



JNTUH NEWS

Quarterly Newsletter

**Issue 1, Volume 1
January – March, 2020**





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About JNTUH

Jawaharlal Nehru Technological University, Hyderabad, was established on 2nd October 1972 by the Legislature of the State of Andhra Pradesh as the first Technological University in the country. It has been in the forefront for the past 44 years in providing quality technological education of relevance in the State of Andhra Pradesh. After 36 years of existence it was restructured into 4 different Universities by the Government vide Government Ordinance No.13, dated 18th August 2008 and Act of State Legislature No.30 dated September 2008 and this new University has been designated as **Jawaharlal Nehru Technological University Hyderabad (JNTUH)**.

JNTUH is situated in a sprawling 89-acre campus at Kukatpally, Hyderabad. It has now 4 Constituent Engineering Colleges, one at Hyderabad, one at Kondagattu (Jagithyal), one at Manthani and one at Sultanpur (Medak dist.) and 15 other constituent units on Hyderabad campus. JNTUH offers B.Tech. programmes in 24 disciplines and B.Pharm at UG level; Integrated 5-year dual degree Masters programme; M.Tech. Programmes in 68 disciplines, M.Pharm. in 11 disciplines; M.Sc. in 10 disciplines; MCA, MBA and Double Degree Programs at P.G. level; in addition to the offer of M.S., M.Phil., Ph.D. Research Programs in various disciplines of Engineering, Technology, Science, Management and Humanities. JNTUH has 423 affiliated colleges spread over the Telangana State. JNTUH has more than 3.50 lakhs students on rolls. The University has Memoranda of University with many national and international organizations.

Vision:

To provide for the advancement of learning and knowledge in Engineering & Technology, Physical and Social Sciences by teaching, research and experimentation or practical training or by such other means as the University may deem fit.

Mission:

To provide the form of education that allows students to spend periods of intramural work so that upon graduation not only do they possess a range of academic learning, but also learn and acquire knowledge for the benefit of the state in particular and the country in general.

Roadmap:

- Consists of ensuring autonomy and objectivity;
- the principles of expansion, inclusion;
- relevance and excellence;
- imparting and creating knowledge by constantly engaging young minds;
- proactively interacting with industry and society;
- constant updating of knowledge for faculty, non-teaching and administrative staff, and fostering global academic and research alliances.

Vice-Chancellor's Message



It gives me immense pleasure to be a part of the Jawaharlal Nehru Technological University Hyderabad family as its Vice Chancellor. The 21st century is an age of rapid globalization and transformation and our lives are driven by the evolutions in science, engineering, and technology. Technology and globalization have turned nations into knowledge-driven economies. Attainment of success in the knowledge-driven and competitive world depends largely on the abilities of the learners. Higher education, especially engineering education, is the key to build those requisite skills among students. The dynamic forces of fast-changing world urge the academicians to give an accurate impetus to students. The organization will have to evolve continuously to remain vibrant and relevant to all its stakeholders and to do this effectively, we need to build a culture of performance that stimulates the whole organization with the objectives of attending to students' needs, pursuing the contemporary challenges, and providing solutions. JNTUH has been rendering enormous service in this direction and strives for the value proposition 'continuous development and professional excellence' in every activity it undertakes.

I am happy to know that JNTUH is bringing out its quarterly Newsletter which highlights the academic activities, achievements, contributions of the faculty and students, and the significant events that take place at the constituent colleges and units of the University. I am sure that the newsletter will become a must-read bulletin on the happenings around us. I congratulate the editorial team for their initiative and wish them success.

Jayesh Ranjan, IAS
Vice-Chancellor I/c, JNTUH

Rector's Message



I am happy to inform that JNTUH is bringing out its first edition of the Quarterly Newsletter. Every year, we experience unprecedented changes in the global knowledge base, and we witness several exemplary shifts in higher education. These changes demand new challenges in our established education system and practices. Since new beginnings and innovative starts promise a bright future, it is high time to reappraise the role and function of the existing structure of education.

The aim of educational institutions is to provide the best possible environment for teaching, learning, research, and creation of enlightened human beings. In JNTUH, the collaborative programs with foreign universities, research projects and industrial consultancy activities have enhanced the reputation of the university. Besides creating ignited minds for professional and personal success, JNTUH has committed to create responsible citizens who are the epitome of professional ethics and human values. The alumni of the university have been playing a significant role in building up the image of the university at global level.

The university is situated in a serene environment. The serenity along with a multifaceted structure of curricular, co-curricular and extra-curricular activities will shape students' physical, mental, and intellectual growth. It is assured that the student community will get constant support from the university to pursue their career objectives under the diversified social and cultural environment which unquestionably make the University proud of their accomplishments.

I applaud the team for bringing out the first issue of the Newsletter which is a testimony to all the quality teaching and research happenings in the autonomous, constituent colleges and other units. Indeed, it is a commendable and collective effort that will bring quality to the columns and show case the events. I am sure that this Newsletter will create a platform for the staff and students to showcase their inherent talents and contributions which will inspire others to bring many more laurels to the organization. Congratulations to the editorial team and I wish them good luck.

Dr. A. Govardhan
Rector, JNTUH

Registrar's Message



I am delighted to share the experience of releasing the inaugural edition of '*JNTUH Newsletter*'. New developments in science and technology are revolutionizing the education sector. Modern technology and its impact on teaching and research in various fields of knowledge has undergone tremendous change in the recent past. Today engineering education faces new challenges because of the expansion of global market and rapid social and technological evolutions. Quality education requires distinction of purpose, effectiveness in achieving institutional goals, meeting students' needs and preparing them to be personally effective within the circumstances of their life and career.

JNTUH is largely devoted to science and technological studies and continually strives to introduce new courses in its academic programs and be innovative in research activities. Members of the faculty in the university and constituent colleges are involved in research by obtaining funded projects from various organizations like DST, UGC, DRDO, AICTE, DRDL and many other reputed industries. The outcome of this research is imparted to students through live projects from industries. It will generate the kind of intellectual capital that will keep the university abreast of the latest developments on the technological front. I take this opportunity to inform you that JNTUH introduced new courses in B.Tech, viz., Computer Engineering in Software Engineering, Computer Science & Engineering in Cyber Security, Computer Science & Engineering in Artificial Intelligence & Machine Learning, Computer Science & Engineering in Data Science, Computer Science & Engineering in IoT, Computer Science & Engineering in Networks and new subjects namely Cyber Security and Artificial Intelligence in all its constituent autonomous and affiliated colleges from the academic year 2020-21.

The university has highly qualified faculty in their respective fields of expertise. Many national and international conferences, seminars and workshops are organized by the university. Such events provide a variety of experiences and impart practical knowledge to the students which is helpful in their career. I congratulate the wonderful alumni for bringing many honours to the institute. I appreciate the efforts of the Newsletter Committee and wish them a grand success.

Dr. M. Manzoor Hussain
Registrar, JNTUH



- 1. Dr. A. Govardhan, Rector Received CSI-2020 Fellow award in 53rd Annual Convention of Computer Society of India(CSI) from Shri Naveen Patnaik, Hon'ble Chief Minister, Odisha State.**
- 2. Dr. A. Govardhan, Rector was appointed as Convener, EAMCET-2020.**
- 3. Dr. M. Manzoor Hussain was appointed as Convener, ECET-2020.**

1 JNTUH College of Engineering, Hyderabad

Civil Engineering Department

Journal/ Conference Papers Presented by the Members of the Faculty

S. No.	Faculty & Designation	Title of the Paper	Int. / National Conference	Date/ Year
1.	Dr. V. Padmavathi Professor	1. Settlement of rigid ring – footing on two – layered soil	One Day Conference on GEO APPS	January, 2020
2.	Dr. G. V. Narasimha Reddy Professor	1. Kinematic & Bearing capacity of Geosynthetic Reinforced CNS soil bed on clayey soil with inclined reinforcement 2. Bearing Capacity of square footing on Reinforced soil bed with inclined reinforcement		
3.	Dr.E.C.Nirmala Peter Professor	1. Experimental Study on Piled Raft in Sandy Soil Subjected to Eccentric loading 2. Effect of Rain fall infiltration on the Stability of Soil Slopes 3. Compression index of Demolished Building waste stabilized clay 4. Stabilization of Soil using Terrasil & Cement as admixture 5. Estimation of Ultimate resistance & stiffness of base & Shaft from Axial pile load test results		

Total 26 Civil Engineering Students appeared for GATE in February 2020.

Students' Activities

S. No.	Name of the Dept	Name of the Event	Date of the Event	No. of Students Participated
1.	Civil Engineering students	STHAPTHYA	12 th & 13 th March, 2020	120
2.	B.Tech III yr Regular & IDP Students 2017 Batch	Kalewaram Visit	4 th January, 2020	100
3.	M.Tech (Structural Engineering Students) 2019 Batch	RBC Concrete plant (Bachupally)	3 rd March, 2020	30
4.	M.Tech (Geotechnical Engineering Students) 2019 Batch	Ramky Project Dindigal	8 th March, 2020	15

Electrical and Electronics Engineering Department

Infrastructure Development Activities: New Infrastructure Setup in EEE Department

S. No.	Details of the Infrastructure Setup	Total Cost of the Lab (Rs.)
1	Power Converter Applications Lab (Under TEQIP-III)	40,00,000/-

Details of Conferences/Seminars/Workshops Attended by the Faculty

S. No.	Name of the Faculty & Designation	National/ Intl.	Title of the Event	Duration	Date(s)	Source of Funding	No. of Participants
1	Dr. K. Naga Sujatha Professor & Dy. Director, UGC-HRDC JNTUH	National	Outcome Based Education	Three Days	05-03-2020 to 07-03-2020	AICTE	30

Details of Conferences Attended by the Faculty:

S. No.	Name of the Dept.	Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue
1	EEE	Dr. K. Naga Sujatha Professor & Dy. Director, UGC-HRDC JNTUH	Intl	International Conference on Electrical and Electronics Engineering	Two Days	February 28-29, 2020

Invited Talks/Expert Lectures Organized/Delivered

S. No	Name of the Dept	Name of the Faculty & Designation	Title of the Topic	Invitee	Date & Venue
1.	EEE	Dr. K. Naga Sujatha Professor & Dy. Director, UGC-HRDC JNTUH	1. Applications of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) in Electrical Engineering	Ramachandra College of Engineering, Vatluru (V), Eluru, W.G. Dist., A.P.	February 01, 2020 Dept. of EEE Ramachandra College of Engineering, Vatluru (V), Eluru, W.G. Dist., A.P.
2.			2. Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies	All India Seminar on "Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India"	February 19-20, 2020 The Institution of Engineers (India), Visvesvaraya Bhavan, Khairatabad, Hyderabad, T.S

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept.	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1.	EEE	Dr. A. Raghu Ram, Professor & Head	IOT Based Smart Street Lighting System for Smart Cities	International Conference	ICSESEV-2020	8 th – 10 th January, 2020
2.		Dr.G. Tulasi Ram Das, Professor	Adaptive Fuzzy Controller based Self-Regulated Reference Stator Flux Estimator of Direct Torque Control for Three level Inverter fed IPMSM	International Journal	Vol.13, No.2. 2020 PP 11-19 and ISSN No. 2185-3118	March 2020
3.		Sri.D. Kiran Kumar, Asst. Professor	Adaptive Fuzzy Controller based Self-Regulated Reference Stator Flux Estimator of Direct Torque Control for Three level Inverter fed IPMSM	International Journal	Vol.13, No.2. 2020 PP 11-19 and ISSN No. 2185-3118	March 2020

Journal/ Conference Papers Presented by Faculty Members

S. No.	Name of the Dept.	Name of the Faculty & Designation	Title of the Paper	Name of International / National Conference/ Seminar	Date and Year
1	EEE	Dr. K. Naga Sujatha Professor & Dy. Director, UGC-HRDC JNTUH	Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies	All India Seminar on “Policies of Governments, Paradigms Challenges and Opportunities for sustainable electrical power in India”	February 19-20, 2020
2		V. Baby Shalini, K. Naga Sujatha	Energy Optimization of Buildings through Sustainable Materials	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3,	February, 2020
3		Dr. K. Naga Sujatha Professor & Dy. Director, UGC-HRDC JNTUH	Operation of Droop-Controlled Hybrid Islanded Multiple Sub grids	International Conference on Electrical and Electronics Engineering	February 28-29, 2020

New Appointment(s)/Promotion(s)

S. No.	Name of the Dept.	Name of the Faculty & Designation	Appointed
1.	EEE	Sri.D.Kiran Kumar, Asst. Professor	Project Engineer (Electrical), JNTUHCEH
2.			Appointed as Warden for Manjeera Hostel, JNTUHCEH

Students qualifying in State/ National Level examinations (GATE/ CAT etc)

S. No.	Name of the Dept.	Name of the Student	Exam Qualified	Rank Secured	Registration number
1.	EEE	Venkata Sai Charak Maturi	CAT	154.45	9082562

➤ Total 32 students of EEE Department qualified in GATE conducted in February 2020.

