on materials for specific applications held at GRIET, during Jan. 29-30, 2018 ISBN no: 978-81-928677-2-4	--
5.	Chemistry	Dr. B. Rama Devi, Professor	Text book of Engineering Chemistry	Cengage Publishers
			Text book of Engineering	VGS

			Chemistry for Polytechnic	Publishers
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JNTUH College of Engineering Manthani

1.	English	Dr. Shikha Bhatnagar, Head(I/c)	Legendary Narratives of Hyderabad. ISBN: 978-1644294727.	Notion Press, Chennai, India.
			Chapter Title: “Sidelined Voices: The Stri-Parva in the Mahabharata”, in the book titled: Women in Higher Education in India: Perspectives and Challenges. Eds. H. Ponnamma, Madhavi Kesari. ISBN: 13-978-1644294727.	Cambridge Scholars Publishing, UK.

JNTUH College of Engineering Sultanpur

1	Computer Science & Engg.	Dr. B.V.Ram Naresh Yadav, Assoc. Professor	Data base management systems, ISBN Number: 978-1-73027-766-5	Sara Publications
			Emerging Trends in Data Science and Intelligent Computing, ISBN 9789385100314	Para amount Publishing House

Institute of Science and Technology, JNTUH

1.	Centre for Chemical Sciences and Technology	Dr. A. Jaya Shree, Professor & Head	Text book of Engineering Chemistry	Wiley Publications
2.	Centre for Environment	V. Himabindu, Prof. & Head	Pyrolysis of Garden Waste: Comparative Study of Leucaenaleucocephala (Subabul Leaves) and Azadirachta indica (Neem Leaves) wastes. ISBN : 978-981-13-2783-4_	Accepted for publication as Chapter 28 in Waste Valorisation and Recycling
			Environmental Studies for Intermediate Board	Intermediate Board, Telangana.
		Dr. A. Vamshi Krishna Reddy, Asst. Prof (on Contract)	Environmental Impact Assessment using Geomatics and In-situ Methods – An Initiative Towards Sustainable Development,	Lap Lambert Academic Publishing

			ISBN: 978-613-8-38709-1.	
3.	Centre for Nano Science and Technology	Dr.Ch. Shilpa Chakra, Assistant Professor	Recent Progress in Photocatalytic Water Splitting by Nanostructured TiO ₂ Carbon Photocatalysts – Influence of Interfaces, Morphological Structures and Experimental Parameters	Integrated Green Chemistry and Sustainable Engineering, (23–56) © 2019 Scrivener Publishing LLC
4.	Centre for Water Resources	All Faculty Members of Centre for Water Resources	Proceedings of the 5 th International Conference on “Hydrology and Watershed Management” held at JNTUH ISBN: 978-93-88305-71-6)	BSP Publishers, Hyderabad, 763p.
		Dr. M.V.S.S Giridhar, Professor	Proceedings of 5 th National conference on Water, Environment and Society NCWES-2018 ISBN: 978-93-87593-72-5	BS Publications

7.3 Overseas Visits by Faculty Members

The following faculty members have visited different foreign countries on various assignments like attending Conferences, delivering Invited Lectures, and presenting Technical Papers. The details are as follows:

JNTUH College of Engineering Manthani

S.No.	Name of the Dept./Centre	Name of the Faculty Member & Designation	Purpose of Visit	Place of Visit
1.	Civil Engg.	Dr. N. Darga Kumar, Assistant Professor & Head	International Conference	Washington DC

Institute of Science and Technology, JNTUH

1.	Centre for Pharmaceutical Sciences	Dr. M. Sunitha Reddy, Assoc. Professor & BoS Chairperson	International Conference	Thailand
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7.4 Research and Development (R & D) – Promotion of Research: The University has a Directorate of Research and Development under which Departmental Research Committees (DRCs) have been constituted to identify emerging areas of research, and monitor the progress of research scholars. The DRC comprises the Board of Studies (BoS) Chairperson, Head of the Department (HoD) and two senior faculty members of the department concerned.

JNTUH has been undertaking interdisciplinary research work involving the departments within and outside the University. It has been continuing collaborative research work with IICT, DMRL, DRDL, DRDO, TECUMSEH, DLRL, CITD and other organizations of national and international repute.

Research Review Meetings (RRMs) are conducted once in every six months. In these meetings, DRC reviews the progress of the research work of the scholars.

Details of RRM's conducted for the year 2018-19 are as follows:

S.No	Date of Conduct of RRM	No. of Research Scholars Enrolled
1	6 th – 7 th July 2018	343
2	20 th – 21 st December 2018	254

Directorate of R&D conducted Research Methodology (RM) coursework. Eminent researchers from Academic Institutions, Research Centres, Defence and Corporate Organizations are invited to deliver lectures in the RM coursework. Details of Research Methodology coursework conducted for the year 2018-19 are as follows:

S. No	Date of Conduct	Stream	No. of Research Scholars Enrolled
1	16 th – 21 st April 2018	Engineering	50
2	17 th – 22 nd Sept 2018	Science	27
3	24 th – 30 th Oct 2018	Engineering	27

7.5 Award of Ph.D. Degrees to the faculty of JNTUH

The following faculty members have been awarded Ph.D. Degrees in the Academic Year 2018-19:

JNTUH College of Engineering Hyderabad

S. No	Name of the Department	Name of the Faculty Member	Title of Ph.D. Thesis	Month and Year of Award
1.	Civil Engineering	Smt. M. Padmavathi	In elastic and Non- Linear Response of Foundations under Moment Loading	September 2018
		Smt. B. Sunitha	“Geochemistry and Quality of Ground Water in a part of Telangana State	June 2018
2.	Electronics & Comn. Engg.	Dr. A. Rajani	Acoustic Vector Sensor based DOA Estimation of Snow Avalanches with Infrasonud Modeling	May 2018
3.	Computer Science & Engg.	Dr.B.Rama Mohan Rao	An Efficient Online Aggregation Framework for Massive Datasets using MapReduce Paradigm	April 2018
4.	Mathematics	B. Shankar Goud	Study of Hydro magnetic free convective heat and mass transfer fluid flows	August 2018
5.	Chemistry	Dr. T. Sabitha Kala	Study of Transition Metal Complexes involving benzimidazole derivatives and other ligands	April 2018

Institute of Science and Technology, JNTUH

1.	Centre for Biotechnology	Dr. P. Ranjit	Evaluation of Biological activities of Pimpenella Tirupatiensis extracts and transcriptome analysis for mapping of Terpemoid pathway.	June 2018
		Dr. Venkanna Banothu	Isolation and Characterization of Antimicrobial Compounds from selected plant extracts against Bacterial strains of skin exudates.	June 2018
		Dr. Ch. Kalyani	Effect of kaempferol on the growth of human cancer cells and its potentiation	August 2018

			effect on conventional chemotherapeutic drugs – An insight into its molecular mechanisms.	
		Dr. B. Suresh Babu	Evaluation of Biological Activity of Elytraria acaulis. L.	November 2018

7.6 Research Scholars Supervised by Faculty Members: The following members of the faculty from different constituent colleges/Units of JNTUH have supervised 164 Research Scholars in the ongoing academic year.

JNTUH College of Engineering Hyderabad

S. No	Name of the Department	Name of the faculty Member	Designation	No. of Scholars
1.	Civil Engineering	Dr. E. Saibaba Reddy	Professor & Principal	01
		Dr. N. V. Ramana Rao	Professor & Director, NIT Warangal	02
		Dr. G. K. Viswanadh	Professor & Director, UGC – HRDC	01
		Dr. K. Rama Mohana Rao	Professor	01
		Dr. K. Manjula Vani	Professor	02
		Dr. V. Padmavathi	Professor	01
		Dr. M. Janardhana	Professor & Coordinator, BICS	01
2.	Mechanical Engineering	Dr. A.V.S.S.K.S. Gupta	Professor & Head	01
		Dr. K. Vijaya Kumar Reddy	Professor & EC Member	01
		Dr. M. Sreenivasa Rao	Professor	01
		Dr. M. Manzoor Hussain	Professor & Director, Admissions	03
		Dr. B. Anjaneya Prasad	Professor	03
		Dr. B. Balu Naik	Professor & Principal, JNTUH CES	01
		Dr. J. Suresh Kumar	Professor	02
		Dr. G. Krishna Mohana Rao	Professor	02

		Dr. G. Satish Babu	Professor	02
3.	Electrical & Electronics Engg.	Dr. A. Raghu Ram	Professor & Head	02
		Dr. G. Tulasi Ram Das	Professor	01
		Dr. B.V. Sankar Ram	Professor	03
		Dr. N. Yadaiah	Professor & Registrar	01
		Dr. M. Surya Kalavathi	Professor & BoS Chairperson	04
		Dr. M. Sushama	Professor	03
		Dr. G. N. Srinivas	Professor & Vice-Principal	01
		Dr. S. Tara Kalyani	Professor & Controller of Examinations	02
		Dr. A. Jaya Laxmi	Professor & Coordinator, CES	01
4.	Electronics & Comm. Engg.	Dr. K. Anitha Sheela	Professor & Head	01
		Dr. D. Sreenivasa Rao	Professor	01
		Dr. T. Satya Savithri	Professor	01
		Dr. P. Chandra Shekar Reddy	Professor of Coordination	01
5.	Computer Science & Engineering	Dr. B. Padmaja Rani	Professor	02
		Dr. M. Chandra Mohan	Professor	01
6.	Metallurgy	Dr. R. Markandeya	Professor & Principal, JNTUH CEM	01
7.	Mathematics	Dr. V. Srinivasa Kumar	Assistant Professor	01
8.	Physics	Dr. Y. Aparna	Professor & Head	04
9.	Chemistry	Dr. M. Thirumala Chary	Professor & Head	03
		Dr. Ch. Venkata Ramana Reddy	Professor & Director, UIIC	03
		Dr. B. Rama Devi	Professor	01

JNTUH College of Engineering Jagtial

1.	Computer Science & Engg.	Dr. S. Viswanadha Raju	Professor & Vice-Principal	03
		Dr. T. Venugopal	Professor	04
2.	Physics	Dr. Suresh Sripada	Assistant Professor & Head	04
		Dr. T. Sreekanth	Associate Professor	03