Student Activities Technical Symposiums Organized/Participated

S. No.	Name of the Dept	Name of the Event	Date of the Event	No. of Students Participated
	EEE	Organized Technical Symposium PRAGNYA-2020	March 12 th & 13 th ,2020	1500

Mechanical Engineering Department**Infrastructure Development Activities: New Equipment/Software Installed in the Department**

S. No.	Name of the Dept.	Name of the Lab	Details of the Infrastructure Setup (creation of new labs, new facilities etc.)	Total Cost (Rs. in L)
1	Mechanical Engineering	Thermal Engineering Lab	Software for Simulation flow Network for Various Thermal Processes	7.98
2			Test Rig with Smoke Meter for Carrying Research on IC Engine Exhaust Gasses (Smoke meter with five gas analyzer for diesel engine)	5.586
3			Computerized Engine Test set up for VCR Multi - fuel Engine Single Cylinder 4-S CI Engine	11.71
4			Four Stroke Single Cylinder Diesel Engine with Eddy Current Dynamometer with DAQ	9.975
5		Material Testing Lab	Planetary Ball mill	8.27663
6			Fatigue Testing Machine	92.400

7	Instrumentation and Control Systems/ Metrology Lab	Dial Indicators (0.001 mm LC) (5 No's)	0.20
8		Slip Gauges (2 sets)	0.34290
9		Magnetic Stand for Dial Indicators (5 No's)	0.11
10	Production Technology Lab	Tensometer with all accessories, Computer and printer (Under TEQIP II)	4.095
11	Advanced Thermodynamics Lab	Vapour Absorption Ref Unit with data logging facility	2.52
12		Air Conditioning Lab unit with data logger	2.625
13		Impulse Turbine unit	5.49780
14		Reaction Turbine Unit	6.49780
15		Determination of Dryness Fraction	0.74780
16		Marcet Boiler for determination of Process & Temperature Relationship	4.89780
17		Cooler tower	1.20780
18		Nozzle Performance	1.79780
19		Nozzle Pressure Distribution	8.80780
20		Compressor for Air Delivery to Equipment	6.49780

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Dept.	Name of the Faculty & Designation	National/ Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1.	Mechanical Engineering	Dr. A. Balaram Naik Assoc. Prof	National	ORNITHOPTER-2020	2 Days	24-25 Feb. 2020	Connaisance -2020	250
2.			National	AUTONOMOUS-2020	2 Days	Feb 25-26, 2020	Connaisance -2020	220
3.			National	VISION	1	28 ^T	Conn	400

			1	IAS	Day	H FEB 202 0	aissa nce- 2020	
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Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty

S. No	Name of the Dept./Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding
1	Mechanical Engineering	Dr.A.Aruna Kumari & Professor	National	1. Professional Development Programme for Faculty & Administrators of Institutions under TEQUIP-III	5 days	2-6 March, 2020	TEQUIP-III
2				2. Online Tools & Software for Remote Teaching	3	16 -18 May, 2020	UGC HRD Centre, JNTUH
3				3. Advancements in Phase Change Material based Thermal and Renewable Energy Techniques	3	06-08 June,2020 conducted at Lakireddy Balireddy College, Mylavaram,521230	
4				4. 2 day Workshop on Outcome Based Education, NBA Approach	02	11-12, June 2020	
5				5. Mendeley for Researchers: Bibliography and Networking	01	13 th June,2020,KPR Institute of Technology, Coimbatore	
6		Dr.E.Ramjee & Professor	International	Professional Development Programme for Faculty &	5 days	2 nd -6 th March, 2020	TEQUIP-III

				Administrators of Institutions under TEQUIP-III			
7		Dr P Bhamara Professor	National (STC)	MOOCS, e-content Development and Open Educational Resources	3 days	10-12 Feb, 2020	UGC-HRDC, JNTUH
8			National (Online RC)	Incorporating Universal Human Values in Technical Education (An AICTE Initiative)	One week	18-23 April 2020	UGC HRDC

Faculty Achievements

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept.	Name of the Faculty & Designation	Date of Journal / Conference	Title	Title of the Journal	Details of Publications
1.	ME	Dr. P. Bhamara Professor	February, 2020	Effect of Low Volume Concentration on Heat Transfer Enhancement of EG-Water Based Fe ₃ O ₄ Nanofluid	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Vol No.9, Issue No.4, pp.1796-1802
		Dr. A. Aruna Kumari, Professor	March, 2020	Experimental and numerical determination of ultimate strength of the dented plate under axial compression through 3D interpolatable imperfection surface model	--	Vol. 15, no. 5, ISSN 1819-6608
2.		Dr. A. Balaram	25 th - March,	Macro and microstructure	ELSEVIER:	https://doi.org/10.1016/

		Naik, Associate Professor	2020	evaluation of TIG weld on DSS (2304) with bead geometry at three positions.	Materials Today: Proceedin gs	j.matpr.202 0.03.712
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Any Other Achievements

S. No.	Name of the Faculty & Designation	Dept./Centre	Details of the Achievement	Dates
1	Dr. A. Balram Naik Associate Professor	"Macro-Section AND Micro Structure Evaluation of TIG on Duplex Stainless Steel (2304) with Weld Bead Geometry at Different Position "in during 29 th November 2019 to 1 st December 2019	2 nd International Mechanical Engineering Congress- 2019 organized by National Institute of Technology, Tiruchirap palli- 620015, TamilNaidu, In dia	Novem ber 2019 to 1 st Decem ber 2019

New Appointment(s)

S. No.	Name of the Department	Name of the Faculty & Designation	Appointed
1	Mechanical Engineering	Dr. A. Balaram Naik, Associate Professor	Deputy Warden for International Students Hostel, JNTUH Campus.

Student's Achievements

Students qualifying in State/ National/ International level examinations

S. No.	Name of the Dept.	Name of the Student	Exam Qualified	Rank Secured	Registration number
1	Mechanical Engineering	Rohith Kanakagiri	GRE	320/340 Marks	5782247
2		Rohith Kanakagiri	TOEFL	104/120 Marks	6229 0091 9081 0865
3		A.V.Krishna Mohan Naidu	GRE	316/340 Marks	6103054
4		A.V.Krishna Mohan Naidu	IELTS	7.5/9 Points	275342

Journal/ Conference Papers Published by the Students

S. No.	Name of the Branch & Year	Name of the Student	Roll No.	Title of the Paper	Name of International / National Journal	Page No., Vol. No., and Issue No.	Date and Year	No. of participants
1	Mechanical Engineering	Dr.P. Prasanna Coordinator	National	ORNITH OPTER-2020	2 DAYS	24-25 Feb. 2020	Connais sance-2020	250
2		Dr.P. Prasanna Coordinator	National	VISION IAS	1 DAY	28 TH FEB 2020	Connais sance-2020	400
3		Dr.P. Prasanna Coordinator	National	AUTON OMOUS -2020	2 DAYS	Feb 25-26,2020	Connais sance-2020	220

Student Activities like Technical Symposiums Organized/Participated

S. No.	Name of the Dept./Centre	Name of the Event	Date of the Event
1	Mechanical Engineering	Connaissance 2020	Mar 2020

Alumni Activities

A. Alumni Meetings/Activities Organized by the Alumni Association:

1. Annual Global Alumni Meeting is organized on 21 December 2019, which is well attended by the alumni spanning from 1970s to 2019. About 350 alumni, students, faculty and university officials have attended the event.
2. The delegation of Institution Of Engineers (India) IEI (India) led by **Er. Rameswar Rao**, President, **Er. T. Anjaiah**, Hon. Secretary, and **Prof. SM. Ali**, Director (membership), IEI, India, Kolkata visited JNTUHCEH Alumni office on 07-03-2020. Two association office bearers discussed & exchanged the views on membership drive action plan.

B. Expert Lectures/Guest Lectures Delivered by the Distinguished Alumni Member(s):

1. An Interactive Resume Writing Workshop Resume Writing Workshop is organized by the Alumni Association on for the B.Tech. students on 8th February 2020. Around 45 students have attended and benefitted from the workshop.
2. The main focus of the workshop is to create awareness on resume writing w.r.t job readiness and to teach students how to make their resumes stand out. This 2-hour interactive session was also focused on tips on formatting the resume. Students who have attended this workshop can post their feedback here.
3. The IEEE Student Chapter of JNTUH has conducted an event on 29th Feb to bring the IEEE initiatives closer to the students of JNTUH. In an event conducted at JNTUH Campus, distinguished speakers brought back the memories of

the past laurels of JNTUH IEEE chapter and advised students to get engaged with IEEE fraternity to bring benefits of technology, standards and raise the level of innovation. A logo was launched to celebrate the occasion.

- The event was followed by a workshop on Internship Preparation where the speakers from Industry talked about how students can benefit and leverage internships to advance their careers. Speaking at the occasion, Sridhar, Alumni of Batch 2000 shared a talk on how to prepare Resumes that can stand out Machine Learning Algorithms and reach the right HR.

(Photos are available in alumni web portal. Please see the website for photos)

Student Fellowships / Scholarships, Medals etc., Sponsored by the Alumni:

Every year, during the Global Alumni meeting Merit scholarships are issued to students who are toppers in each branch and each year. This year too during Global Alumni Meeting organized on 21 December 2019, 32 scholarships, each of amount Rs 10,000/- are issued on merit basis.

Other Achievements Related to JNTUH CEH

S. No	Name of the College	Name of the Activity	Date	Brief Description
1	JNTUHCEH	Construction of Alumni Association Building with central facilities for the benefit of students, faculty and alumni activities	Feb-Mar, 2020	Executive Council, JNTUH has graciously provided the required space for the construction of the central facility which will be entirely funded by the Alumni Association of JNTUHCEH.

Centre for Energy Studies

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty:

S. No.	Name of the Centre	Name of the Faculty & Designation	National / Intl	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding
01	Centre for Energy Studies	Dr. M. T. Naik Professor & Coordinator	International	Recent Trends in Renewable Energy and Sustainable Development	02	30-31 January- 2020	TEQIP-III

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	International / National Journal
01	Centre for Energy Studies	Dr.M. T.Naik Professor & Coordinator	Influence of strain rates on forming characteristics of ASS3 16 L sheets at elevated temperatures	International
			Comparative study of ASS 316L on formability at room temperature and super plastic region.	International

Students' Achievements

Students qualifying in State/ National Level Examinations: GATE

S. No.	Name of the Centre	Name of the Student	Exam Qualified	Rank Secured	Registration number
1	Centre for Energy Studies	P. Sairam Reddy	GATE	362	ME2S11405898
2		K.Ajay Kumar	GATE	13,934	ME20S21406478
3		M. Linga Reddy	GATE	10,275	ME20S11407445

Journal/ Conference Papers Presented by the Students

S. No.	Name of the Centre	Name of the Student	Roll No.	Title of the Paper	Name of Intl. / National Conference/ Seminar	Date and Year
01	Centre for Energy Studies	G. Saisiri	18011D100	Policies of Government Paradigms Challenges and Opportunities for Sustainable Electrical Power in India.	All India Seminar	
		P. Gopal T.	18011D1011			
		Lavanya	18011D1009			
02	Centre for Energy Studies	G. Saisiri	18011D1007	Analysis of Anti Islanding Techniques in Distributed Energy recourse System Micro grid.	Seminar	February, 19,20-2020
		P. Gopal T.	18011D1011			
03	Centre for Energy Studies	Lavanya	18011D1009			
		B. Sateesh	18011D1004	Design & Develop a priority converter for Micro grid.		
		D. Vyshnavi	18011D1012			

Sports Activities /Competitions Organized/Participated by Centre for Energy Studies:

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Prize
01	D.Vyshnavi	M.Tech(ES)	Short put	JNTUH	2 nd
02	T.Lavanya		Table Tennis		1 st
03	K.Shinva Kumar U.Srikanth B.SateeshP.Sairam Reddy P.Gopal		Cricket		1 st
04	K.Shinva Kumar U.Srikanth B.Sateesh P.Sairam Reddy P.Gopal		Basket ball		1 st
05	K.Shinva Kumar U.SrikanthB.SateeshP.Sai ram Reddy P.Gopal M. Suresh		Kho-Kho		Runner-UP
06	B. Sateesh		Chess		1 st
07	B. Sateesh		Carrom		1 st
08	D. VyshnaviG.VedasriG.Sais iriT.Lavanya D. AkshithaH.Haritha		Throwball		1 st
09	D.Vyshnavi		Badminton doubles		1 st
10	M. Linga Reddy A.CharankumarB.Kondal		Cricket		1 st
11	M. Sushma Priyanka D.Mounika		Throwball		1 st

Electronics and Communication Engineering Department

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Dept./ Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	Duration	Date(s) & Venue
01	ECE	Dr. M. Madhavi Latha, Professor	National	A Two-Day Hands-on Faculty Development Program on “Machine and Deep Learning” (Under TEQIP-III, JNTUH) in collaboration with UIIC, JNTUH and MathWorks (P) Ltd., Bangalore.	2 Days	7 - 8 January, 2020, JNTUH
01		Dr. K. Anitha Sheela, Professor & HoD		Two Day Boot Camp on Robotic Operating System in collaboration with Smartbridge, IBM Partners,	2 Days	7 th -8 th of February, 2020
02				Two day Students workshop on 5G Technologies in Collaboration with Mathworks,Capricot	2 Days	25 th -26 th of February, 2020

Invited Talks/Expert Lectures Organized/Delivered by the Faculty

S. No	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Topic	Invitee	Date & Venue
01	ECE	Dr. L Pratap Reddy Professor	1. Outcome Based Education & NBA Accreditation	Rajarajeswari College of Engineering, Bangalore	23/01/2020
			2. Research Ethics & Paper Writing	JNTUH College of Engineering Manthani	29/02/2020
Dr D Sreenivasa Rao Professor		Resource Person at AICTE one Week STTP on Advance analysis of Wireless Communication and Soft Computing	CMR Engineering College, Hyderabad	01/02/2020	
Dr. T. Saya Savithri Professor		Invited Talk on Image Processing in TAIC'20	Talla Padmavathi College of Engineering, Warangal	28/02/2020	
Dr. A. Rajani		1. Two Week National Level training Program	CMR CET, Hyderabad	24/02/2020	

06		Assoc. Professor	on AI, ML & DL 2. Three Day Workshop on ML using Python	VBIT, Hyderabad	05 th -07 th March 2020
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Details of Ph. D guidance by the Faculty

S. No.	Name of the Dept./ Centre	Name of the Faculty & Designation	Name of the Student	Title of Thesis	Date/Month
01	ECE	Dr. M. Madhavi Latha, Professor	Mr. Harihara Santhosh Dadi (H. T. No. 1203PH0837)	“Weighted Running Window Background Model Bases GMM for Tracking Humans in Surveillance Videos	January, 2020
02			Mr. Chinnarao Bonu (H.T. No. 0503PH0807)	“Image De-noising Based on Patch Grouping and Adaptive Threshold Techniques Using Dual-Tree Complex Wavelet Transform”	January, 2020
02			Ms. Pala Kalyani (H.T. No. 1203PH0875)	"Adaptive Forward and Reverse Body Biasing Technique for Sub-threshold Circuits"	March, 2020

Faculty Achievements: Awards

S. No.	Name of the Department	Name of the Faculty & Designation	Name of the Membership Received	Awarding Agency
01	ECE	Dr. K. Anitha Sheela Professor&HoD	Senior IEEE Member	IEEE

Journal/ Conference Papers Reviewed by the Faculty

S. No.	Name of the Department	Name of the Faculty & Designation	Name of International / National Journal/ Conference
01	ECE	Dr A Rajani, Assoc. Professor	SPIN 2020-IEEE Amity University, Noida

New Appointments and Promotions/Assignments

Prestigious Assignments (National/International) Received by the Faculty:

S. No.	Name of the Department	Name of the Faculty & Designation	Name of the Assignment	Awarding Agency
01		Dr L Pratap Reddy, Professor	Subject Expert for APRCET-2019 Ph. D Admissions, 19 th - 20 th Feb 2020	JNTUK

02	ECE	Dr. M. Madhavi Latha, Professor	Subject Expert for APRCET-2019 Ph. D Admissions, 10 th - 11 th Feb 2020	JNTUK
			Subject Expert for APRCET-2019 Ph. D Admissions, 24 th -25 th Feb 2020	JNTUK
03		Dr. D. Sreenivasa Rao, Professor	Subject Expert for Ph. D 2019-20 Admissions, 26 th - 28 th Feb 2020	JNTUA
04		Dr. M. Asha Rani, Professor	BoS Meeting, 27 th -29 th Feb 2020	JNTUK
05		Dr. T. Satya Savithri, Professor	PH. D viva Voce, 21 st – 22 nd Jan 2020	SVU Tirupati
06		Dr. T. Satya Savithri, Professor	PH. D viva Voce, 07 th March 2020	JNTUK
07		Dr. A. Rajani, Assoc. Professor	Acted as Judge in Smart India Hackathon, 09 th – 10 th Jan 2020	JNTUH

New Appointment(s)/Promotion(s):

S. No.	Name of the Department	Name of the Faculty & Designation	Appointed/ Promoted
01	ECE	Dr P Chandra Sekhar Reddy	BoS Chairman-ECE, JNTUH

Students' Achievements: ECE Department

Prizes/Awards/Medals for outstanding performance in Academic/Sports/Cultural Activities at National Level