JNTUH College of Engineering Manthani

1.	Civil Engineering	Dr. N. Darga Kumar	Assistant Professor & Head	01
2.	Mechanical Engineering	Dr. R. Markandeya	Professor	01

JNTUH College of Engineering Sultanpur

1.	Mechanical Engineering	Dr. B. Balu Naik	Professor & Principal	05
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Institute of Science and Technology, JNTUH

1.	Centre for Biotechnology	Dr. A. Uma, Asst. Professor & Head	01
		Dr. Archana Giri, Professor	02
		Dr. L. Saida Naik, Asst. Professor	03
2.	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree, Professor of Chemistry & Head	12
		Dr. K. Mukkanti, Professor Emeritus of Chemistry	12
3.	Centre for Environment	Dr. V. Himabindu, Professor & Head	01
		Dr. Ch. Sasikala, Professor	01
4.	Centre for Nano Science and Technology	Dr. K. Venkateswara Rao, Professor & Head	05
5.	Centre for Pharmaceutical Sciences	Dr. S. Shobha Rani, Assoc. Professor & Head	04
		Dr. M. Ajitha, Professor	10
		Dr. M. Sunitha Reddy, Associate Professor & BoS Chairperson	02
		Dr. G. Krishna Mohan, Professor	10
6.	Centre for Spatial Information Technology	Dr. M. Viswanadham, Professor of Civil Engg.	02
7.	Centre for Water Resources	Dr. B. Venkateswara Rao, Professor & Director, IST	01
		Dr. M.V.S.S Giridhar, Professor	01

School of Information Technology, JNTUH

1.	Dr. A. Damodaram,	Professor of CSE	02
2.	Dr. M. Sreenivasa Rao	Professor of CSE	02

School of Information Technology, JNTUH

1.	Dr A. Prabhu Kumar	Professor of ME & Director	03
2.	Dr Raghunatha Reddy	Professor	01
3.	Dr Sindhu	Professor	02
4.	Dr Sudhir Reddy	Associate Professor	03

7.7 Patents/Copyrights Filed/Awarded: Following are the details of patents awarded for/filed by members of the faculty of JNTUH:

JNTUH College of Engineering Hyderabad

S. No.	Name of the Department	Name of the Faculty Member	Designation	Details of Patent Filed/Awarded
1.	Electrical & Electronics Engg.	Dr.K.H. Phani Shree	Associate Professor	Battery Management System and method employed for Monitoring Managing and Controlling in Real time for the innovative technology used for building cost effective system. Patent Filed (App.No.201841005238)

JNTUH College of Engineering Jagtial

1.	Computer Science and Engg.	Dr. S. Viswanadha Raju	Professor & Vice-Principal	System and Method of Providing Assistance for Monitoring Land Encroachment, Application Number :201941002882, Date of Filing: 24/01/2019
				System and Method for Online Audit Inspection of Educational Institutions, Application Number :201941001247, Date of Filing: 2010/01/2019

				A Hybrid Method to Identify Optimal Initial Cluster Center for Clustering, Application Number :201841029493, Date of Filing: 06/08/2018
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Institute of Science & Technology, JNTUH

1.	Centre for Chemical Sciences and Technology	Prof. A. Jaya Shree, Professor of Chemistry & Head	Novel fluoroquinolone compounds, Process for preparation and activity, Jaya Shree Anireddy, Tejeswara Rao Allaka, Kalyan Chakravarthy Akula, Laxmi Narsimha Venu Gopal Krishna Ramavarapu. Applied through Government of India Patent office	Application No. TEMP/E-1/14125/2016-CHE, 05/05/2016.
			Isolation, characterization and biological evaluation of novel components of <i>plectranthus bishopianus</i> as potent antimicrobial, antioxidant and cytotoxic agents. Jaya Shree Anireddy, Vinodh Guvvala, Naveen Polkam, Ranjitha Galla, Kalyan Chakravarthy Akula, Laxmi Narsimha Venu Gopal Krishna Ramavarapu. Applied through Government of India Patent office with	Application No. TEMP/E-1/22237/2016-CHE, 09/07/2016.
			A Practical Synthesis of 9-[2- β -hydroxy propyl adenine and its use in synthesis of anti- HIV drugs, Braja sundar Pradhan, Naresh Vempala, A. Jaya Shree,	Applied through CII on 28-1-2015. Patent Application No. 1786 / MUM /dated 5 May 2015
			Novel 1,2,3-triazole etodolac hybrid compounds, process for	Application No. TEMP/E-1/ 22234 /

			preparation and activity. K. Bhaskar, P. Naveen, A. Jaya Shree	2016-CHE, 09/07/2016.
2.	Centre for Environment	Dr. Ch. Sasikala, Professor	A process for extraction of neurosporene from a novel phototrophic bacterium <i>Rhodobacter viridis</i> JA737 ^T and utilization thereof. (4196/CHE/2012A). (Awarded)	2019
			A microbiological method using marine water for the production of neurosporene from a marine bacterium <i>Rhodovulum</i> sp. JA756 ^T and compositions containing the said pigment and process for making the same (4961/CHE/2012A). (Awarded)	2019
3.	Centre for Pharmaceutical Sciences	Dr. M. Ajitha, Professor	Synthesis of novel Indole pyrimidine derivatives 201841016412	01/05/2018
4.	Centre for Water Resources	Dr. M.V.S.S. Giridhar, Professor	A Patent Titled “Application of Geo Membrane Sheet in The Rain Water Harvesting Structures” with application number 640/CHE/2015. A published in gazette dated 24/04/2015	24/04/2015/Filed
			A Patent Titled “Replenishing Aquifers with Excess Surface Flows above Fsl of Canals/ Tanks/ Lakes through Filter Coupled Recharge Shaft” with application number 6710/CHE/2015 A published in gazette dated 15/01/2016.	15/01/2016/Filed

7.8 Research Publications

The members of the faculty of JNTUH have published 395 research articles in various reputed National and International Journals /Conferences /Seminars /Symposia. The details are as follows:

JNTUH College of Engineering Hyderabad

Name of the Department	Journals		Conferences		Total
	International	National	International	National	
Civil Engg.	7	-	3	-	10
Mechanical Engg.	16	-	1	-	17
Electrical & Electronics Engg.	16	-	8	-	24
Electronics & Comn. Engg.	19	-	15	-	34
Computer Science & Engg.	3	-	5	-	8
Metallurgy	12	-	-	-	12
Mathematics	6	-	2	1	9
Physics	1	-	4	-	5
Chemistry	52	-	-	-	52

JNTUH College of Engineering Jagtial

Computer Science & Engg.	6	-	-	-	6
Physics	8	1	2	-	11

JNTUH College of Engineering Manthani

Civil Engg.	5	-	-	-	5
Mechanical Engg.	2	-	-	-	2
Computer Science & Engg.	2	-	-	-	2
Mining Engineering	2	-	-	-	2

JNTUH College of Engineering Sultanpur

Computer Science & Engg.	10	1	-	1	12
Electronics & Comn. Engg.	2	-	-	-	2
Mechanical Engg.	1	-	-	-	1

Institute of Science and Technology, JNTUH

Centre for Biotechnology	17	2	-	1	20
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Centre for Chemical Sciences& Technology	12	-	-	-	12
Centre for Environment	27	-	8	-	35
Centre for Nanoscience and Technology	12	-	-	-	12
Centre for Pharmaceutical Sciences	31	-	-	-	31
Centre for Water Resources	7	1	8	5	21

School of Information Technology, JNTUH

SIT	36	-	-	-	36
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School of Management Studies

SMS	7	-	2	5	14
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7.9 Conferences/ Workshops/ Seminars/ Refresher Courses/ Training Programs Organized

This year various departments of the constituent colleges/units of JNTUH conducted 128 Seminars /Workshops /Conferences/Refresher/ Short-term courses/ Training programmes/ Extension lectures for the members of the faculty working in the Constituent, Affiliated, and other University Colleges in the following disciplines:

JNTUH College of Engineering Hyderabad

Name of the Department	Name of the Organizing FacultyMember	Nature of the Event
Civil Engg.	Dr. K. Manjula Vani	National Conference – 01, National Workshop – 02
	Dr. V. Padmavathi	Technical Symposium – 01
	Dr. M. Padmavathi	Technical Symposium – 01
	Dr. V. Padmavathi & Dr. M. Padmavathi	Guest Lecture – 01
Mechanical Engg.	Dr. B. Sudheer Prem Kumar	National Workshop – 02, FDP – 01, Guest Lecture – 01
	Dr. G. Krishna Mohan Rao	Guest Lecture – 01

	Dr. P. Bhramara	Workshop – 01
Electrical & Electronics Engg.	Dr. G. Tulasi Ram Das	Workshop – 01, Extension Lecture – 01, Refresher Course – 01
	Dr. A. Raghu Ram	Workshop – 01
	Dr. M. Sushama	Technical Symposium – 01
	Dr. K. Bhaskar	Workshop – 01
Electronics & Comn. Engg.	Dr. K. Anitha Sheela & Mrs. A. Rajani	Refresher Course – 01
	Dr. T. Satya Savithri	Training Program – 01, Faculty Development Program – 01
	Dr. K. Anitha Sheela	Faculty Development Program – 01
Computer Science & Engg.	Dr. R. Sridevi	Int. Conference – 01, Workshop – 10, Seminars – 03, Extension Lectures – 02
	Dr. B. Padmaja Rani	International Conference – 01
	Dr. K. P. Supreethi	National Workshop – 02
	Ms. E. Hemalatha	Workshop – 02
	Ms. K. Neeraja	Workshop – 02
Metallurgy	Dr. K. Srinivasa Vadayar	Guest Lectures – 15

JNTUH College of Engineering Jagtial

Electronics & Comn. Engg.	Dr. Dhiraj Sunehra	National Level Technical Symposium – 01
		National Workshop - 01

JNTUH College of Engineering Manthani

Civil Engineering	Dr. N. Darga Kumar	National Workshop – 02
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JNTUH College of Engineering Sultanpur

Mechanical Engg.	Dr. M. Shailaja	National Workshop - 01
Electronics & Comn. Engg.	Dr Y. Raghavender Rao	National Workshop - 02
Computer Science & Engg.	Dr. B.V. Ram Naresh Yadav	National Workshop - 02
	Sri Joshi Shripad	National Workshop - 01

Institute of Science & Technology, JNTUH

Centre for Biotechnology	Dr. A. Uma	Workshop – 04, FDP - 01
	Dr. Archana Giri	Workshop - 01
	Dr. L. Saida Naik	Workshop - 02
Centre for Chemical Sciences andTech.	Prof. A. Jaya Shree	Workshop - 01
Centre for Environment	Dr. T. Vijayalakshmi	Workshop - 01
	Dr. M. Anjireddy	Seminar - 01
	Dr. V. Himabindu	Workshop – 04, Short term Course - 02
	Dr. Ch. Sasikala	Workshop - 01
Centre for Nano Science and Technology	Dr. K Venkateswara Rao	Workshop – 03, Conference – 02, Invited Talk - 10
	Dr.Ch. Shilpa Chakra	Conference – 02, Workshop – 01, Invited Talk - 05
Centre for pharmaceutical sciences	Dr. M. Sunitha Reddy	National Conference – 03, Short term Course - 03
Centre for Water Resources	Dr. M.V.S.S. Giridhar	Conference - 01
	Dr. C. Sarala	Int. Conference – 01, Training Program - 03
	Dr. B. Venkateswara Rao	Int. Conference – 01, Workshop - 01
	Dr. K. Ramamohan Reddy	Workshop - 01

School of Information Technology, JNTUH

School of Information Technology	Dr. K. Suresh Babu	Workshop - 02
	Ms. V. Uma Rani	Workshop - 01
	Dr. S.V.L. Narasimham	Seminar - 01

School of Management Studies, JNTUH

School of Management Studies	Dr. A. Prabhu Kumar & Dr. Sindhu	National Conference – 01
	Dr. A. Prabhu Kumar	Guest Lecture - 07
	Dr. Sindhu	Int. Conference – 02, Orientation Courses – 03

8.0 BUREAU OF INDUSTRIAL CONSULTANCY SERVICES

As a Technological University dedicated to the growth of Science, Engineering, Technology, and Management and development of human resources in these areas, the University promotes collaboration between entrepreneurs and R&D organizations. The University is striving to provide best technical knowledge to the students. For this goal BICS acts as a liaison between the University and Industry. BICS is involved in providing solutions to the problems of the industry so as to benefit the society at large. BICS offers consultancy services for the designing & proof checking of structures, electrical and mechanical engineering problems. BICS is offering consultancy services to GHMC, Secunderabad cantonment Board, Warehousing Corporation, GHMC, Defence establishment, BHEL, MES, TSSPDCL, Hyderabad Metro Rail and other Government and Private organizations with emphasis on creating and designing eco-friendly systems to safeguard the natural resources. The BICS has collected consultancy fee to the tune of Rs.61.80 Lakh from consultancy works during 2018-19. Further JNTUH Constituent Colleges/Units had generated a revenue of Rs. 2.66Crore.

9.0 UGC – HUMAN RESOURCE DEVELOPMENT CENTRE (UGC - HRDC)

The UGC-Human Resource Development Centre at JNTU Hyderabad takes pride in being the first in the country to offer Training Programs for faculty in Engineering Disciplines. Since its inception in the year 2000, the UGC- HRDC maintained its uniqueness in organizing Orientation Programmes (four-week duration), Refresher Courses (three-week duration), Short Term Courses (three to six days duration) and Summer / Winter School Courses (three-week duration) on thrust areas in various specializations of Science, Engineering, Technology, and Management for in-service teachers and also for newly appointed teaching faculty from all over India on a regular basis. The UGC-Human Resource Development Centre is sponsored by University Grants Commission, New Delhi.

The UGC-HRDC, JNTUH, organized 5 Orientation Programs, 4 Refresher Courses, 7 Short Term Courses, 1 Workshop, a total of 17 Courses during the period from April 2018 to March 2019 and trained 650 teacher participants. The details of the courses are given below:

S. No.	Types of Courses	Title of the Course	Date(s) of Conducting the Course	No. of Participants attended
1.	Orientation Programs	50 th Orientation Program	04-06-2018 to 02-07-2018	43
		51 st Orientation Program	20-08-2018 to 19-09-2018	42
		52 nd Orientation Program	26-11-2018 to 22-12-2018	38
		53 rd Orientation Program	18-02-2019 to 16-03-2019	44
2.	Refresher Courses	Emerging Trends and Novel Research approaches in Pharmaceutical Sciences	17-09-2018 to 10-10-2018	32
		Internet of Things	03-12-2018 to 22-12-2018	42
		Virtualization and Cloud Computing	04-02-2019 to 23-02-2019	31
		Systems and Signal Processing	06-03-2019 to 27-03-2019	30
3.	Short Term Courses	Gender Sensitization	30-07-2018 to 04-08-2018	31
		e-Learning and ICT for Teaching & Learning	30-07-2018 to 04-08-2018	42
		Principals Meet Recent Advances in Higher and Technical Education	09-08-2018	65
		Soft Skills and Professional	17-12-2018 to	38

		Ethics	22-12-2018	
		Research Methodology	26-11-2018 to 01-12-2018	32
		MOOCs, e-content development and Open Educational Resources	03-01-2019 to 08-01-2019	33
		Skill enhancement for Non-teaching staff	18-02-2019 to 23-02-2019	30
4.	Workshop	Outcome Based Education	18-06-2018 to 23-06-2018	51
5.	Orientation Program	Two Weeks Orientation Programme –I (Phase-I) under TEQIP-III	20-08-2018 to 01-09-2018	26

10.0 ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

Entrepreneurship Development Cell (EDC) of the University was established in 2002 with support from the Department of Science and Technology (DST), Govt. of India. The Cell is recognized as one of best performing EDCs in India sanctioned by DST. The Government of India has identified ‘Entrepreneurship’ as one of the principal mechanisms for the mitigation of Unemployment and Under-employment amongst Science & Technology graduates in the country today. In order to make optimal use of facilities, expertise and know how available in the Technical Institutions for the benefit of the society, it has been necessary that appropriate links are established between institutions and the Industry. Special emphasis has been laid on Entrepreneurship and Self-Employment, keeping in view the present mandate of Trained Manpower that graduates out of Technical Institutions.

Micro, Small & Medium Enterprises – Technology Business Incubator (MSME-TBI) is a novel Scheme launched by the Ministry of Micro, Small & Medium Enterprise (MSME), Government of India (GoI), which aims at Identification and commercialization of Innovative Business Ideas. As a part of

this scheme, Entrepreneurship Development Cell (EDC), College of Engineering, Jawaharlal Nehru Technological University Hyderabad (JNTUH) was approved during 2010-11 and recognized as one of the Host Institutions by the Ministry of MSME, GoI, to operate this scheme of Micro, Small & Medium Enterprises.

EDC conducts various programmes to foster entrepreneurial spirit among the technically qualified Graduates & Post-Graduates from the Faculty of Science, Engineering & Technology and Pharmacy. This is carried out by conducting **Entrepreneurship Awareness Camps** (EACs), which can be both general and technically-specific in nature, over 3-Day duration.

An extended version of the EACs is the **Entrepreneurship Development Programmes** (EDPs) which runs for a duration of 2 to 4-weeks. The aim of both the programmes is to apprise the participants about the various Entrepreneurial opportunities that are existent and the support they can derive from EDC and all the agencies/ organizations which work with us. Participants of the EDPs are usually counselled and a follow-up mechanism is in place to track their progress in their respective projects.

As part of the 'Train-the-Trainer' concept, to further infuse the spirit of Entrepreneurship amongst the students of Science & Technology, EDC also has been conducting **Faculty Development Programmes** (FDPs) for the benefit of the Faculty of the various Private Engineering Colleges under the purview of JNTUH. Participation is also invited from all over the country. The FDPs is for a duration of 2-weeks, training to the Faculty who in turn help promote the cause of Entrepreneurship in the Institutions where they are employed.

Entrepreneurship Development Cell, JNTUH, has organized a total of Ninety-nine (99) on-campus and off-campus programmes to promote Entrepreneurship

as a career-choice amongst Technically-Qualified Graduates and also for Faculty Members of Engineering/ Polytechnic Institutions to promote Entrepreneurship in their respective Institutes. A total of 13,502 participants from various streams of Science, Engineering/Technology & Management, and 24 Faculty Members of JNTUH participated in the programmes.

MSME-TBI Incubation: The Successful Innovative Ideas Sanctioned from MSME-TBI, NEW DELHI under the Scheme “Support for Entrepreneurial and Managerial Development of SMEs through Incubators” during the year 2017-2018 and extended to 2018-2019: Total financial approval: Rs. 18 Lakh.

S. No	Name of the Incubate	Idea	Fund Sanctioned
1.	Mr. Nangunoori Rajagopal	Fuel Efficiency Improvement by using close loop control system for engine thermal management and supplementing HHO gas on diesel and petrol engines	Rs. 5.00 Lakhs
2.	Mr. Kolli Madhav Sai Ram Reddy	Smart Automatic waterless robot cleaner	Rs. 5.00 Lakhs
3.	Dr. G. Venkata Ramana	Ultra-rechargeable flexible graphememicro super capacitor power banks charged by solar power	Rs. 4.00 Lakhs
4.	Dr. D. Bhagawan	Treatment of wastewater using movable Electrochemical reactor	Rs. 4.00 Lakhs

ED Cell conducted the following programs during the academic year 2018-19:

S. No	Name of The Program	Date of Conduct	Number of Participants	Chief Sponsor
1	Technology Based Entrepreneurship Development Programme (TEDP)	16 th July -31 st Aug 2018	45	EDII – DST - NIMAT Project (2017-2018)
2	Entrepreneurship Awareness Camp	30 th Aug -1 st Sept 2018	300	

3	Entrepreneurship Awareness Camp (EAC)	26 th - 28 th Sept 2018	120	
4	Entrepreneurship Development programme (EDP)	12 th Feb – 13 th March 2019	27	EDII – DST - NIMAT Project (2018-19)

11.0 INFRASTRUCTURE DEVELOPMENT

The University has taken up the construction work of several buildings to meet the demand for Classrooms, new Departments, and accommodation of new Courses. The following amount has been granted for the Infrastructural Development to the Constituent Colleges of JNTUH.