S. No.	Name of the student	Student Roll. No.	Year of Study	Category (Academic/ Sports/ Cultural)	Name of the Organization	Venue	Details of the Event
01	Muaz Hyder Qurashi	18011A0462	II-II Sem	Sports	VNR VJIT	VNR VJIT	Zonal Table Tennis II Position
02	Yalala Nithya	18011A0453		Academic	Workshop	JNTUH	Basic Simulation
03	Aditya Vadlamudi	18011A0460		Sports	VNR VJIT	VNR VJIT	Zonal Basketball
04	Saiseetharamai ah Payyavula	18011A0443		Sports	VNR VJIT	VNR VJIT	Zonal Badminton Singles
05	Mounika K	18011P0409		Sports			Kho-Kho

06	Anusha madunala	19015A0409	Workshop	JNTUHCE H	Robotic OS workshop,	
07	Anusha madunala	19015A0409	Quiz		IEEE quiz	
08	Anusha madunala	19015A0409	Quiz		National level quiz competition	
09	B.Pranathi	18011A0405	Sports		Throwball	
10	GolleShivananda	19015A0404	Workshop		Robotic OS	
11	GolleShivananda	19015A0404	Workshop		5G technologies	
12	KandulaGnapika	19015A0406	Symposium		E-papyrus	
13	MeduriPragyashree	18011A0425	Workshop		5G technologies	
14	Pulipati Yashwanth Kumar	19015A0421	Quiz		IEEE quiz	
15	Pulipati Yashwanth Kumar	19015A0421	Workshop		Robotic OS	
16	Pulipati Yashwanth Kumar	19015A0421	Workshop		Aws server workshop	
17	Siddaveni Vaishnavi	18011A0445	Workshop		5G technologies	
18	suliamankar	18011A0457	Sports		University match	
19	Tushar Raina	18011A456	Quiz		SNIST	Quiz competition on computer networking and embedded systems
20	Yalala Nitya	18011A0453	Workshop		JNTUHCE H	Basic Simulation

ECE
Department

21	Kuppili Mounika	19015A0407		Workshop			5G technologies
22	S.Nikhila	18011A0447		Workshop			Robotic OS
23	Nusrath Begum	19015A0413		Quiz			
24	Greeshma Gudikandula	18011A0416		Workshop			5G technologies
25	Reshma	18011A0437		Workshop			5G technologies
26	Shiva Kiran	18011A0441		Workshop			Robotic OS
27	B Harshitha	18011P0401		Workshop			5G technologies

Students qualifying in State/ National/ International Level Examinations GATE/ GRE/ TOEFL

S. No.	Name of the Dept	Name of the Student	Exam Qualified	Rank Secured	Registration number
01	ECE	Talacheeru Venkata Rohith	GATE -2020	146	EC20S41407979
02		Dhaladhuli Jahnavi		822	EC20S41402166
03		V.N.V. Sai Rama Ajay		1119	EC20S41414183
04		ManikanthChintoju		2850	EC20S41405557
05		Vaishnavi Suryapeta		3208	EC20S41414193
06		Sunkari Srilatha		3836	
07		N Manas Anand		6128	EC20S41401918
08		Meghana Pallem pati		6620	EC20S41404407
09		Nunna Kasi Sriharsha		6775	EC20S41410975
10		Maddala Nayomi		6970	EC20S41402194
11		Bhanu Charan Alluri		6970	EC20S41409093
12		Vennapusa Lakshmi		6970	EC20S41404897
13		Madhurima Vanga		9463	EC20S41401572
14		SRIKARI BODUGAM		11051	EC20S47402127
15		Jaya Prakash Aenugutala		11328	EC20S41407719
16		Yedelli Madhukar		11931	EC20S41401564
17		Akhilesh C.M.		12871	EC20S41407452
18		MOUNIKA BALIGA		15119	EC20S41401407
19		ALLURI VAIBHAV		16836	EC20S41412039
20		Ponnalamanasa		21016	EC20S41407595
21		Apurva		21016	EC20S41402815
22		Keertana Vellanki	TOEFL	99/120	4TE988DD

23		Valluri Siri	TOEFL	106/120	
24		Valluri Siri	GRE	318/340	5810957
25		Nihkhil Perala	GRE	298/340	7997535227

Students' Activities like Technical Symposiums, Competitions, and Cultural activities etc. Organized

S. No.	Name of the Dept	Name of the Event	Date of the Event
01	ECE	Traditional Fest	10/03/2020
02	ECE	Spoothi	12 th -13 th March 2020

Sports Activities /Competitions Organized/Participated at the Institution Level

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College
01	Kunchaparti YasodaDhanalaxmi	B. Tech II Year II Sem	Smart India Hackathon	JNTUHCEH
02	Sakhi Namireddy			
03	Lalith Kumar Reddy B			
04	Asapu Jyotsna Rao			
05	Saiseetaramaiah P			
06	P Hema Praveen			
07	ChencharapuMadhusudhan			
08	P Yashwanth Kumar			
09	Nusrath Begum			
10	MarikundamHarshitha			
11	Talasila Sai Saroja			
12	Sharafuddin			
13	Tushar Raina			
14	Nidigonda V N Krushna Prahas			
15	M Shashidhar			
16	D Nihal			
17	T Sharath Chandra			
18	S Badrinath			
19	D Pranitha			
20	Rida Fathima			
21	Yashwanth Kumar P		Police Hackathon	Yousufguda
22	T Pavani	B. Tech III Year II Sem	IEEE COVID MOVE Online Hackathon	
23	T Rajashekar			
24	K Harshitha			
25	Thekla Indu		Speech and Essay Competition	JNTUHCEH

Other Achievements

S. No	Name of the Dept	Name of the Student	Class & Branch	Name of the Activity	Date	Brief Description of the Achievement
01	ECE	Meduri Pragyasree	II Year II Sem	Seminar	03/03/2020	Vision IAS Inspiring innovation
02	ECE	Sinkona Chinthamalla	II Year II Sem	Seminar	03/03/2020	Vision IAS Inspiring Innovation

Placements

Number of UG/PG Students Placed

S. No	Branch/Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/Organization
01	ECE	10	04	7 Lakhs PA FTD India

Other Achievements

S. No	Name of the Dept	Name of the Activity	Brief Description
01	ECE	IEEE Student Branch Logo Launch	Logo Launch for IEEE Student Branch JNTUH Under TEQIP-III and IEEE Student branch JNTUH was conducted on 29 th February, 2020 Dr. K. Anitha Sheela (Professor and Head of ECE Department) as a Student Branch Counsellor and J. Pankaj (B.Tech. IV Year IDP) as a Student Branch Chair

Department of Computer Science & Engineering

Details of Conferences/Seminars/Workshops/FDPs Organized by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	National/ Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1.	CSE	Dr.R.Sridevi & Dr.J.Ujwala Rekha	National Workshop	HACKTIVISION	2 Days	8 th & 9 th Feb 2020(CSE Dept)	Quest-2020	100
2.	CSE		International Conference	ICCII-2020	2 Days	14 th & 15 th Feb 2020(CSE Dept)	TEQIP-III	100
3.	CSE		National Workshop	Blockchain Technology	2 Days	22 nd & 23 rd Feb 2020(CSE Dept)	Quest-2020	50
4.	CSE		National level	Hackathon	1 Day	7 th March 2020(CSE)	Quest-2020	100

			Hackat hon			Dept)		
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➤ **Dr.A. Govardhan was appointed as the in-charge Registrar, JNTUH in December, 2019.**

Students' Achievements: CSE Department

Prizes/Awards/Medals for outstanding performance in Academic/Sports/Cultural Activities at National/International level:

S. No.	Name of the student	Student Roll. No.	Year of Study	National/ Intl.	Name of the Prize/Award/ Medal Received	Category (Academic/ Sports/ Cultural)
1	Mohammed Nizamuddin Farhaan	17011 A0516	3 rd Year	National	Icpc Asia Amritapuri Regionalist (Rank: 201)	Academic
2	N.Reenasree	19011 DA808	I M.Tech.	National	Judo Participation	Sports
3	Votarkar Vishal	19011 D0514	I M.Tech.	International	4 th international Conference on computational intelligence and informatics (ICCI-2020)	Academic

➤ Total 25 Students of CSE Department qualified GATE conducted in February 2020.

Student Activities like Technical Symposiums Organized/Participated:

S. No.	Name of the Dept./Centre	Name of the Event	Date of the Event	No. of Students Participated
1.	CSE	QUEST 2020	13 th & 14 th March, 2020	200

Metallurgical Engineering Department

New Equipment/Software Installed in the Dept.

S. No.	Name of the Dept./Centre	Place in which Equipment/Software was Installed	Details of the Equipment/ Software	Cost of the Equipment/Software (Rs. In Lakhs)
1.	Metallurgical Engineering	Printer in HOD Room	Hp Laserjet Multi Function Printer M1136 (Print, Scan & Copy)	13,500/-

Students qualifying in State/ National/ International level GATE examination

S.No.	Name of the Dept./Centre	Roll No.	Name of the Student	Exam Qualified	Rank Secured	Registration number
1.	Metallurgical	16011A0613	A. Hima Shankar	GATE	295	MT20S11405381
2.		16011A0619	V. MeherTeja		95	MT20S11404254
3.		16011A0623	G.P. Naga Ajay Ram		161	MT20S11404334

4.	Engineering	16011A0626	K. Raghava		739	MT20S11404270
5.		16011A0629	K. Reethika		788	MT20S22401254
6.		16011A0638	B. Sai Shanmuk		788	MT20S11406421
7.		16011A0640	B. Sandeep		479	MT20S11405357

Students' Activities

Student Activities like Technical Symposiums, and Cultural activities etc. Organized/Participated:

S.No.	Name of the Dept./Centre	Name of the Event	Date of the Event	No. of Students Participated
1.	Metallurgical Engineering	One Day Workshop on "3D Printing"	29 th February 2020 at JNTUH CEH	200
2.		AYAS 2020	12 th and 13 th March 2020	300

Sports Activities Participated:

S.No.	Roll No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Prize Award
1.	18011A0610	B. Chanakya	B. Tech. (II/IV) Metallurgical Engineering	Basket Ball 2019-2020 (21.01.2020)	VNR VJIET	II Position
2.	18011A0618	D. Siva Kumar				
3.	18011A0621	G.V. Yateendra				
4.	18011A0625	K. V. Ruthvik Reddy				
5.	18011A0626	K. Swamy Naidu				
6.	18011A0647	S. Rohit Raj				

Chemical Engineering Department

Details of the Technical Fests Organized by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	National/ Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	Chemical Engg.	Dr.S.Devaki Rani, Professor&I/C.H OD of Chem.Engg.	National	GEN OS 2020	2 Days	12 th and 13 th March, 2020	Sponsoring by various agencies like Virchoing laboratories, Nisarga, etc.	235

Students qualifying in State/ National/ International Level Examinations like GATE

S. No.	Name of the Dept./Centre	Roll No.	Name of the Student	Exam Qualified	Rank Secured	Registration number
1	Chemical Engg.	15011A0821	Mohd. Ali Zaheer	GATE	2613	CH20S31404266
2		16011A0819	I. Meghana Sucharitha	GATE	1735	CH20S31404344
3		16011A0834	K. Santhosh Hari	GATE	2895	CH20S31402529
4		16011A0842	Sri Priya Govardana	GATE	610	CH20S37415024

Journal/ Conference Papers Presented by the Students

S. No.	Name of the Branch & Year	Name of the Student	Roll No.	Title of the Paper	Name of Intl. / National Conference/ Seminar	Date and Year
1	Chem. Engg./ III B.Tech.	D. Supriya	17011A0841	Bio filtration for Air pollution control	JNTUH/National	12 th March 2020
2		S. Venkata yuvaraju	17011A0848			
3		D. Supriya	17011A0841	Bio- diesel and bio- plastic	JNTUH/National	13 th March 2020
4		S. Venkata Yuvaraju	17011A0848			

Student Activities like Technical Symposiums, Workshop Organized:

S. No.	Name of the Dept./Centre	Name of the Event	Date of the Event	No. of Students Participated
1	Chemical Engineering	Work shop on "Vibrational Spectroscopy"	2 nd March, 2020 at JNTUH CEH	250
2		Work shop on "molecular modelling"	2 nd March, 2020 at JNTUH CEH	250
3		GENOS 2020	12 th and 13 th March, 2020	220

Any other Achievements

S. No	Name of the Dept./Centre	Name of the Student	Class & Branch	Name of the Activity	Date	Brief Description of the Achievement
1	Chem. Engg.	S. Venkata Yuvaraju	III B.Tech	Internship on "Oil and gas installation and activation"	01.02.2020 to 15.02.2020	Industrial Training in ONGC, Rajamundry.
2		N. Vinod Kumar				

Number of UG/PG Students Placed

S. No	Branch/ Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/Organization
1	Chem. Engg.	16	4	6 LPA/ ITC Badrachalam Paperboard Ltd.

JNTUH COLLEGE OF ENGINEERING HYDERABAD
 DEPARTMENT OF CHEMICAL ENGINEERING
GENOS 2020 PROUDLY PRESENTS
 ONE DAY WORKSHOP ON
MOLECULAR MODELLING & VIBRATIONAL SPECTROSCOPY
 TOPICS AND TRAINER

MOLECULAR MODELLING - Prof M VIJULATHA (O.U.)	VIBRATIONAL SPECTROSCOPY - Prof PADMAVATHI (O.U.)
HANDS ON MOLECULE SKETCHING 2D&3D HOMOLOGY MODELLING MOLECULAR DOCKING	INTRODUCTION INSTRUMENTATION FTIR POLY ATOMIC VIBRATIONS APPLICATIONS

CONTACT: M.VAMSHI - 9666224425 [Includes lunch, material & Certificate]
 CH.DIVYA - 8501802361
 A.ARUN - 8106815518
 S.PRANATHI - 9515445817

FEE :500/-
 DATE AND VENUE: 2nd MARCH'20@JNTUH,Kukatpally

www.genos2020.com
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GENOS 2020

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD
 DEPARTMENT OF CHEMICAL ENGINEERING
GENOS 2020 WELCOMES YOU TO
TRADITIONAL DAY
 DATE: 5/03/2020
 VENUE: UG AUDITORIUM



GENOS 2020 Traditional Day



GENOS2020 Flash Mob



GENOS2020 Flash Mob



GENOS 2020

Mathematics Department

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1	Mathematics	Dr. V. Srinivasa Kumar (Asst Prof)	Numerical Process to Solve Two -Point Boundary Value Problems	Journal of Engineering, Computing and Architecture	127-135 Vol: 10 Issue:5	2020
2		Dr. B. Shankar Goud (Asst Prof(C))	Radiation and magnetic field effects of free convective flow over a linearly moving permeable vertical surface in the presence of suction	Journal of Xi'an University of Architecture & Technology	2696-2701 Vol: 12 Issue: 5	2020
3			Radiation and Hall Effect on MHD mixed convection of Casson fluid over a stretching sheet.	International Journal of Advanced Science and Technology	pp 1121-1131 vol: 29 issue: 7	2020
4			FDM and FEM correlative approach on unsteady heat and mass transfer flow through a porous medium".	Journal of Xidian University	pp:2144-2153. Vol: 14 Issue: 4	2020
5			Heat Source Effect on MHD Fluid Flow Over a Moving Vertical Plate in the presence of Chemical Reaction with Convective surface Boundary Conditions".	Journal of Engineering, Computing and Architecture,	Pp:38-46 Vol: 10 Issue: 1	2020

Journal/ Conference Papers Presented by Faculty Members

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Conference/ Seminar	Date and Year
1	Mathematics	Dr. M. A. Srinivas Professor & HEAD	Study of Heat and Mass Transfer Effects of Peristaltic Motion of a Jeffery fluid in a Tube	International conference on advances in applicable mathematics	21 st & 22 nd Feb, 2020

Physics Department

Faculty Achievements: Awards

S. No.	Dept./Centre	Name of the Faculty & Designation	Name of the Award/ Fellowship/ received	Date & Year	National/ Intl.	Awarding Agency
1	Physics	Dr.S.Venkateswara Rao, Professor &BoS Chairperson	International Iconic Achievement Award For Intellectual People	2020	International	Economic Growth Foundation
			Best Contribution In Education Award	2020	International	Innovation Society India
			Outstanding Teacher Award	2020	International	Innovation Society India

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1	Physics	Dr. Y.Aparna, Professor & Head	1.Dielectric relaxation and thermodynamic study of Dimethylformamide/ 1,4-Butanediol binary mixtures in the temperature range 298K–323K	International	Physica B 588 (2020) 412142 (13 pages)	9.3.2020
			2.Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	International	233 (2020) 118189 (10 pages)	20.2.2020

Humanities and Social Sciences Department

Infrastructure Development Activities: New Infrastructure Setup in the Dept.