11.1 Works completed

S.No	Name of the Campus	Details of Infrastructure Works	Amount (in Rs. Lakhs)
1.	University Main Campus	Construction of second and third floors on Metallurgical Engineering Department Building at JNTUH Kukatpally, Hyderabad	230.00
		Construction of toilet blocks (G+2) for Manjeera Boys Hostel at JNTUH, College of Engineering, Kukatpally, Hyderabad	242.00
2.	JNTUH CEM	Construction of Academic Block –II; Guest House; Library, Yard development and laying of internal roads at JNTUH, College of Engineering, Manthani (Phase-III) (Taking up of Balance works of Construction of Boys & Girls hostel at JNTUH CE to be taken up in part I of phase 3 sanction)	3330.00
3.		Strengthening and providing renewal wearing course to the internal roads at JNTUH, college of Engineering, Manthani centenary colony Ramagiri Mandal, Peddapalli District	1.20
TOTAL			3803.20

11.2 Works in progress

S.No	Name of	Details of Infrastructure Works	Amount
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	the Campus		(Rs. in Lakhs)
1.	University Main Campus	Repairing and Retrofitting the unsound RCC members of the unfinished HOSEO TBI Building at JNTUH Campus, Kukatpally, Hyderabad.	20.14
		Strengthening and providing renewal wearing course to the internal roads at JNTUH. Kukatpally, Hyderabad	120.00
		Renovation of Certain university academic building and hostel toilets at JNTUH, Kukatpally, Hyderabad.	75.00
		Providing 8 passenger 544 KG Capacity G+3 Lift in Class room Complex Building at JNTUH, Kukatpally, Hyderabad	24.00
		Providing 10 passengers 4 stops elevators from A category manufactures in the residential quarters A1,A2,A3 & B5 at JNTUH, Kukatpally, Hyderabad.	93.45
		Providing water delivery from water grid with provision of pumps & solenoids valves for cleaning water pumping and miscellaneous works in the Sewage treatment plant at JNTUH, Kukatpally, Hyderabad.	40.53
		Development activities of the College of Engineering, Hyderabad.	26.26
		Renovation of old toilets blocks in the north side, middle, south side at the Manjeera Hostel at JNTUH, Kukatpally, Hyderabad.	48.00
		Construction of brick masonry around lift doors for all floors * provision of other miscellaneous civil works in the lifts shafts of A1,A2,A3 & B5 staff quarters at JNTUH, Kukatpally, Hyderabad.	12.50
2.	JNTUH CEJ	Construction of extension Block for Girls Hostel at JNTUH, College of Engineering Jagtial, Karimnagar District.	1000.00
		Construction of extension Block for Boys Hostel at JNTUH, College of Engineering Jagtial, Karimnagar	1000.00

	District.	
TOTAL		2459.88

11.3 New Laboratories Established and new Additional Equipment Procured:

Many new labs were established and new equipment was procured. The details are as follows:

JNTUH College of Engineering Hyderabad

S.No.	Name of the Department	Details of the Infrastructure Set-up (Creation of new Labs, new facilities etc.)	Total Cost for Set-up (Rs. In lakhs)
1.	Civil Engineering Department	Advanced Transportation Engineering Lab	22.00
		Numerical Analysis Lab (25 computers)	--
2.	Electronics & Communication Engg.	Semi Anechoic Chamber for creating Audio Visual Data base	5.00
		Communication Technology Lab	20.00
3.	Computer Science & Engg.	Digital Forensics Lab	16.58
		Big Data Analytics Lab	11.76
4.	Chemical Engineering	Construction of Second and Third Floors on Metallurgical Engineering Department Building at JNTUH, Kukatpally, Hyderabad. Funded by RUSA	180.00

JNTUH College of Engineering Jagtial

1.	Electrical & Electronics Engg.	Measurement Lab	0.73
		Microcontroller Microprocessor Lab	0.73
		Power Electronics Lab	1.00

JNTUH College of Engineering Manthani

1.	Mining Engineering	Rock Mechanics lab	61.66
		Mine environmental engineering Lab	12.59
		Mine Instrumentation and ground control Lab	24.98

School of Information Technology, JNTUH

1.	School of Information Technology	Renovation of Seminar Hall with Wi-Fi enabled.	1.75
		Creation of IoT Lab from RUSA funds.	5.90

New additional Equipment Procured

JNTUH College of Engineering Hyderabad

S.No	Name of The Dept.	Name of the Laboratory	Details of Experimental Facility	Cost (Rs. In Lakhs)
1.	Civil Engineering	Fluid Mechanics & Hydraulic Machinery Lab	Closed Circuit Pelton wheel turbine test RIG-4HP (1 Set)	1.75
			Closed Circuit Francis turbine test RIG – 4HP(1 Set)	1.84
			Closed Circuit Kaplan turbine test RIG – 2HP(1 Set)	1.71
			Closed Circuit single stage constant speed Centrifugal pump test RIG-3HPC(1 Set)	0.45
			Closed Circuit single stage multi speed (Three speeds Centrifugal pump test RING (1 Set)	0.48
			Closed Circuit multi stage single speed Centrifugal pump test Ring (1 Set)	0.53
			Closed Circuit Reciprocating pump test Ring – 1HP (1 Set)	0.47
			Closed Circuit Impact of Jet On vanes, Apparatus (1 Set)	0.43
		Survey Lab	Trimble M3 2” Total Station with Standard Accessories - 5 no’s	15.62
			Freemans Fibre glass Tapes - 5 no’s	0.02
			Plastic Fibre Ensares class III Tapes -5 no’s	0.02
			Dumpy Level Tripods Stand Aluminum-8 no’s	0.17

Civil Engineering		Plane Table Stands-2 no's	0.04
		Plane Table screws-6 no's	0.01
		Theodolite Tripods Aluminum-3 no's	0.07
		Topcon Model GTS-720 Ballerys-3no's	0.33
		Trimble M3 5" Total Station Batterys	0.19
	Transportation Lab	Bitumen extraction Bowls Diamond core cutting machine bit Weighing balance (0.5 grams ccuracy) CBR test Plunger	0.32
		Refurbished System dell 990/HP 8300 Desktop System	0.35
	Geotechnical Engineering Lab	UPS 6 kVA (TEQIP-III)	1.67
		Air Compressor (TEQIP-III)	0.48
		Pressure Cylinder (TEQIP-III)	0.16
		Proving ring (50 kN) (TEQIP-III)	0.17
		Proving ring (2.5 kN) (TEQIP-III)	0.17
		Proving ring (2.0 kN) (TEQIP-III)	0.17
		Rebound Hammer (TEQIP-III)	0.19
		Repairing & Fabrication of Equipment	0.30
		CBR & Compaction Moulds	0.43
		Permeability Moulds with base Plate	0.98
		CBR Moulds	0.98
		Core Cutter Set, rammers, GI trays	0.92
		Sand Pouring Cylinder, Weing balance Pycnometer Bottles, Trays, Cutting blades	0.71
		Consumables	0.20
		Dell laptops	1.70
		Repairing Equipments	0.17
		Integral Type Compression Proving ring	0.32
	Seminar Hall of	Computer System & Projector with	1.90

	Civil Engineering	Civil Engineering Department	back drop screen (TEQIP-III)	
		Civil Department Library	Computer Equipment with LAN for Department Library (TEQIP-III)	5.64
		Seminar Hall of Civil Engineering Department	Air conditions for Civil Seminar Hall (TEQIP-III)	1.59
		Centre for Transportation	5 th Wheel Bump Integrator with unevenness Index (with transportation wheel)	5.20
			Light Weight Deflect meter	14.18
2.	Electrical & Electronics Engineering	--	Seminar Hall Chairs	10.88
		--	Class Room Dual Desk	4.06
		High Voltage Engineering Lab	Partial Discharge Measuring System	27.51
3.	Mechanical Engineering	Material Testing Lab	Planetary Ball mill	8.28
		--	Fatigue Testing Machine	0.92
		Advanced Thermodynamics Lab	Software for Simulation flow network for various thermal processes	7.98
		Thermal Engineering Laboratory	Variable Fuel Injection Kit with integrated Engine	8.88
			Single Cylinder Four Stroke Diesel Engine	0.90
			Single Cylinder Four Stroke Diesel Engine Hydraulic Dynamometer	2.50
			Test Rig with smoke meter for carrying research on IC Engine exhaust gasses (Smoke meter with five gas analyzer foe diesel engine)	5.59
			Computerized Engine test set up for	11.72

			VCR multi - fuel engine single cylinder 4-S CI Engine	
			Four Stroke Single Cylinder Diesel Engine with Eddy Current Dynamometer with DAQ	9.98
		R& A/C Laboratory	A/C Laboratory Unit	5.15
			Vapour Absorption Unit	
4.	Electronics & Comn. Engg.	Development of Early warning system for Landslide Detection- T9	1.EPP- 30V VW- Piezometer 2.EAN-52M-B Biaxial IPI Sensor with SDI-12 Interface	1.29
			Sensor Network Equipment	0.58
		Communication Technology Lab	Sensor network Equipment Wingz Multiprotocol Gateway for RPS,DEWSLP-2017	0.80
			1. Spectrum Analysis Up gradation option (Software) for existing Vector Network Analyzer ZVL-K1 2. HMO Mixed Signal Oscilloscope 2. 3. IoT training System, Comprising of iConse-Nodes-5 units,iconse hardware platform 1 unit, Sensor Module pack 1(15 units)	12.00
5.	Computer Science & Engineering	Smart Classroom	Cloud Touch 65 Digital Board	4.00
			HD visualCom (1080p/60), Digital zoom PTZ camera	
			LCD Projector 3042WN Hitachi	
6.	Metallurgical Engineering	Computer Lab	Dell optiplex 3050 MT desktop	2.00
			10 KVA UPS	3.88
			Dell optiplex 7050 MT desktop	7.74
			HP Prodesk 600 G4 MT desktops	4.45
	Material Characterization Lab	Analytical balance	1.83	

		Welding Technology Lab	MIG Welding machine	2.24
			Submerged arc welding machine	3.67
			Plasma cutting machine	1.63
		Mineral Dressing & Mechanical Operations Lab	Magnetic separator	1.87
		Mechanical Metallurgy Lab	Digital ultrasonic flaw detector	3.64
		Metal Forming Lab	Cold rolling machine	5.33
7.	Chemical Engineering	Energy and Environmental Lab	Dell optiplex 3050 MT desktop	6.00
			H2S vials kit for 100 tests	0.08
			Colorimeter/Photometer with 120 Pre-Programmed Water Analysis Methods	1.47
			Analytical Balance (Semi-Micro)	1.84
			COD Reactor MD200	1.63
			COD VARIO Complete Setup	
			BOD Analyser for BOD Measurement System	3.68
			Viscometer (BF35 Brookfield Viscometer)	3.68
		Fluid Mechanics Lab	Reynold's Apparatus	0.31
			Pressure Drop Through Packed Column	0.58
		Mass Transfer Lab	Vapour In Air Diffusion Apparatus Tube	0.46
			Absorbtion In Wetted Wall Column	1.03
			Liquid – Liquid Extraction In Packed Bed Column	1.05
			Absorption In Sieve/ Bubble Capplate Column:	1.63
			Absorption In Packed Bed Column	1.05
			Tray Dryer	0.39

	Chemical Engineering	Process Dynamics and Control Lab	Dynamics Of Two Tank Interacting System	0.39
			Dynamics Of Two Tank Non – Interacting System	0.39
			Characteristics of P.I.D. Controller	0.43
			Control Valve Characteristics	1.10
			Temperature Control Trainer	1.69
		Separation Lab	Simple Batch Distillation Setup	0.87
			Vapour - Liquid Equilibrium Unit	0.60
		Process Simulation Lab	Dell optiplex 7050 MT desktop	9.16

JNTUH College of Engineering Manthani

1.	Electrical and Electronics Engineering	Electronic Circuits Lab	Electronic Circuits Lab	0.40
2.	Mechanical Engineering	Machine Tools Lab	2 Lathe Machines, 1 Slider and Shaper	7.84
		Thermal Lab	Single Cylinder 4 Stroke Petrol Engine	

JNTUH College of Engineering Sultanpur

1.	Civil Engineering	Machine Tools Laboratory	Shaper Machine	1.62
			Lathe Machine	2.34
			Planing Machine	3.33
			Slotting Machine	1.53
			Cylindrical Grinding Machine	5.94
			Surface Grinding Machine	2.43
			Universal Tool and Cutter Grinder	2.43
			Radial Drilling Machine	1.35
			Milling Machine	7.74
2.	Electronics & Comm. Engg.	DSP Lab	Computers	26.70
		Basic Electrical & Electronics Lab	(0-200) mA DC	0.75
			(0-200) μ A DC	

	Electronics & Comm. Engg.		(0-30) V DC	
			Multimeter Digital	
			Decade Resistance Box	
			Decade Inductance Box	
			Bread Boards	
			3-phase Resistive Load Box	
			Wattmeter LPF (300V/2A)	
			Wattmeter UPF(150V/20A)	
			Fuses 10A	
			AC Ammeter MI type (0-20A)	
			AC voltmeter MI type (0-600V)	
		DICA Lab	PHY-249 16X4 Priority Encoder Using Two 8X3 Priority	0.68
			PHY-262 16 Bit Comparator Using 4 Bit Comparators	
			PHY-257 Modulo 53 counter Using Two Decd Counters	
			PHY-253 450KHz Clock Using NAND/NOR gates Kit	
			PHY-259 4 Bit Pseudo Random Sequence Generator	
			PHY-250 16X1 Multiplexer Using 8X1 Multiplexer kits	
			PHY-258 16 Bit Adder/Subtractor Using 4 Bit Adder/s	
			PHY-256 Characteristics of 74H, LS, HS Series IC's	
			PHY-252 4-Bit Gray to Binary and Binary to Gray Con	
PHY-254 8 Bit Parallel Load & Serial Out Shift Register				
PHY-255 8 Bit Serial in & Serial Out Shift Reg.				

	Electronics & Comn. Engg		PHY-251 Ring Counter & Twisted Ring Counter Ug 4b	
			PHY-260 4 Digit Hex Counter Using Synchronous One D	
			PHY-261 4 Digit Hex Counter Using Asynchronous One d	
			PHY-1010 Digital IC Trainer Kits with Bread Boards	
			2mm Patch cards for above Trainers	
	DC Lab	PHY-150 Pulse Code Modulation & Demodulation Kit	0.37	
		PHY-152 Differential Pulse Code Modulation & Demodulation		
		Adaptive Delta Modulation & Demodulation		

Institute of Science and Technology, JNTUH

1.	Centre for Biotechnology	Advanced Biofuels lab	Inverted Microscope for Cell Culture	2.26
			Electrophoresis units	1.29
		Genetic Engg. Lab	Table Top Centrifuge	2.21
			Bacteriological Laminar Air Flow Chamber with auto clave pipettes	1.14
			Spectro photo meter (visible)	0.90
			PH meter with buffers	1.04
			Cold centrifuge	9.13
		Plant molecular biology lab	Gel Documentation system	4.28
			Refrigerator Incubator sheker	4.10
			Bacteriological Incubator	2.31
		Microbiology Lab	Low Temperature BOD Incubator	5.99
			Oil bath with shaker	0.89
			Cascade ultra-pure water system	1.95
		Animal cell	Microscope (Basic)	1.98
			Bacteriological air curtain	0.37

		metabolic facility	Laboratory work bench	0.57
		lab	Biosafety cabinet	1.84
		Bioprocess Engg.	Elisa reader	2.50
		Bioprocess Lab	Autoclave (Fully automated)	1.52
2.	Centre for Chemical Sciences and Technology	Instrumentation Lab	GC	9.50
			Mass Spectroscopic	36.00
			Low Temperature Reactor	8.00
			Parallel Synthesizer	4.52
			Water purification system & R.O. System	5.00
			Immersion Cooler	5.00
3.	Centre for Environment	Water pollution lab	Muffle furnace	0.58
		Wastewater treatment Lab	Fabricated for 50 lit pilot scale electro-oxidation unit	3.00
			COD reactor	0.47
			Incubator	0.82
			Analytical Weighing balance	0.84
		Instrumentation lab	Liquid nitrogen cylinder	0.62
		Bacterial discovery lab	Analytical Weighing balance	0.84
			Constant temperature water bath	0.90
			UV-Vis spectrophotometer	4.94
			Precision weighing balance	0.84
Geomatics lab	SPSS Faculty and student version	1.84		
4.	Centre for Nanoscience and Technology	Characterization Lab - I	AFM Contact & Non-Contact Tips	2.36
			Fourier transform infrared spectrophotometer	15.86
			Programmable Tubular Furnace with Controlled Atmosphere	6.49
			Contact angle	1.00
		Nano Electronics Lab	Interdigitated electrodes	1.97
			Ion Specific Detector	2.83
			Mixed Gas Cylinders with Regulators	1.58

		Synthesis Lab	Inter face gas sensing probe	0.95
			Ultrasonic Homogenizer	5.99
5.	Centre for Spatial Information Technology	GNSS Lab	Differential Global positioning systems (DGPS)	12.46
			Dot net	3.61
			Handheld GPS Receivers	1.73
		DIP Lab	Photogrammetry Suite –Hardware (2 no’s)	17.64
			Photogrammetry Suite –Hardware	8.82
			Up gradation of ERDS Software	7.88
6.	Centre for Water Resources	Environmental Lab	COD Heater Block	1.03
			Colorimeter	2.76
			Visible Spectrometer	3.11
			DO Meter	0.47
			Autoclave	2.50
			Fluoride Meter	1.42
		Hydraulics Lab	Darcy’s Law Apparatus	0.47
			Free & Force Vortex Apparatus	0.58
			Laminar Flow Table	0.58
			Tilting Flume Apparatus	1.47
			Pipe surge & Water Hammer Apparatus	1.00
			Hydraulic Ram Test Rig	1.00
		Water Resources Simulation & Modeling Lab	10 KVA Online UPS	2.25
			Dell Computers	17.39
			Visual Modflow	5.20
		Hydro Metrological Station	Digital Water Level Recorder	1.94

School of Information Technology, JNTUH

1.	School of Information Technology	IoT Lab	i5 Desktop Systems	20.00
2.	School of Information Technology	SIT building	CC Cameras	1.00

12.0 CAMPUS PLACEMENTS

JNTUH- Training and Placement Cell conducted job fairs in all the districts of Telangana State. Many students from Constituent and Affiliated Colleges of JNTUH were selected by various companies through campus placements. The companies that offered placements are Mathworks, ION, Wells Fargo, ITC, Vedanta and 52 other reputed MNCs and Industries.