S. No.	Name of the Dept./Centre	Details of the Infrastructure Setup (creation of new labs, new facilities etc.)	Total Cost for the Setup (Rs. In Lakhs)
1.	Humanities & Social Sciences	Seminar Hall (Inaugurated on 27January2020)	Two Lakhs
2.	Humanities & Social Sciences	Interactive Communication Skills Lab (Inaugurated on 27January2020)	Two Lakhs

New Equipment Installed in the Dept.

S. No.	Name of the Dept./Centre	Place in which Equipment was Installed	Details of the Equipment	Cost of the Equipment (Rs. In Lakhs)
1.	Humanities & Social Sciences	Seminar Hall	Round Tables, Hydraulic Chairs, Podium, Teacher Desks, Projector(TEQIP-3)	4.5 Lakhs
2.	Humanities & Social Sciences	Interactive Communication Skills Lab	Round Tables, Hydraulic Chairs, Podium, Teacher Desks, Projector(TEQIP-3)	3.5 Lakhs

Details of FDP Organized by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1.	Humanities & Social Sciences	Dr.Parvathi .V Professor &Coordinator	National	'Gender Sensitization'	One Week	3-8 February 2020.	UGC-HRDC	45

Details of STC Attended by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding	No. of Participants
1.	Humanities & Social Sciences	Dr.NVSN Lakshmi attended STC	National	'Gender Sensitisation'	One Week	3-8 February 2020.	UGC-HRDC	45

Training and Placement Cell

Number of UG/PG Students Placed:

S. No	Branch/ Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/Organization
1	UG-CSE	68	40	13 - 16 LPA
2	UG-ECE	55	37	9-9.5 LPA
3	UG-EEE	36	35	8.0 LPA
4	UG-ME	25	28	6.5 LPA
5	UG-CIVIL	16	10	8.25 LPA
6	UG- CHEMICAL	08	16	6.63 LPA
7	UG-METT.	08	23	8.25 LPA

Physical Education Department

Students' Achievements: Prizes/Awards/Medals for outstanding performance in Academic/ Sports/ Cultural Activities at National/International level:

S. No	Name of the Student	Student Roll. No.	Year of study	National / Intl.	Name of the Prize Award/ Medal Received	Category (Academic / Sports/ Cultural)	Name of the Organization	Venue	Detail of the Event
1	Arka Banergee	16Q91 A03A5	B-TECH (IV/IV) MRCE	All India Inter University	Gold Medal	Sports	-	Sathyabama University	Karate
2	Akkala Harikishore	19R21 E0003	MBA (I/II) MLRIT	All India Inter University	Silver Medal	Sports	-	GNDU Amritsar	Gymnastics
3	Gantala Sindhu	19R21 E0028	MBA (I/II) MLRIT	All India Inter University	Silver Medal	Sports	-	Manonmaniam Sundaranar University	Weight Lifting

Students' Activities

Sports Activities /Competitions Organized/Participated at the Institution Level:

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Level
1	Gade Saivivek	B -Tech (II/V) CIVIL+IDP JNTUHCEH	Aquatics (Swimming)	Lovely Professional university, Punjab.	All India Inter University
2	K.Sugun Paul	M -Tech (II/II) MECH	Basketball	Hindustan University, Chennai	South Zone Inter University

		JNTUHCEH			
3	Kodigudla Sai Durga Jagadeesh	M -Tech (II/II) BT JNTUHCEH	Basketball	Hindustan University, Chennai	South Zone Inter University
4	Mohammed Qizer	B.Tech (II/IV) CE JNTUHCEH	Handball	Bengaluru North University, Kolar.	South Zone Inter University
5	Karri Swamy Naidu	B.Tech (II/IV) CSE JNTUHCEH	Softball	Yogi Vemana Univeristy Kadapa.	All Inida Inter University
6	K.Ruthivk Reddy	B.Tech (II/IV) Met. Engg. JNTUHCEH	Netball	University Of Calicut, Kerala	All Inida Inter University
7	K.Swami Nadu	B.Tech (II/IV) Met. Engg. JNTUHCEH	Soft Ball	Yogi Vemana University, Kadappa	All Inida Inter University
8	B.Prem Kumar Reddy	B.Tech (I/IV) EEE JNTUHCEH	Teakwondo, Poomsae.	Punjabi University, Patiala.	All Inida Inter University
9	CH.Raghu	B.Tech (I/IV) CE JNTUHCEH	Teakwondo, Poomsae.	Punjabi University, Patiala.	All Inida Inter University
10	Soumya Sree Maram	B.Tech (I/IV) ECE JNTUHCEH	Ball Badminton	Andhra University, Visakhapatnam.	All Inida Inter University
11	SingapoguPreethi	B.Tech (I/IV) MECH JNTUHCEH	Ball Badminton	Andhra University, Visakhapatnam.	All Inida Inter University
12	Nidhi Singh	B.Tech (I/IV) CSE JNTUHCEH	Basketball	University Of Madras, Chennai	South Zone Inter University
13	Duvvada Yamini	B.Tech (I/V) Mech. (IDP) JNTUHCEH	Handball	University Of Calicut, Kerala	South Zone Inter University
14	Salidendi Ravali	B.Tech (II/IV) ECE JNTUHCEH	Kabaddi	Vel Tech University, Chennai	South Zone Inter University
15	Nallagonda Aakruthi	B.Tech (I/IV) Met. Engg. JNTUHCEH	Netball	Annamalai University, Tamil Nadu	All Inida Inter University
16	Bhushan Udayasri	B.Tech (I/IV) Met. Engg. JNTUHCEH	Netball	Annamalai University, Tamil Nadu	All Inida Inter University
17	Chinthalapudi Ramya Sri	B.Tech (III/IV) Met. Engg. JNTUHCEH	Volleyball	Srm University, Chennai	South Zone Inter University
18	Allu Hima Bindu	B.Tech (IV/V) EEE (IDP) JNTUHCEH	Volleyball	Srm University, Chennai	South Zone Inter University
19	Posina Harshitha	B.Tech (I/IV) EEE JNTUHCEH	Volleyball	Srm University, Chennai	South Zone Inter University
20	G.Satya Sri Vani	B.Tech (I/IV) ECE JNTUHCEH	Soft Ball	Punjabi University, Patiala.	All Inida Inter University
21	J.Mounika	B.Tech	Soft Ball	Punjabi University,	All Inida Inter

		(II/IV) CSE JNTUHCEH		Patiala..	University
22	Duvvada Yamini	B.Tech (I/V) Mech. (IDP) JNTUHCEH	Teakwondo, Poomsea	Punjabi University, Patiala..	All Inida Inter University
23	B.Soniha Reddy	B.Tech (I/IV) CE JNTUHCEH	Teakwondo, Poomsea	Punjabi University,Patiala..	All Inida Inter University

All the above players are represented South Zone & All India Inter University Tournaments from JNTUHCEH Achievement in All India Inter University Tournaments 2019-2020.by the JNTUH University, Hyderabad.

- 1) **Mr. Arka Banerjee** secured Gold Medal in All India Inter University Karate Championship held at Sathyabama University, Chennai.

కరాటే పోటీల్లో జేఎన్టీయూకి బంగారు పతకం

కేపీహెచ్బీకాలనీ: తమిళనాడులోని సత్యభామ విశ్వవిద్యాలయంలో ఈ నెల 8 నుంచి 10వ తేదీ వరకు నిర్వహించిన ఆల్ ఇండియా ఇంటర్ యూనివర్సిటీ కరాటే ఛాంపియన్షిప్ లో జేఎన్టీయూ హెచ్ కు చెందిన విద్యార్థి ఎ.బెనర్జీ బంగారు పతకాన్ని సాధించాడు. సోమవారం బంగారు పతకం సాధించిన ఎ.బెనర్జీని రిజిస్ట్రార్ ఛాంబర్ లో ఘనంగా సన్మానించారు. కార్యక్రమంలో ప్రొఫెసర్ ఎ.గోవర్ధన్, ప్రొఫెసర్ బీఎన్ బండారి, సెక్రటరీ స్పోర్ట్స్ కౌన్సిల్ డాక్టర్ ఎన్ ఎస్ దిలీప్, నేషనల్ కోచ్ కీర్తన్ పాల్గాని బెనర్జీని సన్మానించి అభినందించారు. ఈ సందర్భంగా ప్రొఫెసర్ ఎ.గోవర్ధన్ మాట్లాడుతూ బ్రెజిల్ లో జరగబోయే వరల్డ్ యూనివర్సిటీ ఛాంపియన్షిప్ లో జేఎన్టీయూ నుంచి మొట్టమొదటి విద్యార్థి అని పేర్కొన్నారు. అదేవిధంగా ఛాంపియన్షిప్ లో బంగారు పతకాన్ని సాధించి యూనివర్సిటీకి మంచి పేరు తీసుకురావాలని అభినందించారు.



బెనర్జీని సన్మానిస్తున్న ప్రొఫెసర్ గోవర్ధన్ తదితరులు

సాక్షి Tue, 14 January 2020
<https://epaper.sakshi.com/c/47956183>

- 2) **Ms. Gantala Sindhu** secured Silver Medal in All India Inter University Weight Lifting Championship held at Manonmaniam Sundaranar University, Tamil Nadu.

వెయిట్ లిఫ్టింగ్ లో జేఎన్టీయూకి రజత పతకం

కేపీహెచ్బీ కాలనీ: తమిళనాడులోని మునోమ్మానియన్ సుందర్ సర్ విశ్వవిద్యాలయంలో నిర్వహించిన ఆల్ ఇండియా ఇంటర్ యూనివర్సిటీ వెయిట్ లిఫ్టింగ్ ఛాంపియన్షిప్ లో 55 కిలోల విభాగంలో జేఎన్టీయూ హెచ్ వర్సిటీ విద్యార్థిని గంటల సింధు రజత పతకాన్ని సాధించింది. ఈ మేరకు గురువారం జేఎన్టీయూ హెచ్ వర్సిటీ రెక్టర్, ఇన్ చార్జ్ రిజిస్ట్రార్ ఎ.గోవర్ధన్, వర్సిటీ స్పోర్ట్స్ కౌన్సిల్ సెక్రటరీ ఎన్.ఎస్.దిలీప్, అసిస్టెంట్ ఫెజికల్ డైరెక్టర్ సలగొండ అశోక్ లు రిజిస్ట్రార్ ఛాంబర్ లో రజత పతకాన్ని సాధించిన సింధూను అభినందించారు. ఈ సందర్భంగా వారు మాట్లాడుతూ త్వరలోనే గోవా తిలో జరిగే ఖేల్ ఇండియా ఛాంపియన్షిప్ పోటీలలో పాల్గొని బంగారు పతకం సాధించాలని, వర్సిటీకి మరింత పేరు ప్రఖ్యాతులు తీసుకురావాలని అభినందించారు.



- 3) **Mr. Akkala Harikishore** secured Silver Medal in All India Inter University Gymnastics & Malkhamb Championship held at Guru Nanak Dev University, Amritsar.



JNTUH central zone inter collegiate Kho-Kho (men & women) tournament was organized on 18-19 Feb, 2020 at JNTUH campus under the flood lights, in this event 50 men & women teams participated successfully.



2 JNTUH College of Engineering, Jagtial

New Equipment/Software Installed in the Dept.

S. No.	Name of the Dept./Centre	Place in which Equipment/Software was Installed	Details of the Equipment/Software	Cost of the Equipment/Software (Rs. In Lakhs)
01	CSE	M.Tech Data Science Lab	R 4.0.0	Open Source

Details of Conferences/Seminars/Workshops/FDPs Organized by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	EEE	Convenor: Dr.N.V.Ramana, Prof & Principal, Co-Convenor: Dr. K. Srinivas, Asst. Prof. & Head	National	“A Two Day National Level Workshop on NAAC & NBA Accreditation ”	2 Days	26 th &27 th January, 2020.	JNTUH	70 Teaching faculty from various engg colleges
2	EEE	Convenor: Dr.N.V.Ramana, Prof & Principal, Course Co-coordinator: Dr. K. Srinivas, Asst. Prof. & Head	National	“A Two Day Workshop on MATLAB and Simulink”	2 Days	27 th &28 th February, 2020.	JNTUH CEJ	240
3	EEE	Convenor: Dr. K. Srinivas, Asst. Prof. & Head Co-Convenor: Smt. P. Sangeetha, Asst. Prof Sri. C. Radha Charan, Asst. Prof	National	“A National Level Student’s Technical Symposium (EGNIS’20)”	2 Days	11 th & 12 th March, 2020	JNTUH	120
4	ME	Convener Dr. K. Vasanth Kumar, Asst. Prof & Head	National	A Three-Day National Workshop on Finite Element Analysis using ANSYS	3 days	13 th -15 th Feb., JNTUHCE J	JNTUH	100 Students
5	ME	Convener Dr. K. Vasanth Kumar, Asst. Prof	National	A Three-Day National Level Workshop on 3D Printing & Its Applications.	3 days	26 th – 28 th Feb., JNTUHCE J	JNTUH	100 Students

6	JNTU H CEJ /ECE	Dr.B.Prabhakar , Assoc. Prof Convener Mrs.M.Tirupat hamma, Asst .Prof. Co-Convener	Nati onal	Virtual Instrumentati on using Lab View	1- Day	12-03- 2020, JNTUHCE J	JNT UH	75
7	CSE	Dr. T.Venugopa l, Professor & Head	Nati onal	Workshop (Robotics)	2 Days	06-03- 2020 to 07-03- 2020		180
8	CSE	Dr. T.Venugopa l, Professor & Head	Nati onal	A Two Day National Level Workshop on NAAC and NBA Accreditation	2 Days	26- 27 January 2020	JNT UH CEJ	80
9	CSE	Dr. P. Sammulal , Professor	Nati onal	Workshop (Robotics)	2 Days	06-07 March 2020		180
10	CSE	Dr. B. Sateesh Kumar , Professor	Nati onal	Workshop (Robotics)	2 Days	06-07 March 2020		180
11	IT	Dr S Suresh Kumar, Asst Prof & Head	Nati onal	CEZAR	2 days	March 12 th and 13 th 2020	Univ ersity	150
12	IT	Dr CH Asha Jyothi, Asst .Prof.	Nati onal	CEZAR	2 days	March 12 th and 13 th 2020	Univ ersity	150
13	IT	Dr.M.Dhanalak shmi, Professor	Nati onal	CEZAR	2 days	March 12 th and 13 th 2020	Univ ersity	150