The campus placements are very encouraging in all branches of engineering UG, PG and IDP programmes. 721 students of JNTUH Constituent colleges/Units were placed so far during campus interviews in the current academic year. Average salary offered was Rs. 4.00 Lakh, highest being Rs. 17.00 Lakh. The details are given below:

JNTUH College of Engineering Hyderabad

Name of the Programme	Name of the Branch/ Specialization	No. of Students Placed
B.Tech	Civil Engg.	12
	Mechanical Engg.	25
	Electrical & Electronics Engg.	37
	Electronics & Comm. Engg.	65
	Computer Science & Engg.	63
	Chemical Engg.	07
	Metallurgy	14
B.Tech (IDP)	Civil Engg.	06
	Mechanical Engg.	09
	Electrical & Electronics Engg.	10
	Electronics & Comm. Engg.	19
	Computer Science & Engg.	23
M.Tech	Civil Engg.	02
	Mechanical Engg.	06
	Electrical & Electronics Engg.	01
	Electronics & Comm. Engg.	20
	Computer Science & Engg.	20
MCA	Master of Computer Applications	13

JNTUH College of Engineering Jagtial

B.Tech.	Mechanical Engg.	13
	Electrical & Electronics Engg.	25
	Electronics & Comm. Engg.	46
	Computer Science & Engg.	45
	Information Technology	36

JNTUH College of Engineering Manthani

B.Tech	Computer Science & Engg.	12
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JNTUH College of Engineering Sultanpur

B.Tech	Civil Engg.	01
	Computer Science & Engg.	19
	Electronics & Comm. Engg.	16
	Material Science & Nanotechnology	13

Institute of Science and Technology, JNTUH

M. Tech.	Biotechnology	3
	Chemical Technology	3
	Environmental Management	3
	Environmental Geomatics	3
	Nanotechnology	3
	Geo- Informatics and Surveying Technology	2
	Spatial Information Technology	4
	Water and Environmental Technology	5
M. Pharmacy	Pharmaceutical Analysis and Quality Assurance	2
	Pharmaceutics	4
M. Sc.	Analytical Chemistry	2
	Biotechnology	3
	Microbiology	5
	Organic Chemistry	4

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M.Tech.	Computer Science	06
	Computer Networks & Information Security	02
	Software Engineering	06
MSIT	Master of Science in IT	70
MCA	Master of Computer Applications	13

13.0 ACADEMIC ACHIEVEMENTS/ PRIZES/ AWARDS RECEIVED BY THE STUDENTS OF JNTUH

JNTUH College of Engineering Hyderabad

S.No	Name of the Dept./Centre	Name of the Student	Name of the Award / Prize Received	Awarded by
1.	Civil Engineering	Jaswanth & Srinija	1 st Prize in CIVIOQ Test	Convener, Sthapathya -19
2.	Electrical & Electronics Engg.	Y. Divya Manasa & Team	Best Project titled “Battery Health Monitoring and Management System”.	National Instruments
		A. Sanjana & team	Filed a patent titled “Battery Management System and method employed for Monitoring Managing and Controlling in Real time for the innovative technology used for building cost effective system”. App.No.201841005238	National Instruments
		Y S Nithin & team	Made E bike prototype for mobility and transportation won two titles in the category of 1. Best Build Quality	Mahindra-E

			2. Best Aesthetics and Ergonomics	
3.	Electronics & Comm. Engg.	Kavya. P, K. Manideep, B. V. Jaya Ram, Anmol kachroo	Best project Award- “Speech to Text Conversion using Raspberry PI Processor”	AMD, Hyderabad
4.	Computer Science & Engg.	Aleemuddin, Yathendar, Deepika, Srilekha	Won 1 st Prize in Smart Rice Hackathon	National Rice Research Institute, February 2019
		Mohammed Murtuza	Received “Internship” in 24 hours Hackathon on “Open Theme” in collaboration with SOAL, T-HUB.	Dept. of CSE, JNTUH CEH

JNTUH College of Engineering Manthani

1.	Civil Engineering	Adepu Bhanu Prakash	Gold Medal	JNTUH
2.	Mechanical Engineering	L. Ramya	2 nd Prize for Elocution on Kill Cancer	ISKON in collaboration with NSS JNTUH

JNTUH College of Engineering Sultanpur

1.	Material Science & Nanotechnology	I. Anamika	Technical paper presentation - 1 st prize	BITS Pilani Hyderabad
			Game of drones – 3 rd prize	
		P. Mounika	Technical symposium – 1 st prize	JNTUH CEH
			MERIT certificate in GIAN course	Ministry of Human Resources.

Institute of Science and Technology, JNTUH

1.	Centre for environment	Dr. D. Bhagawan	Received the prestigious “NESA Young Scientist Award -2018”	National Environmental Science Academy, New Delhi,
		Dr. K. Srilatha	The achievement award title “Outstanding Young Scientist in Energy and Environment” Awarded by “RULA Research Award (2018-19)”	Powered by “World Research Council” & “United Medical Council
		Mr. P. Kiran Kumar	The achievement award title “Best Young Researcher in Environment and Energy” Awarded by “RULA Research Award (2018-2019)”	Powered by “World Research Council” & “United Medical Council”.
		Mr. S. Shiva Kumar	International “Best Young Researcher Award in Material Chemistry” (2018-2019).	Awarded by RULA Awards, World Research Council and United Medical Council
			Prestigious IRDP – 2019, Best Young Researcher National / International Award -2019	Awarded by IRDP Group of Journals.
		Ms. R. Madhavi	Received Appreciation from IIPE for giving presentation on wastewater treatment (2018)	IIPE, Hyderabad

School of Information Technology, JNTUH

1.	SIT	Pasula Sandeep	Sudhir C Rao MDF Gold Medal for the overall topper in MCA	--
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**14.0 STUDENTS TECHNICAL SYMPOSIUMS ORGANIZED
BY COLLEGE/DEPT./CENTRE**

JNTUH College of Engineering Hyderabad

S.No.	Name of the Department	Name of the Event	Date(s) on which Event was Conducted	No. of Students Participated
1.	Civil Engineering	STHAPATHYA -19	13 th & 14 th March	350
		E-Tabs	26 th & 27 th February	180
		BIM- REVIT	26 th & 27 th February	180
2.	Mechanical Engineering	CONNAISSANCE - 2K19	13 th & 14 th March	123
3.	Electrical & Electronics Engg.	PRAGNYA - 2019	13 th & 14 th March	1500
4.	Electronics & Comn. Engg.	SPOORTHI-2019	13 th and 14 th March	600
5.	Computer Science & Engg.	QUEST 2K'19	13 th & 14 th March	500
		24 hrs Hackathon on open theme powered by SOAL, T-Hub	9 th & 10 th March	100
		36 hrs Hackathon on Smart Machines	21 st & 22 nd December	100
6.	Metallurgical Engg.	AYAS'19 -National Level Technical Symposium	13 th & 14 th March	300
		Workshop "Materials / Social Aspects"	7 th March	200
7.	Chemical Engineering	GENOS 2K, 19	13 th & 14 th March	50

JNTUH College of Engineering Jagtial

1.	Computer Science & Engg.	RUTHWA	07 th & 08 th Jan	200
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JNTUH College of Engineering Manthani

1.	Computer Science & Engg.	Boot Camp	07 th & 08 th January	114
		Hack Elite-2019	09 th & 10 th January	170

JNTUH College of Engineering Sultanpur

1.	Computer Science & Engg.	YUGA 2K19	07 th & 08 th March	300
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15.0 ACTIVITIES OF NSS CELL, JNTUH

The NSS was formed in 1969 with an aim to “inculcate the social welfare thoughts in the students, and to provide service to the society without any prejudice”. The Motto of NSS "Not Me But You", reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students develop appreciation to other person's point of view and also show consideration to other living beings. The philosophy of the NSS is well doctined in this motto, which underlines/on the belief that the welfare of an individual is ultimately dependent on the welfare of the society on the whole and therefore, the NSS volunteers shall strive for the well-being of the society. There are various activities conducted by NSS Cell and our activity forum includes the following:

1. 1500 JNTUH NSS volunteers participated in 5K run at Necklace road, Hyderabad organized by ISKON, Kukatpally on 03rd February 2019, with slogan “Kill the Cancer”, “Beat the Cancer”.
2. Organized Summer special camps since 01st March 2019 in 72 villages adopted by NSS units Under JNTUH.
3. Empowering women through Hygiene and Education on 02nd March 2019 with 2500 NSS volunteers.
4. University Level Youth festival on 02nd March 2019 with 762 NSS volunteers.
5. Role of NSS in Empowering Rural Youth on 13th March 2019 with 200 NSS volunteers.

6. JNTUH won the Championship trophy in the NSS state level youth festival held at Kakatiya University, Warangal, on 7th & 8th March 2019.
7. National Youth Meet on “Safe Water for the Future” at CMR Institute of Technology, Hyderabad, with 2000 NSS Youth Volunteers on 19th & 20th March 2019.
8. One-day Workshop on Unnat Bharat Abhiyan and Rural Community Engagement Program (MHRD and JNTU) is conducted for NSS Program Officers on 25th March 2019 at JNTUH Campus.
9. Three District Level Gandhian Youth Leadership program with 250 NSS volunteers at each district conducted from 25th to 29th March 2019.
10. Five Day University Level workshop on “Climate Change and Youth” with 250 NSS volunteers.
11. Blood donation camps organized in 89 NSS units of JNTUH.
12. Medical Camp organized in 75 NSS Units of JNTUH.
13. Awareness camps on Digital India
14. Role of NSS in Voter enrollment and improving voting percentage in the urban area.

NSS Activities of Constituent Colleges/Units: The following are the details of NSS activities done by various constituent colleges/units of JNTUH:

Institute of Science & Technology, JNTUH

S. No	Name of the Event	Date of Conduct
1.	Pharmacist Day	25 th Sept 2018
2.	Pre R.D Camp at Pune, MH	25 th Nov – 4 th Dec 2018

JNTUH College of Engineering Manthani

1.	Orientation Program	01 st Aug 2018
2.	NSS Special Camp-Kalwacherla	13 th – 19 th Aug 2018
3.	Blood Donation Camp	14 th Aug 2018
4.	Blood Donation Camp	05 th Feb 2019
5.	University Level Youth Festival	02 nd Feb 2019

School of Information Technology, JNTUH

1.	Workshop on University Level Public Financial Management System – (PFMS)	25 th May 2018
2.	Regional level International Yoga Day celebrations	21 st June 2018
3.	Haritha Haram – Tree Plantation	02 nd July 2018
4.	Swachhta Pakhwada	01 st Aug 2018
5.	University Level NSS Day Celebrations	24 th Sept 2018
6.	NSS Youth Festival	22 nd & 23 rd Jan 2019
7.	National Voters Day	25 th Jan 2019
8.	JNTUH NSS Youth Day	04 th Feb 2019
9.	World Cancer Day, 5K Marathon at Necklace Road Hyderabad	03 rd Feb 2019
10.	Candle Rally – Pulwama Attack Kashmir	18 th Feb 2019
11.	Empowering Women through Health and Hygiene	02 nd Mar 2019

16.0 DISTINCTION IN SPORTS / CO-CURRICULAR ACTIVITIES BY STUDENTS

The following Men and Women Players won medals in the All India Inter university Tournaments held at different Universities during the academic year 2018-19.

JNTUH CES - Student sports achievements

List of the players won medals in National and State Level tournaments:

S. No	Name of the Player	Branch	Event	Organized by	Medal
1.	N. Sucharitha	ECE 3 rd Year	‘National Level ‘Athletics’(800 Mts Running Competition)	BVRIT Women’s College Hyderabad	Bronze
2.	B. Pranay Bhasker and Team	--	National Level ‘Hand Ball’ Tournament	GITAM University Hyderabad	Bronze
3.	Sai Sushrith Kumar and Team	--	National Level ‘Table Tennis’ Tournament	GITAM University Hyderabad	Bronze
4.	N. Sucharitha And Team	ECE 3 rd Year	State Level ‘Kho-Kho’ Tournament	Mallareddy Engineering College for Women	Clinches Winner Trophy

17.0 AWARD OF GOLD MEDALS

The University instituted gold medals to meritorious students in recognition of their performance during their course of study. The details are as follows:

UNIVERSITY GOLD MEDALS FOR AUTONOMOUS CONSTITUENT COLLEGES FOR 2017-2018

S.No	Gold Medal	H.T.No	Name of the Student	% of Marks	College Name
1.	Best outgoing student of B.Tech. Civil Engineering from JNTUH College of Engineering, Hyderabad	14011A0131	Ms. DHALADHULI PRANAVI D/o. Mr. D S V S M R K CHEKRAVARTY	88.69	01- JNTUHCE Hyderabad
2.	Best outgoing student of B.Tech. Electrical & Electronics Engineering from JNTUH College of Engineering Hyderabad.	14011A0214	Ms. DODDI LAKSHMI LIKHITA D/o. Mr. D VENKATESWARLU	88.25	01- JNTUHCE Hyderabad
3.	Best outgoing student of B.Tech. Mechanical Engineering from JNTUH College of Engineering Hyderabad.	14011A0354	Ms. ENABOTHULA SUSHMA D/o. Mr. E KISHAN RAO	84.64	01- JNTUHCE Hyderabad
4.	Best outgoing student of B.Tech. Electronics & Communication Engineering from JNTUH Hyderabad.	14011A0461	Mr. JAYANT KUMAR AGRAWAL S/o. Mr. SUSHIL KUMAR GOYAL AGRAWAL	89.22	01- JNTUHCE Hyderabad
5.	Best outgoing student of B.Tech. Computer	14011A0540	Ms. P V L SRAVANTHI	88.36	01- JNTUHCE

	Science & Engineering from JNTUH College of Engineering, Hyderabad.		D/o. Mr. P RAMANADHA SASTRY		Hyderabad
6.	Best outgoing student of B.Tech. Metallurgical Engineering from JNTUH College of Engineering, Hyderabad.	14011A0660	Ms. BUDUMAJJI VINEETHA D/o. Mr. BUDUMAJJI MARAYYA	85.65	01- JNTUHCE Hyderabad
7.	Best outgoing student of B.Tech. Chemical Engineering from JNTUH College of Engineering, Hyderabad.	14011A0816	Ms. KASIREDDY MITHILA D/o. Mr. KASIREDDY RAM REDDY	83.73	01- JNTUHCE Hyderabad

UNIVERSITY GOLD MEDALS FOR NON-AUTONOMOUS CONSTITUENT COLLEGES FOR 2017-2018 BATCH

S.No	Gold Medal	H.T.No	Name of the Student	% of Marks	College Name
1.	Best outgoing student of B.Tech. Civil Engineering from JNTUH Constituent colleges.	14VD1A0111	Mr. ADEPU BHANUPRAKASH S/o. Mr. ADEPU SRINIVAS	81.89	VD - JNTUH College of Engineering, Manthani
2.	Best outgoing student of B.Tech. Electrical & Electronics	14VD1A0216	Ms. KEERTHI KEERTHI SRI D/o. Mr. KEERTHI RAMESH	80.21	VD - JNTUH College of Engineering, Manthani

	Engineering from JNTUH Constituent colleges.				
3.	Best outgoing student of B.Tech. Mechanical Engineering from JNTUH Constituent colleges.	14VD1A0345	Ms. CHINTHAKINDI SRUJANI D/o. Mr. CHINTHAKINDI CHANDRASHEKAR	80.65	VD - JNTUH College of Engineering, Manthani
4.	Best outgoing student of B.Tech. Electronics & Communication Engineering from JNTUH Constituent colleges.	14JJ1A0420	Ms. GANDLA SINDHURI D/o. Mr. GANDLA MALLAIAH	84.76	JJ - JNTUH College of Engineering, Jagtial
5.	Best outgoing student of B.Tech. Computer Science & Engineering from JNTUH Constituent colleges.	14VD1A0534	Ms. KOSARAJU SAINILA D/o. Mr. KOSARAJU VENKATA ANIL KUMAR	81.50	VD - JNTUH College of Engineering, Manthani
6.	Best outgoing student of B.Tech. Information Technology from JNTUH Constituent colleges.	14JJ1A1225	Ms. JAMALPUR SAHITHYA D/o. Mr. JAMALPUR JANARDHAN	80.46	JJ - JNTUH College of Engineering, Jagtial
7.	Best outgoing student of B.Tech. Mining Engineering from JNTUH Constituent colleges.	14VD1A2505	Ms. NEREDUKOMMA HIRANMAYI D/o. Mr. NEREDUKOMMA GOVARDHAN	82.06	VD - JNTUH College of Engineering, Manthani

8.	Best outgoing student of B.Tech. Civil and Environmental Engineering from JNTUH Constituent colleges.	14SS1A2816	Ms. DASARI YASHASHREE D/o. Mr. DASARI NAGESHWAR RAO	78.04	SS - JNTUH College of Engineering, Sultanpur
9.	Best outgoing student of B.Tech. Mechanical Engineering (Material Science and Nano Technology) from JNTUH Constituent colleges.	14SS1A2908	Ms. CHAPARALA HEMA D/o. Mr. CHAPARALA VENKATESHWAR RAO	71.47	SS - JNTUH College of Engineering, Sultanpur

UNIVERSITY GOLD MEDALS FOR AFFILIATED COLLEGES FOR 2017 - 2018 BATCH

S.No	Gold Medal	H.T. No.	Name of the Student	% of Marks	College Name
1.	Best outgoing student of B.Tech. Civil Engineering out of all affiliated Colleges.	14951A0110	Ms. KATKAM MANASA D/o. Mr. KATKAM SATYANARAYANA	84.65	95 - Institute of Aeronautical Engg., Secunderabad
2.	Best outgoing student of B.Tech. Electrical & Electronics Engineering out of all affiliated Colleges.	14WH1A0231	Ms. DHUMALE SOWMYA D/o. Mr. D ARJUN RAO	85.20	WH - BVRIT Hyderabad, Bachupally

3.	Best outgoing student of B.Tech. Mechanical Engineering out of all affiliated Colleges.	14N31A0352	Mr. EEDARA ANUDEEP S/o. Mr. EEDARA SRINIVASA RAO	83.30	N3 - Malla Reddy College of Engg. and Tech., Medchal
4.	Best outgoing student of B.Tech. Electronics & Communication Engineering out of all affiliated Colleges.	14VE1A04A9	Mr. SUMEDH REDDY KOPPULA S/o. Mr. MAHENDER REDDY KOPPULA	86.23	VE - Sreyas Institute of Engg. & Technology, Tattiannaram
5.	Best outgoing student of B.Tech. Computer Science Engineering out of all affiliated Colleges.	14321A0525	Ms. GADIGE HARSHINI D/o. Mr. SREE RAMA MURTHY	85.31	32 - Bhoj Reddy Engineering College for Women, Hyderabad
6.	Best outgoing student of B.Tech. Electronics & Instrumentation Engineering out of all affiliated Colleges.	14BD1A1049	Ms. PRIYANKA MODANI D/o. Mr. LAXMIKANT MODANI	83.85	BD - Keshav Memorial Inst. of Tech., Narayanaguda, Hyderabad
7.	Best outgoing student of B.Tech. Information Technology out of all affiliated Colleges.	14951A1215	Ms. VARANASI MADHURI D/o. Mr. V SRINIVAS	81.68	95 - Institute of Aeronautical Engg., Secunderabad

8.	Best outgoing student of B.Tech. Mechanical Engineering (Mechatronics) out of all affiliated Colleges.	14261A1433	Mr. NARAPARAJU DAMODARA SATYADEVA MADHUKAR S/o. Mr. NARAPARAJU NARASINGA RAO	73.96	26 - Mahatma Gandhi Inst. of Tech., Hyderabad
9.	Best outgoing student of B.Tech. Metallurgical & Materials Engineering out of all affiliated colleges.	14261A1827	Ms. PAPOLU AISHWARYA D/o. Mr. PAPOLU SRINIVASA MURTHY	81.16	26 - Mahatma Gandhi Inst. of Tech., Hyderabad
10.	Best outgoing student of B.Tech. Aeronautical Engineering out of all affiliated colleges.	14N31A2151	Ms. SHAIK DILDHAR D/o. Mr. SHAIK BABU JANI	86.36	N3 - Malla Reddy College of Engg. and Tech., Medchal
11.	Best outgoing student of B.Tech. Mining Engineering out of all affiliated colleges.	14C61A2538	Mr. UMMADI MADHU BABU S/o. Mr. U PULLA RAO	75.14	C6 - Mother Theresa Institute, Kothur
12.	Best outgoing student of B.Tech. Petroleum Engineering out of all affiliated colleges.	14H11A2706	Mr. AKBER AHMED S/o. Mr. FAROOQ AHMED	78.70	H1 - AI Habeeb Engineering College, Dammergidda

13.	Best outgoing student of B.Tech. Agriculture Engineering out of all affiliated colleges.	14Q61A3015	Ms. JAKKAPALLI HARSHITHA D/o. Mr. J SRINIVAS	81.10	Q6 - Avanthi Inst. of Engg. & Tech., Hayathnagar
14.	Best outgoing student of B.Pharmacy out of all affiliated colleges.	14EF1R0055	Ms. VIRENDRA MAMTA CHOUDHARY D/o. Mr. DUNGARAM VIRENDRA KUMAR CHOUDHARY	87.07	EF - Bhaskar Pharmacy College, Moinabad