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty

S. No.	Name of the Dept.	Name of the Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding
01	Chemistry	Dr. K. Vidya Asst . Prof.	National	Advances in chemical research for energy, environmental, pharmaceuticals	2	19-20 February, 2020	JNTUH
02	Chemistry	Dr. K. Vidya Asst . Prof	National	Science & Technology for sustainable development with woman empowerment	3	25-27 February 2020	

03	Physics	Dr. Suresh Sripada & Asst. Prof	International	International Conference on Material Science for Societal Advancement	3	20-22, January, 2020 Osmania University Hyderabad
04	Physics	Dr. Suresh Sripada & Asst. Prof	International	ICMS-2020	3	04-06, March, 2020 Tripura

Invited Talks/Expert Lectures Organized/Delivered

S. No	Name of the Faculty & Designation	Name of the Dept./ Centre	Title of the Topic	Invitee	Date & Venue
01	Dr.N.V.Ramana Prof of EEE&PrincipalJNTUH CEJ	EEE, JNTUCEJ	A Two Day National Level Workshop on NAAC & NBA Accreditation	JNTUH CEJ	26 th &27 th January, 2020., JN Auditorium
02	Dr. K. Srinivas, Asst Prof, & EEE Head	EEE, JNTUCEJ	A Two Day National Level Workshop on NAAC & NBA Accreditation	JNTUH CEJ	27 th &28 th February, 2020., JN Auditorium
03	Sri. S. Jagadish Kumar, Asst. Prof in EEE	EEE, JNTUCEJ	Electrical Transmission Line Simulator”	Dept .of EEE, JNTUHCEJ,	13 th March, 2020, Dept .of EEE, JNTUHCEJ,
04	Dr. S. Viswanadha Raju, Professor, Vice-Principal	IQAC ,Raisoni Group of Institutions, Nagpur	NBA Accreditation and OBE	Raisoni Group of Institutions	6 march to 7 march 2020,Raisoni, Nagpur
05	Dr. S. Viswanadha Raju, Professor, Vice-Principal	IQAC	OBE and NBA process	Kodada Institute of Technology and Science for Women	Jan 2020, KITSW, Kodad
06	Dr.B.Sateesh Kumar, Professor	CSE	What is IoT Security (Internet of Things)? - Tools & Technologies	CMRIT	7/3/2020
07	Dr.B.Sateesh Kumar, Professor	CSE	Exploring Data in Data Science	AICTE sponsored two weeks faculty development program on Data science and its research confronts	06-01-2020, JITS Narsampet
08	Dr S Suresh Kumar, Asst. Prof & Head	Information Technology	Advanced Algorithms	HOD, CSE	Feb 28 th 2020, Vasavi Engineering college

09	Dr S Suresh Kumar, Asst. Prof & Head	Information Technology	Role of mathematical modelling in Data Science	International Conference on "Mathematical Modeling and High Performance Computing in Science and Technology	Feb 12 th and 13 th 2020, RGPV, Bhopal, M.P
10	Dr S Suresh Kumar, Asst. Prof & Head	Information Technology	Data Pre-processing using R programming	FDP on DATA SCIENCE AND ITS RESEARCH CONFRONTS	7 th Jan 2020, Jayamukhi College, Warangal.

Faculty achievements: Awards

S. No.	Dept./ Centre	Name of the Faculty & Designation	Name of the Award/ Fellowship/ received	Date & Year	National/ Intl.	Awarding Agency
01	CSE	Dr. P. Swetha, Professor	Mahila Shiromani Award, (Young Professor Award)	07-3- 2020	State Level	Govt. of Telangana

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Dept./ Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1	EEE	Dr.K. Srinivas, Asst Prof & Head	"Mitigation of Power Quality Problems In Distribution Side Using D- STATCOM"	International Journal	Volume -11, Issue-3, ISSN 0377-9254	March 2020
2	EEE	Dr.K. Srinivas	Instantaneous Reactive Power Theory Control Scheme for Reactive Power Compensation Using D- STATCOM"	International Journal	Volume -8, Issue-6, ISSN 2277-3878	March 2020
3	EEE	Smt. V.B. Shalini, Asst Prof	"A Comprehensive Review on MPPT Techniques for PV system"	International Journal	Vol 11, Issue 2, Feb-2020 Page No 186-189, ISSN 0377-9254	Feb-2020
4	EEE	Smt. V.B. Shalini, Asst Prof	"Energy Optimization of Buildings Through Sustainable Materials"	International Journal	Vol-9 Issue -3 Feb -2020 ISSN 2249-8958 page. Ne 4151-4153	Feb-2020
5	EEE	Smt. V.B. Shalini, Asst Prof	"Performance of Ret Screens 4 Software on PV Solar System"	International Journal	Vol - 9 Issues 3. Feb-2020 page No 3313-3317 ISSM 2249-8958	Feb-2020
6	EEE	Smt.P.Sa ngeetha,	"A Review on Load-Flow Analysis of	International Journal	Vol.11, Issue 2, Feb-	Feb-2020

		Asst Prof	Power Distribution Systems"		2020,pp.278-285 (ISSN:0377-9254).	
7	EEE	Smt.P.Sa ngeetha, Asst Prof	"A Review on Power efficiency in the Dual active bridge Converter Using Fly back Mode for Bidirectional Photovoltaic Micro Inverter"	International Journal	Vol.11,Issue 2, Feb-2020,pp.247-251 (ISSN:0377-9254).	Feb-2020
8	EEE	Sri. C. Radha Charan, Asst Prof	"Design of a Net Energy Metering System for a Hybrid Energy Storage System"	International Journal	Volume-9, Issue-3, February, 2020,pp.3003-3005.(ISSN: 2249 –8958)	February 2020,
9	EEE	Sri. C. Radha Charan, Asst Prof	"A Review on Optimal Power Control of Grid Connected Photo Voltaic Resources"	International Journal	Vol.11, Issue 2, Feb-2020, pp.383-384 (ISSN:0377-9254).	February 2020,
10	EEE	Sri. C. Radha Charan, Asst Prof	"A D-STATCOM for Power Quality Improvement Under Different Fault Conditions"	International Journal	Volume-8 Issue-6, March2020, pp.1462-1465 (ISSN: 2277-3878)	March 2020
11	ECE	Dr. Dhiraj Sunehra, Professor & Head	Patient Health Monitoring System Using Arduino Mega 2560 and Things board Server	International Journal of Scientific & Technology Research	pp. 5020-5026, Vol.9, Issue 03, ISSN 2277-8616	March 2020
12	ECE	Dr. Dhiraj Sunehra, Professor & Head	Webpage And Telegram Bot Controlled Home Automation System Using Raspberry Pi3	International Journal of Scientific & Technology Research	pp. 3591-3595, Vol.9, Issue 02, ISSN 2277-8616	February 2020
13	ECE	Dr. Dhiraj Sunehra, Professor & Head	Home Environment Monitoring And Lighting Control Using Cloud Mqtt Dashboard	International Journal of Scientific & Technology Research	pp.3539-3545, Vol.9, Issue 02, ISSN2277-8616	February 2020
14	ECE	Mrs. D.NagaSudha, Assistant Professor	Multi document Abstractive Text Summarization through Semantic Similarity matrix for Telugu Language	International Journal of Advanced Science and Technology	pp.513-521, Vol. 21, Issue 9,	January 2020
15	CSE	Dr. S. Viswanadha Raju , Professor	A novel method for trust evaluation in a mobile ad hoc network	International Journal of Computer Science and Information Security (IJCSIS)	Volume - 18 Issue- 2	Feb-2020
16	CSE	Dr. S. Viswanadha Raju ,	Local Directional Maximum Edge Patterns for facial	Journal of Ambient Intelligence and	Volume - 11 Issue- 6	April-15 th -2020

		Professor	expression recognition	Humanized Computing		
17	CSE	Dr. P. Sammulal, Professor	Anomaly Detection Using Anomalous Behavior at Program Environment Through Relative Difference Between Return Addresses	Lecture Notes on Data Engineering and Communications Technologies, Springer	Vol-49, Issue-	Mar-2020
18	Chemistry	Dr. K. Vidya, Asst Prof	Synthesis and evaluation of antibacterial and anti cancer activities of some new benzoxazole piperzine 1, 2, 3 triazoles.	Indian Journal of heterocyclic chemistry	30, 1-6	Jan 2020
19	Physics	Dr. Suresh Sripada, Asst Prof	Structural and optical properties of TeO ₂ -SeO ₂ -Na ₂ O glass system	Indian Journal of Pure & Applied Physics	Vol. 58, pp. 50-62	January 2020

Other Achievements

S. No	Name of the Faculty & Designation	Dept./Centre	Details of the Achievement
01	Smt. P. Sangeetha Asst Prof	EEE, JNTUH CEJ	Working as Officer In charge for Examinations (OIE), JNTUH College of Engineering, Jagtial from April 2017 onwards
			Department Coordinator, Dept. of EEE, JNTUHCEJ Sanketic 2020
02	Sri. C.Radhacharan Asst Prof	EEE, JNTUH CEJ	Working as Secretary cum Treasurer of ISTE Delhi
			Section Management Committee, ISTE Telangana Section since 1 st January 2020 to 31 st December 2024.
			Deputy Warden in Godavari Boys Hostel, JNTUH College of Engineering, Jagtial
			Department Coordinator, Dept. of EEE, JNTUHCEJ Sanketic 2020
03	Dr Suresh Arjula & Asst. Professor	ME, JNTUH CEJ	Serving as Placement Officer in JNTUH CEJ from Oct 2019 till date
04	Dr Vasanth Kumar & Asst. Professor	ME, JNTUH CEJ	Serving as Transport In charge from 2017 till date.

New Appointment(s)/Promotion(s)

S. No.	Name of the Department/Centre	Name of the Faculty & Designation	Appointed/ Promoted
1	Dept. Of Computer Science	Dr. B. Sateesh Kumar, Professor of CSE	BOS in Computer Science(UG & PG Courses), Kakatiya University, Warangal.

Students' Achievements

Prizes/Awards/Medals for outstanding performance in Academic/Sports/Cultural Activities at National/International level

S. No.	Name of the student	Student Roll.	Year of Study	National/ Intl.	Name of the	Category (Academic/	Name of the	Venue	Details of the Event
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		No.			Prize/Award/ Medal Received	Sports/ Cultural)	Organization		
1	Vinod Adunuri	19JJ5A 0403	B.Tech II Year (ECE)	National	Participation	Academic	SBI		SBI Numero Yono Quiz 2020,
2	A. Satyadeep	18JJ1A 0403	B.Tech II Year (ECE)	National	Participation	Academic	JNTU H CEH	JNTUH CEH	Two-Day Workshop on 5G Technologies, 25-26 Feb. 2020
3	V. Sairam	18JJ1A 0450	B.Tech II Year (ECE)	National	Participation	Academic	JNTU H CEH	JNTUH CEH	Two-Day Workshop on 5G Technologies, 25-26 Feb. 2020

Students Qualifying in State/ National/ International Level Examinations: GATE/ GMAT/ CAT/ GRE/ TOEFL/IELTS

S. No.	Name of the Dept./Centre	Name of the Student	Exam Qualified	Rank Secured	Registration number	
B.Tech IV/IV EEE						
1	EEE	Athmakuri Prashanth	GATE	14728		
2		Boya Devendra	GATE	14000		
3		Gangula Priyanka	GATE	6105		
4		Kallepu Varun	GATE	9676		
5		Kodurupaka Venu Gopal	GATE	14778		
6		Pasula Praveen	GATE	4250		
7		Shiva Sri Charan Chedupaka	GATE	28069		
8		Vasala Naveenkumar	GATE	6650		
M.Tech I/II Sem (EPS) (2019-21)						
9			Rushmitha Dasari	GATE	10213	
10			Akhil Kumar Gunda	GATE	8886	
11			Sandeep Ramineni	GATE	10496	
12		Podapangi Naveen	GATE	24876		
13	ME/ Innovision Technologies, Secunderabad	U Hema Nikhitha	IELTS	7.0	331630	
14	ME/ANCONS International	Bairi Lahari Reddy	GRE	298	6717356	
15	ME/IDP Education India Pvt Ltd Hyderabad	Bairi Lahari Reddy	IELTS	6.5	003947	
16	ME	Murali Krishna	GATE	14415	D368G44	
17	ME	Srikar Vallakatla	GATE	21689	ME20517412078	
18	JNTUH CEJ / ECE	Shaik Mehaboob Subhani	GATE 2020	276	EC20S47221033	
19	JNTUH CEJ / ECE	Arun Kumar Ande	GATE 2020	315	EC20S41411670	
20	JNTUH CEJ / ECE	Sanga Sowmya	GATE 2020	1119	EC20S47412140	
21	JNTUH CEJ / ECE	Shruthi Suddala	GATE 2020	3208	EC20S47413057	
22	JNTUH CEJ / ECE	Emmadishetty Aravind	GATE 2020	3607	EC20S47413029	
23	JNTUH CEJ / ECE	Gandla Nitish	GATE 2020	4859	EC20S47413095	
24	JNTUH CEJ / ECE	Venkatesh Budige	GATE 2020	6970	EC20S47401022	
25	JNTUH CEJ / ECE	Manisha Bathula	GATE 2020	7738	EC20S47402222	
26	JNTUH CEJ /	Srinidhi Manda	GATE 2020	9222	EC20S47402024	

	ECE				
27	JNTUH CEJ / ECE	Jhansi Bojja	GATE 2020	12236	EC20S47416140
28	JNTUH CEJ / ECE	Vamshi Vardhan Goud Ratnapolu	GATE 2020	12871	EC20S47400196
29	JNTUH CEJ / ECE	Jyothi Sariam	GATE 2020	24138	EC20S47400219
30	CSE	Bavi Swetha	GATE	6246	CS20S67400101
31	CSE	S Sri Sai	GATE	15320	CS20S67404028
32	CSE	Thrinath Thota	GATE	16273	CS20S67401056
33	CSE	Gummula Jyothsna	GATE	14377	CS20S67402067
34	CSE	Kattkuri Amulya	GATE	12686	CS20S67402049
35	CSE	Ayilneni Srikar Rao	GATE	11251	CS20S67402120
36	Information Technology	Bhavya Munagala	GATE	1388	CS20S67404046
37	Information Technology	Chanakya Panuganti	GATE	10915	CS20S67401074

Student Activities like Technical Symposiums, Competitions, Industrial Visits, and Cultural activities etc. Organized/Participated

S. No.	Name of the Dept./Centre	Name of the Event	Date of the Event	No. of Students Participated
01	EEE, JNTUH CEJ	Workshop EGNIS'2K19 A National Level Student Technical Symposium EGNIS' 2K19	11-03-2020 to 12-03-2020 JNTUHCEJ	120
02	ME, JNTUH CEJ	Workshop ABHIYAAN 2k20 A National Level Student Technical Symposium	11-03-2020 to 12-03-2020 JNTUH CEJ	120
03	JNTUH CEJ / ECE	A National Level Technical Symposium EMBLAZON-2020 Dr. B. Prabhakar Convener Mrs. M. Tirupathamma Co-Convener	11-12 March 2020	200
04	JNTUH CEJ	Internal Hackathon for Smart India Hackathon 2020	5 th February 2020	50
05	CSE	CreScence-2020(Technical Symposium)	11 th & 12 th March 2020	200
06	CSE	Algorithm(Cultural Event)	11 th & 12 th March 2020	150
07	CSE	Akruti (Poster Presentation)	11 th & 12 th March 2020	20
08	CSE	Block Chain Demonstration	11 th & 12 th March 2020	100
09	CSE	Project Expo	11 th & 12 th March 2020	150
10	CSE	CODIGO (a coding contest on C programming), CRESCENCE 2020	11 th & 12 th March 2020	27
11	CSE	Vision (PPT Presentation)	11 th & 12 th March 2020	30
12	Information Technology	CEZAR 2020	12 th and 13 th March	150

Sports Activities /Competitions Organised/Participated at the Institution Level

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Level
1	B.Swathi	IV/EEE	Ball Badminton		National Level
2	B. Devendra	IV/EEE	Football		State Level
3	Rohith Kasturi	II/ME	Soft Ball	YOGI VEMANA UNIVERSITY	National
4	Jatavath Santhosh	II/ME	Soft Ball	YOGI VEMANA UNIVERSITY	National
5	RAKESH	2 nd Year &Information Technology	Kho Kho	JNTUH Kukatally	Central zone

No. of UG/PG Students Placed from JNTUH CEJ

S. No	Branch/ Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/ Organization
		B.Tech IV/IV EEE		
1	EEE	*TCS*	G.Sai Bhargav	
2			T. Koushik	
3			G. PRIYANKA	
4			B. Sanketh Yadav	
5		*ZENQ*	SD.Afroze	
6			M.Lavanya	
7		*COGNIZANT*	M. Lekhana	
8			CH. Nithisha	
9			SK. Abdul Mujeeb	
10			P. Ramyasri	
11		*WIPRO*	P. Ramya Sree	
12			G. Neeraja	
13	ME	*TCS*	G Rakesh Reddy	
14			P Santhvana	
15		*ZEN Q*	Md. Muzeem	
16			S Siddharth	
17			U Hemanikhitha	
18		*CTS*	D Kalyani	
19			T Sanjana	
20			V Sushma Reddy	
21		*JK Papers*	G Rakesh Reddy	
22			B Sai Teja	
	ECE	29	8	7 LAKHS, TCS
	CSE (UG)	36	09	5.52 LPA, Verizon Technologies
	IT	10	3	4 Lakhs

3 JNTUH College of Engineering, Manthani

Students' Achievements:

Prizes/Awards/Medals for outstanding performance in Academic/ Sports/ Cultural Activities at National/International level:

S. No.	Name of the student	Student Roll. No.	Year of Study	National/ Intl.	Name of the Prize/award/ medal Received	Category (Academic/ Sports/ Cultural)	Name of the Organization	Venue	Details of the Event
1	A. DEEP THI	15VD1 A0113	2015 -2019	National	Gold Medal	Academic	JNTU HCEM	JNTUH CEM	Annual Day
2	T. SUSH MA	15VD1 A0252	2015 -2019	National	Gold Medal	Academic	JNTU HCEM	JNTUH CEM	Annual Day
3	M. RAMY A	15VD1 A0327	2015 -2019	National	Gold Medal	Academic	JNTU HCEM	JNTUH CEM	Annual Day
4	A. NAVY A	15VD1 A0527	2015 -2019	National	Gold Medal	Academic	JNTU HCEM	JNTUH CEM	Annual Day
5	A. PRAS ANNA KUM AR	16VD5 A2501	2015 -2019	National	Gold Medal	Academic	JNTU HCEM	JNTUH CEM	Annual Day

Students' Activities

Student Activities like Technical Symposiums, Competitions, Industrial Visits, cultural activities etc. Organized/participated:

S. No.	Name of the Dept./Centre	Name of the Event	Date of the Event	No. of Students Participated
1	Civil	Sthairya-2k20	13 th & 14 th March, 2020	200
2	EEE	Vidyuth Vikas	13 th & 14 th March, 2020	270
3	Mech	Yantrotsav	13 th & 14 th March, 2020	250
4	CSE	Trigger	13 th & 14 th March, 2020	230
5	Mining	Mineria	13 th & 14 th March, 2020	142

Sports Activities /Competitions Organized/Participated at the Institution Level

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Level
1	D. Roshini	IV-EEE	Throw Ball	Chhattisgarh in inter-university	National

				tournament	
2	P. Manisai	IV-Civil	Cricket	Eanadu Cricket Tournament	District
3	Sriram	II-Mining	Men's Ball Badminton	All India inter university	National
4	Jeethya Nayak	IV-Mech	Men's Ball Badminton	All India inter university	National
5	Veena Madhuri	IV-Mining	Women's Ball Badminton	All India inter university	National
6	D.Sai Sudha	IV-Mining	Women's Ball Badminton	All India inter university	National
7	N.Vaidehi	IV-Mining	Women's Ball Badminton	All India inter university	National
8	K.Kalyan	I-Mining	Kho-Kho	South zone inter university	National

No. Of UG/PG Students Placed:

S. No	Branch/ Specialization	No. of Students Placed	Name of the Organization	Highest Salary Offered
1	MECH	1	COGNIZANT	4.0 LPA
2	CSE	5	COGNIZANT	4.8 LPA
3	CSE	4	WIPRO	3.6 LPA
4	CSE	1	CENIT HUB	3.0 LPA
5	CSE	1	TA DIGITAL	4.8 to 5.8LPA
6	CSE	1	SRIX (SR INNOVATION EXCHANGE)	3.2 LPA
7	EEE	1	RRB ALP	3.0 LPA
8	CIVIL	1	RRB(Design & Drawing Engineer)	4.24 LPA
9	CIVIL	1	MISSION BHAGIRATHA (AEE)	3.2LPA
10	CIVIL	1	RRB(JE)	3.0LPA
11	CIVIL	1	KMPCL	2.2LPA

NSS/NCC Activities

S. No.	Name of the Activity	Date of Activity	Organising Unit/ Agency/ Collaborating Agency	Number and Name(s) of Faculty In charge	Number of Students Participated
1	Swachh Bharat	27-01-2020 To 28-01-2020	JNTUHCEM	Sri. R. Durga Rao, Asst Prof	93
2	Swachh Bharat	14-02-2020	JNTUHCEM		510
3	Candle Rally	14-02-2020	JNTUHCEM		800

Alumni Activities:

- (i) Alumni Meetings and Activities Organized by the Alumni Association were on 14.03.2020

4 JNTUH College of Engineering, Sultanpur

Infrastructure Development Activities

New Infrastructure Setup in the College

S. No.	Name of the Centre	Details of the Infrastructure Setup (creation of new labs, new facilities etc.)	Total Cost for the Setup (Rs. in Lakhs)
1	JNTUHCES Department of ME	Instrumentation & control systems lab	8,64,864

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Centre	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	CIVIL	Design of high rise buildings using Staad-Pro (BIM)	2 days	27 th &28 th JANUARY 2020	Ultratech Cements..	66
2	CIVIL	Professional Knowledge Cementious Materials	1 day	13 th march2020	JNTUH	120
3	MECHANICAL	Parametric Feature Solid Modeling using CREO	2 days	26-02-2020 & 27-02-2020	JNTUH	120
4	MECHANICAL	AutoCAD Professional level for Mechanical Engineering Students		02-03-2020 to 06-02-2020	TELANGANA ACADEMY FOR SKILL AND KNOWLEDGE-TASK	66

Students Qualifying in State/ National/ International Level Examinations GATE/ GMAT/ CAT/ GRE/ TOEFL

S. No.	Name of the Centre	Name of the Student	Rank Secured
1	JNTUHCES	Durgmvinith	19757
2	JNTUHCES	G.Akhilvarma	33324
3	JNTUHCES	CH.Divya	17620
4	JNTUHCES	B.Hathiram	26940
5	JNTUHCES	Neerudibhuvaneshwari	18033

Journal/ Conference Papers Published by the Students

S. No.	Name of the Branch & Year	Name of the Student	Title of the Paper	Name of International / National Journal
1	MSNT IV-B.TECH	G. Srikanth	Synthesis and characterisation of IRON OXIDE Nano particles using egg - white	2 nd international conference on Nano Science&Engineering

Journal/ Conference Papers Presented by the Students

S. No.	Name of the Branch & Year	Name of the Student	Roll No.	Title of the Paper	Name of Intl. / National Conference/ Seminar
1	MSNT IV-B.TECH	Mr.Guntoju Srikanth		Multi Functional Materials	International conference on Multi functional materials
2	MSNT IV-B.TECH	Guntoju Srikanth		Synthesis and Characterisation of IRON OXIDE Nano Particles Using egg -white	2 nd International Conference on Nano Science&Engineering

Sports Activities /Competitions Organised/Participated at the Institution Level:

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College
01	Kothapelli Rajitha	B.Tech ECE	Android app development work shop, WAC work shop series at e-cell	IIT HYDERABAD
02	B.Sai Meghana	B.Tech ECE	12 th Indian open inter engineering collegiate sports fest 2020	VNRVJIET
03	N.Sucharitha	B.Tech ECE	12 th Indian open inter engineering collegiate sports fest 2020	VNRVJIET
04	N.Nehasree	B.Tech ECE	UEST2020 A national level technical symposium	JNTU HYDERABAD
5	K.Megana	B.Tech ME	Hand ball	Gitam university 2 nd prize
6	Sai Pranisha	B.Tech ME	Hand ball	Gitam university 2 nd prize
7	Vaishnavi	B.Tech ME	Hand ball	Gitam university 2 nd prize
8	Sai Kiran	B.Tech CSE	Campus ambassador program	BOLT IOT
9	Sai Kiran	B.Tech CSE	Campus ambassador program	National engineering olympiad

10	Sai Kiran	B.Tech CSE	Technical writer of spotle.ai	
11	Sai Kiran	B.Tech CSE	Data science certified by University of Michigan	University of Michigan
12	Sai Kiran	B.Tech CSE	Cybersecurity roles, processes & operating system security badge provided by IBM (April 2020)	
13	Sai Kiran	B.Tech CSE	Cyber security tools and Cyber security attacks badge provided by IBM (March 2020)	
14	Palakurthi Avinash	CSE 4 th Year	Selected for All India Inter University 'SOFTBALL' (Men) Tournament	Yogi Vemana University
15	Gandi Shiva Sai	MSNT 4 th Year	Selected for All India Inter University 'SOFTBALL' (Men) Tournament	Yogi Vemana University
16	D. Akhil Goud	CSE 4 th Year	Selected for All India Inter University 'BALL BADMINTON' (Men) Tournament	Mangaloor University
17	Palakurthi Avinash	CSE 4 th Year	Selected for All India Inter University 'BALL BADMINTON' (Men) Tournament	Mangaloor University
18	Dhondi Navya	Mechanical 1 st Year	Selected for All India Inter University 'NETBALL' (Women) Tournament	Annamalai University
19	Toorpu Mamatha	CSE 3 rd year	Participated at 12 th Indian Open Inter Collegiate 'ATHLETICS' Meet 2K-20 and achieved Bronze Medal in 100 Mts RUN Championship	VNR VJIET Nizampet Hyderabad
20	Toorpu Mamatha	CSE 3 rd year	Participated at 12 th Indian Open Inter Collegiate 'ATHLETICS' Meet 2K-20 and achieved Bronze Medal in 200 Mts RUN Championship	VNR VJIET Nizampet Hyderabad
21	Toorpu Mamatha	CSE 3 rd year	Participated at 12 th Indian Open Inter Collegiate 'ATHLETICS' Meet 2K20' and achieved Bronze Medal in DISCUSS THROW Championship	VNR VJIET Nizampet Hyderabad
22	N. Sucharitha Ch. Shivani Sai Meghana T. Mamatha	(ECE-IV) (ECE-IV) (ECE-IV) (CSE-III)	Participated at 12 th Indian Open Inter Collegiate 'ATHLETICS' Meet 2K20' and achieved Silver Medal in 4*400	VNR VJIET Nizampet Hyderabad

			<i>Mts Relay Race</i> Championship	
23	Toorpu Mamatha	CSE 3 rd Year	Selected for All India Inter University ' <i>SOFTBALL</i> ' (Women) Tournament	by Punjabi University, Patiala

Any other Achievements

S. No	Name of the Dept./Centre	Name of the Student	Class & Branch	Name of the Activity	Date	Brief Description of the Achievement
1.	JNTUHCES	P J THOMAS	III B.Tech CSE	NPTEL EXAM in The Joy of Computing Using Python	January 2020	TOP 1% of Certified candidates
2.		Sandeep Erukula				TOP 2% of Certified candidates
3.		Sree Charitha				TOP 5% of Certified candidates
4.		A Sahithi Reddy				
5.		Anusha telu				

No. of UG/PG Students Placed

S. No	Branch/ Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/Organization
1	ME	3	5	7 lakhs
2	CIVIL	2		
3	CSE	9		
4	ECE	9		

Other Achievements related to the College

S. No	Name of the College	Name of the Activity	Date
1.	JNTUHCES	Sri Sri Sant Sevalal Jayanthi Celebrations	15-02-2020
2.		International Women's day Celebrations	13-03-2020



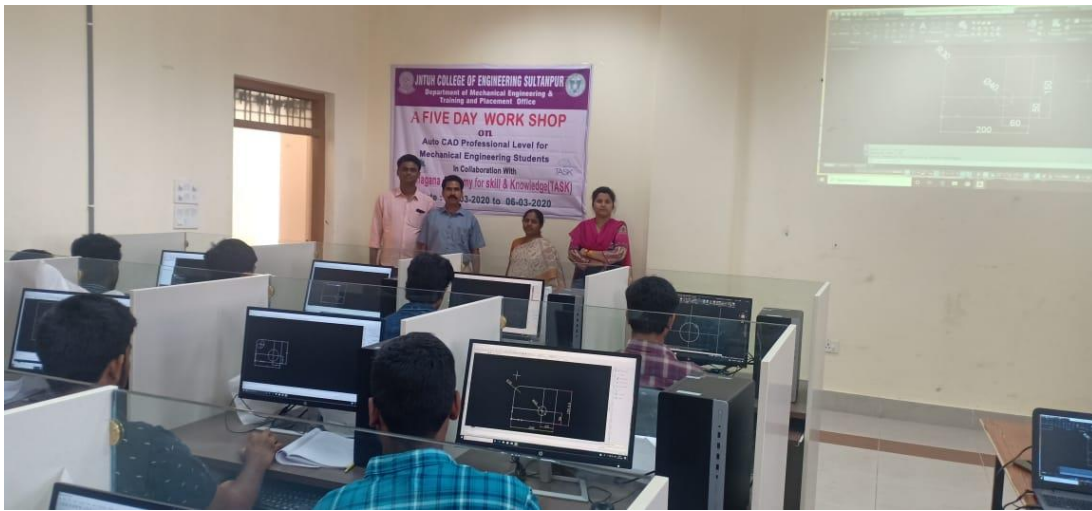
Sri Sri Sant Sevalal Jayathi Celebrations held on 15th February 2020