ENDOWMENT GOLD MEDALS FOR 2017 -2018 BATCH

S.No	Endowment Gold Medal	H.T. No.	Name of the Student	% of Marks	College Name
1.	Late Prof. G. Purushotham memorial Endowment gold medal for best outgoing student who got highest marks in Mathematics-I in constituent and affiliated colleges.	14011A053 4	Ms. N SAMIPYA LAHARI D/o. Mr. N VINOD KUMAR GOUD	86.87	01-JNTUHCE Hyderabad
2.	Late D V P Narasa Raju memorial Endowment gold medal for best outgoing girl student	14011A041 3	Ms. FARHATH SABA D/o. Mr. SYED FAZALULLAH HUSSAINI	89.20	01-JNTUHCE Hyderabad

	of B.Tech (Electronics & Communication Engineering) of JNTUH Engineering College, Hyderabad.				
3.	Prof. S.Tiruvengalam Endowment gold medal for B. Tech. (Electrical & Electronics Engineering) best outgoing student of JNTUH College of Engineering, Hyderabad.	14011A021 4	Ms. DODDI LAKSHMI LIKHITA D/o. Mr. D VENKATESWARL U	88.25	01-JNTUHCE Hyderabad
4.	Smt M. Vedavathi gold medal for best outgoing Girl student in B. Tech (Electronics & Communication Engineering) in JNTUH constituent Colleges.	14011A041 3	Ms. FARHATH SABA D/o. Mr. SYED FAZALULLAH HUSSAINI	89.20	01-JNTUHCE Hyderabad
5.	Vellanki Rama Rao memorial gold Medal to be Awarded for best outgoing student of B. Tech. (Civil Engineering) in all constituent colleges of the University.	14011A013 1	Ms. DHALADHULI PRANAVI D/o. Mr. D S V S M R K CHEKRAVARTY	88.69	01-JNTUHCE Hyderabad

6.	Pisupaati Supriya Desai Gold Medal to be awarded for B.Tech best outgoing student in (Electronics & Communication Engineering) in JNTUH affiliated Colleges.	14VE1A04 A9	Mr. SUMEDH REDDY KOPPULA S/o. Mr. MAHENDER REDDY KOPPULA	86.23	VE - Sreyas Institute of Engg. & Technology, Tattiannaram
7.	Dr. Md. Vizarath Rasool Khan endowment gold medal to be awarded for B. Tech (Computer Science & Engineering) 1 st rank in the JNTUH affiliated Colleges.	14321A052 5	Ms. GADIGE HARSHINI D/o. Mr. SREE RAMA MURTHY	85.31	32 - Bhoj Reddy Engineering College for Women, Hyderabad
8.	Shadan Endowment gold medal to be awarded for securing 1 st rank in B.Pharmacy JNTUH affiliated colleges.	14EF1R005 5	Ms. VIRENDRA MAMTA CHOUDHARY D/o. Mr. DUNGARAM VIRENDRA KUMAR CHOUDHARY	87.07	EF - Bhaskar Pharmacy College, Moinabad
9.	Sri Sankara Sastry Memorial gold medal for best outgoing MBA regular student in JNTUH Constituent Colleges.	16031E003 6	Ms. TANZILA SHAHREEN D/o. Mr. MD ABDUL QHAYYUM	8.42	03 - JNTUH SMS, Hyderabad

10.	Padmasri Dr.A.V Rama Rao Endowment Gold Medal to be Awarded for best Outgoing student from M.Sc. (Industrial / Organic Chemistry) from IST, JNTUH	16031G080 1	Ms. ANANTHA SRUJANA EALESWARAPU D/o Mr. E V RAMANA MURTHY	9.88	03 - JNTUH IST, Hyderabad
11.	Prof. Y.Anjaneyulu Endowment gold medal to be awarded for best outgoing student in M.Tech. (Environmental Management) from IST, JNTUH.	16031D311 5	Mr. Y ADITYA REDDY S/o Y CHANDRA SEKHAR	9.43	03 - JNTUH IST, Hyderabad
12.	Late Dr.C. Anandeswara Sastry Endowment gold medal to be awarded for the best outgoing student scoring highest marks in Chemical Engineering subject of M.Sc. (Organic Chemistry) at IST, JNTUH.	16031G080 1	Ms. ANANTHA SRUJANA EALESWARAPU D/o Mr. E V RAMANA MURTHY	9.88	03 - JNTUH IST, Hyderabad
13.	Shashi Gupta S. Varshney gold medal to be awarded to the student who secured	16RH1E004 7	Ms. SAIPETA MOUNIKA D/o. Mr. S MALLAIAH	9.18	RH – MALLARED DY Engineering

	highest aggregate marks among the first Divisioners in the first attempt in MBA (full time) and MBA (part time) Examinations conducted by JNTUH.		YADAV		College for Women, G.Pochampally
14.	MC Consulting Engineers gold medal to be awarded for the best outstanding and outgoing student of B.Tech (Civil Engineering) from JNTUH CEH.	14011A013 1	Ms. DHALADHULI PRANAVI D/o. Mr. D S V S M R K CHEKRAVARTY	88.69	01-JNTUHCE Hyderabad
15.	MC Consulting Engineers gold medal to be awarded for the best outgoing student of M.Tech. (Structural Engineering) from JNTUH CEH.	16011D202 6	Mr. JAYANT CHAUDHARY S/o. Mr. RAM SUBARAN CHAUDHARY	9.71	01-JNTUH CE Hyderabad
16.	Sudir C Rao MDF gold medal for the overall topper in MCA at School of Information Technology (SIT), JNTUH.	15031F001 9	Mr. PASULA SANDEEP S/o Mr. PASULA VENKATI	8.44	03 - JNTUH SIT, Hyderabad
17.	Dr. Andra Naidu Endowment gold medal for B.	14EF1R005 5	Ms. VIRENDRA MAMTA CHOUDHARY	87.07	EF - Bhaskar Pharmacy College,

	Pharmacy best outgoing student from Constituent and Affiliated Colleges of JNTUH.		D/o. Mr. DUNGARAM VIRENDRA KUMAR CHOUDHARY		Moinabad
18.	Dr.I.V. Muralikrishna endowment gold medal for M.Tech. (Spatial Information Technology) who secures 1 st rank topping the list fulfilling the conditions a) should pass all the course work subjects in first attempt. and b) Should complete the course work and dissertation within the stipulated time of the course.	16031D321 4	Ms. NALLA CHUMBITHA LEENA D/o. Mr. NALLA RAMULU	9.32	03 - JNTUH IST, Hyderabad
19.	Prof. K. Ramayya Endowment Gold Medal for the best outgoing student of M.Sc. Organic Chemistry from JNTUH College of Engineering, Hyderabad	16011G172 4	Ms. BAINI SRILATHA D/o. Mr. SATHYANARAYA NA	9.84	01-JNTUH CE Hyderabad
20.	Arun Seshu Meritorious Gold Medal to be awarded	14011A046 1	Mr. JAYANT KUMAR AGRAWAL	89.22	01-JNTUH CE Hyderabad

	to the best student who stands top among all branches of Engg. In B.Tech. course of Study from JNTUH Constituent Colleges.		S/o. Mr. SUSHIL KUMAR GOYAL AGRAWAL		
21.	Late Dr. Burgula Ramakrishna Rao Endowment gold medal for best outgoing student Who secured 1st Rank in B.Tech (All Branches) in all Constituent & Affiliated College of JNTUH, Kukatpally Hyderabad.	14011A046 1	Mr. JAYANT KUMAR AGRAWAL S/o. Mr. SUSHIL KUMAR GOYAL AGRAWAL	89.22	01-JNTUH CE Hyderabad
22.	Dr. Shahnaz Bathual Endowment gold medal every year for the student who get 1st Rank in M.Sc. Maths (Applied Mathematics) JNTUH College of Engineering, Hyderabad.	16011G210 1	Mr. BOLAMAINA SHIVAKUMAR S/o BOLAMAINA NARSIMLU	8.54	01-JNTUH CE Hyderabad
23.	RIPE-2012 Endowment Gold Medal to best outgoing M. Pharmacy student from the center for Pharmaceutical Sciences, IST(Autonomous)JNT	16031S031 2	Ms. KONDETI SINDHU D/o. Mr. KONDETI VENKATESH	9.95	03 - JNTUH IST, Hyderabad

	UH Kukatpally Hyderabad.				
24.	Dr. D. Seetha Mahalakshmi Memorial Gold Medal for the Best Outgoing B.Tech. graduate in the faculty of CSE, JNTUH College of Engineering, Hyderabad.	14011A054 0	Ms. P V L SRAVANTHI D/o. Mr. P RAMANADHA SASTRY	88.36	01-JNTUH CE Hyderabad

18.0 CONCLUSION

I wish to inform you that JNT University Hyderabad has dedicated itself to foster academic excellence. The period under review was quite fruitful and gratifying. It provided us the necessary tools and knowledge to identify our own potential as well as responsibilities. The high rate of obsolescence coupled with the increasing cost of modernization have prompted us to use our limited resources with care and prudence.

I am happy to inform you that JNTUH has not come across any incidence of indiscipline or unrest during the past academic year. Not even a single day of academic schedule has been lost or disturbed. Given the encouragement, understanding and cooperation from all sections of staff and students of the constituent and affiliated colleges of this University, I hope to take this University still further on the path of quality education. Chancellor Sir, I thank you for extending your support and advice from whenever needed. I wholeheartedly thank **Dr. Uday B. Desai**, Director, IIT Hyderabad, for accepting to be the Chief Guest and deliver the convocation address for the benefit of our prospective Engineers, Technocrats and Scientists in addition to the members of the faculty. On this day of fulfillment and achievements, I wish to congratulate all the graduates, post-graduates, Ph.D. scholars and award winners. Education is the most powerful weapon we can use to change the world. Jawaharlal Nehru said, "The mere act of aiming at something great, makes you great."

Thank you all for gracing this solemn occasion.

Jai Hind

Prof. A. Venugopal Reddy
Vice-Chancellor, JNTUH.