International Women's Day Celebrations held on 13th March 2020



JNTUH CES -A Two-Day Workshop held from 27.01.2020 to 28.01.2020



JNTUH CES - A Five Day Workshop held from 02.03.2020 to 06.03.2020

JNTUH COLLEGE OF ENGINEERING SULTANPUR

Spoc Details

Course Wise

Toppers Details

Toppers



P J THOMAS 94%

TOP 1 % OF CERTIFIED CANDIDATES
COURSE NAME: THE JOY OF COMPUTING USING PYTHON



SANDEEP ERUKULLA 92%

TOP 2 % OF CERTIFIED CANDIDATES
COURSE NAME: THE JOY OF COMPUTING USING PYTHON



MEKA SREE CHARITHA 91%

TOP 5 % OF CERTIFIED CANDIDATES
COURSE NAME: THE JOY OF COMPUTING USING PYTHON



AENDAPALLY SAHITHI REDDY 90%

TOP 5 % OF CERTIFIED CANDIDATES
COURSE NAME: THE JOY OF COMPUTING USING PYTHON







ANUSHA TELU 90%

TOP 5 % OF CERTIFIED CANDIDATES
COURSE NAME: THE JOY OF COMPUTING USING PYTHON

5. Institute of Science and Technology

New Equipment/Software Installed in the Dept./Centre

S. No.	Name of the Centre	Place in which Equipment/Software was Installed	Details of the Equipment/Software	Cost of the Equipment/Software (Rs.)
1	Centre for Environment, IST	Modelling Lab	ANSYS software, SCILAB, Python, R programming. BEopt - building energy optimization, SAM - system advisory model , PWSIM - Green building, LCA - life cycle analysis.	Nil - Academic version.
2	Centre for Environment, IST	Environmental Microbiology lab.	Gas chromatograph	10 Lakhs
3	Centre for Nanoscience and Technology	Class room 303	DTH Set up box for utilizing Swayam Prabha Channels	13356/- 

4	Centre for Nanoscience and Technology	Ground floor G 03	Fabrication of Full moulded plastic Aesthical Design and Metal Skelton 3D Printer	1,30,000/- 
5	Centre for Nanoscience and Technology	Ground floor G 03	Fabrication of disintegration test kit for 3D Printer	36,750/- 
6	Centre for Nanoscience and Technology	Nano Electronics Lab	AMC for cyclic voltammeter	98,000/- 
7	Centre for Pharmaceutical Sciences	Faculty chambers	Computers 06 Nos.	1,92,000/-

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	Centre for Biotechnology	Dr. L. Saida & Assistant Professor	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
2	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	National	Two-days Online hands-on Workshop Technology Enabled Learning MOODLE Platform	2 Days	8 th May 2020 to 9 th May 2020	-	20
3	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	National	Three-days Online hands-on Workshop 2nd-Technology Enabled Learning MOODLE Platform	3 Days	25 th May 2020 to 27 th May 2020	IST JNTUH	20

4	Centre for Nanoscience and Technology	Dr.CH. Shilpa Chakra, Assistant Professor, CNST,IST, JNTUH	National	Three Day Workshop On Women Empowerment & Entrepreneurship: Challenges and Opportunities in Science and Technology	3Days	05 th March 2020 To 07 th March 2020	TEQIP-III	150
5	Centre for Pharmaceutical Sciences	Dr S.Shobha Rani, Head and Associate Professor	National	A two dayworkshop "Know your student"	9 th to 10 th Jan(2 days)	09.01.2020 University Health centre, JNTUH	NSS	150
6.	Centre for Pharmaceutical Sciences	Dr S.Shobha Rani Head and Associate Professor	National	One day Workshop-“ Save mother nature by saying no to plastic	20 th Feb (one day)	20 th Feb 2020,UGC-HRDC, JNTUH	TEQIP-III	500
7.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy, Associate Professor	National	Work shop- Women empowerment entrepreneurship: Challenges and opportunities in Science and Technology	3 days	5 th to 7 th March 2020,	TEQIP-III	300
8.	Centre for Pharmaceutical Sciences	Dr.M.Sunitha Reddy, Associate Professor	National	Short term course- Modern Principles in Nanotechnology-Present and Future Prospectus	One week	10 th -15 th Feb 2020,UGC-HRDC	UGC	45

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/ FDPs Attended by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding	No. of Participants
1	Centre for Biotechnology	Dr. A. Uma & Associate	International	BioAsia2020 The Global Bio	3 Days	17 th – 19 th Feb, 2020 & Hyderabad	TEQIP-III	10000

		e Professor		Business Forum Conference		International Convention Center		
2	Centre for Biotechnology	Dr. Archana Giri & Professor	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
3	Centre for Biotechnology	Dr. L. Saida & Assistant Professor	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
4	Centre for Biotechnology	Dr. CH. Kalyani & Assistant Professor (C)	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
5	Centre for Biotechnology	Dr. K. Venkateswar Reddy & Assistant Professor (C)	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
6	Centre for Biotechnology	Dr. B. Suresh Babu & Assistant Professor (C)	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
7	Centre for Biotechnology	Dr. P. Ranjit & Assistant Professor (C)	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
8	Centre for Biotechnology	Dr. M. Anjaneyulu & Assistant Professor (C)	International	BioAsia2020 The Global Bio Business Forum Conference	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International Convention Center	TEQIP-III	10000
9	Centre for Biotechnology	Dr. B. Venkanna & Assistant	International	BioAsia2020 The Global Bio Business	3 Days	17 th – 19 th Feb, 2020 & Hyderabad International	TEQIP-III	10000

		Professor (C)		Forum Conference		Convention Center		
10	Centre for Biotechnology	Dr. A. Uma & Associate Professor	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
11	Centre for Biotechnology	Dr. Archana Giri & Professor	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
12	Centre for Biotechnology	Dr. L. Saida & Assistant Professor	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
13	Centre for Biotechnology	Dr. CH. Kalyani & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
14	Centre for Biotechnology	Dr. K. Venkateswar Reddy & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
15	Centre for Biotechnology	Dr. B. Suresh Babu & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
16	Centre for Biotechnology	Dr. P. Ranjit & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200

				ring Trends				
17	Centre for Biotechnology	Dr. M. Anjaneyulu & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
18	Centre for Biotechnology	Dr. B. Venkanna & Assistant Professor (C)	National	National Conference on Biotechnology & Bioengineering Trends	3 Days	27 th – 29 th Feb, 2020 & UGC Auditorium, JNTUH	TEQIP-III	200
19	Centre for Biotechnology	Dr. L. Saida & Assistant Professor	National	Train the Trainers on examination reforms	3 Days	17 th – 20 th Feb, 2020 & KLE Technological University, Hubballi	TEQIP-III	100
20	Centre for Environment, IST	Dr. R. Ravi Varma, Associate Professor (C)	National	NPTEL-Environmental Quality and Monitoring Analysis	12 weeks - 94 days	Jan 2020 - March 2020	self	50
21	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	National	Train the trainers on examination reforms	3 days	17-02-2020 to 19-02-2020	TEQIP-III	100
22	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	National	Model principles in NanoTechnology-Present and future prospects	5 days	10-02-2020 to 15-02-2020	TEQIP-III	100
23	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	International	International conference on Advances in physics, Electronics and Chemicals sciences	2 Days	27-02-2020 To 28-02-2020	TEQIP-III	100

24	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head, CN ST, IST, JNTUH	National	Effective writing of Research proposals, Journal Articles and Funding opportunities	2 Days	28-02-2020 to 29-02-2020	TEQIP-III	100
25	Centre for Pharmaceutical sciences	M.Sunitha Reddy, Associate Professor	National	Workshop on Promotion of apprention in Lifesciences cluster	1 day	Jan 8 th 2020	ALEAP	50
26	Centre for Pharmaceutical sciences	M.Sunitha Reddy, Associate Professor	National	Conference on – Innovation in drug development and clinical Pharmacy	2 days	Jan 17 th to 18 th 2020, Srivishnu college of Pharmacy	AICTE	100
27	Centre for Pharmaceutical sciences	M.Sunitha Reddy, Associate Professor	National	Train the Trainers on Examination Reforms	3 days	17 th -18 th Feb 2020 KLE Technonologic al university, H ubbli, Karnataka	Tequip III	100
28	Centre for Pharmaceutical sciences	Dr.M.Ajitha, Professor	National	Workshop- Women empowerment	3 days	5 th to 7 th March 2020,	TEQIP-III	300
29	Centre for Pharmaceutical sciences	Dr G.Krishna Mohan, Professor	National	A two day workshop “Know your student”	9 th to 10 th Jan (2 days)	09.01.2020 University Health centre, JNTUH	NSS	150
30	Center for Spatial Information Technology	B.Harish Asst. Prof.(C)	National	Geographic Information Systems	90	27-01-2020 TO 27-04-2020 & NPTEL	TEQIP-III	100
31	Center for Spatial Information Technology	B.Harish Asst.Prof.(C)	National	Getting Started with GIS_	01	27-02-2020 & ESRI	FREE	50
32	Centre for Water Resources	Dr.B.Venkateswara Rao, Professor	National	Groundwater Resources management for sustainabl	03	18-20 Feb, 2020 Kozhikode	TEQIP-III	175

				development: Special Emphasis on Coastal and Urban Environment organized by CWRDM				
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Invited Talks/Expert Lectures Organized/Delivered

S. No	Name of the Faculty & Designation	Name of the Centre	Title of the Topic	Invitee	Date & Venue
1	Dr.V. Himabindu Prof. & Head	Centre for Environment, IST	TSDF operations and Landfill design. - Guest lecture. - Ramky-	Mr. Mahesh Ramky, Hyderabad	Jan 2020, IST
2	Dr.V. Himabindu Prof. & Head	Centre for Environment, IST	Radioactive Waste Management – Dr. Sheela, Nuclear Fuel Complex, Hyderabad	Dr. Sheela, Nuclear Fuel Complex, Hyderabad	Jan 2020, IST
3	Dr.V. Himabindu Prof. & Head	Centre for Environment, IST	HES and energy conservation	Mr.V. Nageswarrao	Jan 2020, IST
4	Dr. K Venkateswara Rao Professor and Head, CNST,IST, JNTUH	Centre for Nanoscience and Technology	Two-day International Conference on ‘Advances in Physics, Electronics and Chemical Sciences 2020’ on 27 th & 28 th February, 2020.	Dr.KA Emmanuel	27 th & 28 th February, 2020. Sir C R Reddy (A) College, Eluru
5	Dr. K Venkateswara Rao Professor and Head, CNST,IST, JNTUH	Centre for Nanoscience and Technology	Effective writing of Research proposals, Journal Articles and Funding opportunities	Dr. N. Darga Kumar Head Dept. of Civil Engineering, JNTUHCE Manthani	29 th February JNTU college of engineering Manthani Peddapalli

				Prof. K. Shahu Chatrapathi Head Dept. of Computer Science & Engineering, JNTUHCE Manthani	
6	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	Centre for Nanoscience and Technology	Model principles in NanoTechnology - Present and future prospects	Dr.G.KViswanadh Director, UGC, HRDC	10-02-2020 to 15-02-2020 UGC,HRD JNTUH
7	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	Centre for Nanoscience and Technology	Applications of NanoTechnology	Principal, Andhya Loyal a College Vijaya wada	17-02-2020 to 20-02- 2020 AndhyaLoyal College Vijaya wada
8	Dr. K Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Centre for Nanoscience and Technology	Graphene nanomaterials based applications	Dr. S. Gautham, University of Manchester,	10.01.2020 CNST,IST,JNTUH
9	Dr. K Venkateswara Rao Professor and Head, CNST, IST, JNTUH	Centre for Nanoscience and Technology	Applications of Nanomaterials	Dr. Ravindranath, South korea	07-01-2020 CNST,IST,JNTUH
10	Dr. CH. Shilpa Chakra	Centre for Nanoscience and Technology	Superconducting Nanomaterials and its applications	Dr. Murli Narla, LUCID Labs	25-01-2020 CNST,IST,JNTUH
11	Dr S.ShobhaRani Head and Associate Professor	Centre for Pharmaceutical sciences	Role of artificial intelligence in drug delivery	KVK college of Pharmacy	16 th March 2020,KVK college of pharmacy
12	Dr. M.Sunitha Reddy	Centre for Pharmaceutical sciences	Career opportunities for Pharmacy students in India and Abroad	IPA	28 th Feb 2020,Vignan institute of Pharmaceutical technology,Vishakapatna m
13	Sri.J.Venkatesh&Assoc.Prof.	CSIT, IST	Intermediate GIS Concepts	CSIT, IST	29-01-2020 & CSIT, IST, JNTUH
14	Sri Ballu Harish &Asst.Prof. (C)	CSIT, IST	Intermediate GIS Concepts	CSIT, IST	27-01-2020 & CSIT, IST, JNTUH
15	Sri Ballu Harish &Asst.Prof. (C)	CSIT, IST	Intermediate GIS Concepts	CSIT, IST	30-01-2020 & CSIT, IST, JNTUH
16	Sri Ballu Harish &Asst.Prof. (C)	CSIT, IST	Intermediate GIS Concepts	CSIT, IST	03-02-2020 & CSIT, IST, JNTUH
17	Dr.B.Venkateswara Rao, Professor	Centre for Water Resources	Subsurface Ground water Discharge an - Overview	CWRDM, Kozikhode	18-20 Feb,2020 Kozhikode
18	Dr.M.V.S.S.Giridhar, Professor	Centre for Water Resources	Need for Rainwater harvesting in view of climate change in urban scenario	Guest Lecture at GokarajuRangaraju Institute of engineering and Technology	7 th January 2020
19	Dr.M.V.S.S.Giridhar, Professor	Centre for Water	An approach towards SDG- 6	Visvesvaraya Bhavan,	26 th January, 2020

		Resources	through Rainwater Harvesting Systems	Khairatabad, organized by Institute of Engineers	
20	Dr.M.V.S.S.Giridhar, Professor	Centre for Water Resources	Climate change and need of Rain Water Harvesting	ESCI campus, Hyderabad	28 – 30 January, 2020
21	Dr.M.V.S.S.Giridhar, Professor	Centre for Water Resources	Case Study: Water audit on water supply for the cities/urban areas	EPTRI - ENVIS Hub and Climate Change Division	3 rd to 29 th February, 2020

Faculty Achievements:Awards

S. No.	Centre	Name of the Faculty & Designation	Name of the Award/ Fellowship/ received	Date & Year	National/ Intl.	Awarding Agency
1	Centre for Environment, IST	Dr. R. Ravi Varma, Associate Professor(C)	Dr. Rajendra Prasad Memorial Prize “Investigation into the Propensity of Coal for Spontaneous Heating in Stockpiles” Presented by The Institute of Engineers (India)	Jan 2020	National	The Institute of Engineers (India)
2	Centre for Water Resources	Dr.M.V.S.S. Giridhar, Professor	Water management forum award	27, December , 2019	National	Water Management Forum, IEI, Ahmadabad, GOI

Journal/ Conference Papers Reviewed by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal/ Conference
1	Centre for Nanoscience and Technology	Dr.CH Shilpa Chakra, Asst. Prof, CNST, IST, JNTUH	The effect of Mg Doping on Morphology. Photocatalytic activity related biological effects of	Journal of Molecular structure- Elsevier journal

			ZnO nanoparticles	
2	Centre for Nanoscience and Technology	Dr.CH Shilpa Chakra, Asst. Prof, CNST, IST, JNTUH	Preparation of Gum acaia-Poly (acrylamide –ipn-acrylic acid based nanocomposite Hydrogels via polyimerization methods for antimicrobial applications	Journal of Molecular structure- Elsevier journal
3	Centre for Nanoscience and Technology	Dr.CH Shilpa Chakra, Asst. Prof, CNST, IST, JNTUH	Synthesis and characterization of a novel biomagnetic composite from Industrial tomato solid pulp and its use in anionic and cataionic dye adsorption	Journal of Molecular structure- Elsevier journal
4	Centre for Water Resources	Dr. Venkateswara Rao.B, Professor	Ground water flow modelling- a tool for water resources management in the micro watershed with Khondalitic and sandstone formation	Groundwater for sustainable development-an Elsevier journal

Journal/ Conference Papers Published by the Faculty

S.No.	Name of the Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1	Centre for Biotechnology	Dr. A. UMA	Discovery of Novel Pyrido-Pyrrolidine Hybrid Compounds as Alpha-Glucosidase Inhibitors and Alternative Agent for Control of Type 1 Diabetes	European Journal of Medicinal Chemistry	188: 112034	7 th Jan, 2020
2	Centre for Biotechnology	Dr. A. UMA	Variable structural bonding modes and antibacterial studies of thiosemicarbazone ligands of ruthenium, rhodium, and iridium metal complexes	Journal of Coordination Chemistry	DOI: 10.1080/00958972.2019.1711070	14 th Jan, 2020
3	Centre for Biotechnology	Dr. A. UMA	Half-sandwich arene ruthenium, rhodium and iridium thiosemicarbazone complexes: synthesis, characterization and biological evaluation	Journal of Chemical Science	132: 34.	6 th Feb, 2020
4	Centre for Biotechnology	Dr. A. UMA	Composting of Sweet Sorghum Bagasse and its	Sugar Tech	22(1):143–156	Feb, 2020

	gy		Impact on Plant Growth Promotion			
5	Centre for Biotechnology	Dr. A. UMA	Development of transgenic cotton (Narasimha) using triple gene Cry2Ab-Cry1F-Cry1Ac construct conferring resistance to lepidopteran pest	J Bioscience	45:31	Mar, 2020
6	Centre for Biotechnology	Dr. Archana Giri	Enhanced Production of Therapeutically Valuable Withaferin A From In Vitro Propagated WithaniaSomnifera (L.) Dunal	International Journal of Scientific Research in Biological Sciences	7, 1-6	Feb, 2020
7	Centre for Biotechnology	Dr. VenkannaBanoth	Fluorenone Schiff base derivative complexes of ruthenium, rhodium and iridium exhibiting efficient antibacterial activity and DNA-binding affinity	Journal of Organometallic Chemistry	121246	25 th Mar, 2020
8	Centre for Biotechnology	Dr VenkannaBanoth	<u>Enhanced photocatalytic and antibacterial activity of ZnO/Ag nanostructure synthesized by Tamarindusindica pulp extract</u>	Journal of Materials Science: Materials in Electronics	0957-4522	Feb, 2020
9	Centre for Biotechnology	Dr. VenkannaBanoth	Ruthenium, rhodium and iridium complexes containing pyrimidine based thienyl pyrazoles: Synthesis and antibacterial studies.	Journal of Organometallic Chemistry	121155	Feb, 2020
10	Centre for Biotechnology	Dr. Anjaneyulu Musini	Effect of Salacia oblonga root extracts against clinical isolates staphylococcus aureus	Asian journal of pharmaceutical and clinical research	13, 1	Jan, 2020
11	Centre for Chemical Sciences and Technology	Dr. A. Jayashree Professor &Head,CCST, IST,JNTUH.	Design, synthesis and evaluation of 4H-Chromene-4-one analogues as potential Anti-bacterial and Anti-fungal agents	Chemical Biology Letters	Vol no:7 Issue No:1	2020
12	Centre for Chemical Sciences and Technology	Dr. A. Jayashree Professor & Head,CCST, IST, JNTUH.	Journal of Pharmaceutical and Biomedical Analysis, A study on structural characterization of degradation products of cangrel or using LC/QTOF/MS/MS and NMR	Journal of Pharmaceutical and Biomedical Analysis	Vol 170 Issue No:327-334	2020
13	Centre for Chemical Sciences and Technology	Dr. A. Jayashree Professor & Head,CCST, IST, JNTUH.	J.Heterocyclic Chem synthesis Docking and Bioavailability of 20-oxo-3- phenylspiro	Journal of Heterocyclic Chemistry	Vol No:56 Issue no:209-217	2020

			[cyclopropane-1,30-indoline]-2,--dicarbonitrileas antibacterial agents on silico			
14	Centre for Chemical Sciences and Technology	Dr. A. Jayashree Professor & Head,CCST, IST, JNTUH.	Chem Biol Lett Design synthesis and evaluation of 4H Chromene-4-one analogues as potential Anti-bacterial and Anti-fungal agents	Chemical Biology Letters	Vol No:7 Issue No: 240	2020
15	Centre for Chemical Sciences and Technology	Dr. A. Jayashree Professor &Head,CCST, IST, JNTUH.	Bioorg Chem Hunigs base catalyzed synthesis of new 1-(2,3-dihydro-1H-inden-1-yl)-3-aryl urea/thiourea derivatives as potent antioxidants and 2HCK enzyme growth inhibitors	Bioorganic Chemistry	Issue No:103558	2020
16	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	A high-performance low-temperature LPG detection by MgFe ₂ O ₄ /BiVO ₄ chemiresistive sensor	Journal of Materials Science: Materials in Electronics	Pages1-8	2/1/2020
17	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Utilization of rapid prototyping technology for the fabrication of an orthopedic shoe inserts for foot pain relieve using thermo-softening viscoelastic polymers: A novel experimental approach	Measurement and Control	Page002029	10/01/2020
18	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Green synthesis of Cu nanoparticles using Curcuma longa extract and their application in antimicrobial activity	Journal of Materials Science: Materials in Electronics	Vol259 Page 126813	15/01/2020
19	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	High sensitive polyanilineneanosheets (PANINS)@ rGO as non-enzymatic glucose sensor	Journal of Materials Science: Materials in Electronics	Vol 31 Issue 4 Pages 2926-2937	1/2/2020
20	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	NiO nanoparticles-decorated conductive polyanilineneanosheets for amperometric glucose biosensor	Materials Chemistry and Physics	Volume 242 Pages 122524	15/02/2020
21	Centre for Nanoscience and Technology	Dr. K. Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Impact of Green Synthesized Metal Oxide Nanoparticles on Seed Germination and Seedling Growth of Vignaradiata (Mung	Journal of Inorganic and Organometallic Polymers and Materials	Pages 1-10	24/04/2020

			Bean) and Cajanuscajan (Red Gram)			
22	Centre for Nanoscience and Technology	Dr.CH Shilpa Chakra, Assistant Professor, CNST,IST,JNTUH	Enhancing adsorption capacity of nano-adsorbents via surface modification: A review	South African Journal of Chemical Engineering	Volume 31 Pages 25-32	1/1/2020
23	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	Proniosomes - A Novel Drug Delivery Carrier: A Review	Journal of Global Trends in Pharmaceutical Sciences	Pg: 7176 – 7185, ISSN-2230-7346	2020
24	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	A Review on Classification, Characterization, Synthesis, Applications And Toxicity Of Nanoparticles	European Journal of Biomedical AND Pharmaceutical sciences	Pg: 113-119, Volume 7, Issue 2	2020
25	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	A Review on “Synthesis of Silver Nanoparticles by Biological Approach”	International Journal of Pharmaceutical Sciences Review and Research	Pages: 33-37 ISSN 0976 – 044X	Feb,2020
26	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	Bilayer Tablets: A Novel Technology: A Review	Journal of Global Trends in Pharmaceutical Sciences	Pg: 7279-7282, ISSN-2230-7346	2020
27	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	Self-Emulsifying Drug Delivery System (SEDDS): An Approach To Increase The Solubility Of Lipophilic Drugs	American Journal of Pharmacy and Health Research	Pg: 58-61, Volume 8, Issue 1 ISSN: 2321–3647	10 Jan, 2020
28	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	A Review OnProniosomes: Formulation, Characterization and Applications	American Journal of Pharmacy and Health Research	Volume 8, Issue 2 ISSN: 2321–3647	Feb, 2020
29	Centre for Pharmaceutical sciences	Dr.M.Sunitha Reddy Associate Professor	A Review On Self Emulsifying Drug Delivery System	European Journal of Biomedical AND Pharmaceutical sciences	ISSN: 2349-8870 Volume: 7 Issue: 3	2020
30	Centre for Water Resources	Dr.Venkateswara Rao, B, Professor	Subsurface Ground water Discharge an - Overview	Proceedings of the III Indian National Groundwater Conference (INGWC-2020)	pp.57-58	2020
31	Centre for Water Resources	Dr.Venkateswara Rao, B, Professor	Groundwater flow modeling and prognostics of Kandivalasa river sub-basin, Andhra Pradesh, India	Environment, Development and Sustainability, Springer Nature	https://doi.org/10.1007/s10668-020-00653-w .	27.02.2020

Journal/ Conference Papers Presented by the Members of the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Conference/ Seminar	Date and Year
1	Centre for Environment	Sasikala. Ch Professor , CEN,IST, JNTUH	<i>Gimesiachilikensis</i> sp. nov., a haloalkalitolerantplanctomycetes isolated from Chilika lagoon and emended description of the genus <i>Gimesia</i>	Inter National journal	Jan, 2020
2	Centre for Environment	Sasikala. Ch Professor , CEN,IST, JNTUH	<i>Paracoccusaeridae</i> sp. nov., an indole producing bacterium isolated from the rhizosphere of an orchid, <i>Aeridesmaculosa</i>	Inter National journal	Jan, 2020
3	Centre for Environment	Sasikala. Ch Professor , CEN,IST, JNTUH	Taxogenomics resolved the conflict of the genus <i>Rhodobacter</i> : A two and half decades pending thought to reclassify the genus <i>Rhodobacter</i>	Inter National journal	Jan, 2020
4	Centre for Environment	Sasikala. Ch Professor , CEN,IST, JNTUH	<u><i>Rhodobactersediminicola</i> sp. nov., isolated from a fresh water pond of Gujarat</u>	Inter National journal	Feb, 2020
5	Centre for Environment	Sasikala. Ch Professor , CEN,IST, JNTUH	<u><i>Rhodomicrobiumlacus</i> sp. nov., an alkalitolerent bacterium isolated from Umiam lake, Shillong, India</u>	Inter National journal	Feb, 2020
6	Centre for Environment	A.Vamshi Krishna reddy, Dr.M Anji Reddy	Evaluation of soil and land resources for selected crops at village level using Geospatial Technology and INSITU methods	National Conference on Biotechnology and Bioengineering Trends	Feb, 2020
7	Centre for Environment	Dr.T.Vijaya Lakshmi Assoc. Professor , CEN,IST, JNTUH	Analysing seasonal variation for soil properties and interpolating in GIS environment for a cluster of Five villages of Telangana state	National Conference on Biotechnology and Bioengineering Trends	Feb, 2020
8	Centre for Environment	Dr.M.Anji Reddy Professor , CEN,IST, JNTUH	Evaluation of soil and land resources for selected crops at village level using Geospatial Technology and INSITU methods	National Conference on Biotechnology and Bioengineering Trends	Feb, 2020
9	Centre for Nanoscience and Technology	Dr. K Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Synthesis and characterization of Nanomaterials	Two-day International Conference on 'Advances in Physics, Electronics and Chemical Sciences 2020' on	27 th & 28 th February, 2020.

10	Centre for Water Resources	Dr.Venkateswara Rao, B, Professor	Subsurface Ground water Discharge an - Overview	Indian National Groundwater Conference (INGWC-2020)	18-20 Feb,20 20
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Any Other Achievements:

S. No	Name of the Faculty & Designation	Dept./Centre	Details of the Achievement
1	Dr. K Venkateswara Rao Professor and Head,CNST,IST, JNTUH	Centre for Nanoscience and Technology	<ul style="list-style-type: none"> ➤ Dr. K Venkateswara Rao Professor &Head, CNST, IST, JNTUH made research to eradicate Covid19 Virus with the help of Nano materials in collaboration with Diskha mineral company Hyderabad. ➤ Preparation of Nanosanitizers using Hydrogen peroxide and Nanosilver in collaboration with D Nanotechnologies Hyderabad. ➤ R& D project on “To Study Graphene/ Metal oxide core shell Nanostructures for Nanoenzymatic glucose sensing “Under TEQIP-III Fund of 2 Lakhs. ➤ R & D project on “Hybrid Nanostructures based chemoresistive gas sensing as a biomarker for Human exhaled breath”under TEQIP-III fund 2 Lakhs
2	Dr.Ch. Shilpa Chakra, Assistant Professor, CNST,IST,JNTUH	Centre for Nano Science and Technology	<ul style="list-style-type: none"> ➤ Dr. CH Shilpa Chakra,Assistant Professor, CNST,IST,JNTUH made efforts for COVID-19 by 3D printing Face shields for doctors and concerned health care workers and Police. ➤ Submitted collaborative project proposal under RashtriyaUchchatar Shiksha Abhiyan (RUSA 2.0), Ministry of Human Resource Development on “ Printable Energy Storage Device for portable devices based on nanomaterials” with Yogi Vemana University. ➤ Submitted collaborative project proposal under RashtriyaUchchatar Shiksha Abhiyan (RUSA 2.0),Ministry of Human Resource Development on “ 3D printing, Design and Development of an

			<p>efficient Polyethylene Glycol coated Zinc Oxide Nanoweapon to fight against COVID-19“ with Yogi Vemana University</p> <ul style="list-style-type: none"> ➤ Sanctioned an R&D project on “Sophisticated Flexible Supercapacitor for High Energy Storage application based on Nanomaterials” Under DST-SEED funded 44.07 Lakhs. ➤ Sanctioned an R&D project on “Eco-Friendly Flexible Transparent Conductive Cellulose Silver/MWCNT Nano paper, Battery for Energy Storage Application” Under AICTE-MODROBS funded 10 Lakhs. ➤ Sanctioned an R & D project on “A new archetype for development of Flexible Nano Hybrid Supercapacitor for large scale electric energy storage with high performance” Under DST-SERB Core funded 41.84 Lakhs.
3.	Dr. M. Sunitha Reddy Associate Professor	Centre for Pharmaceutical sciences	MOU with Neuheit Pharma
4	Dr. Venkateswara Rao B, Professor	Centre for Water Resources	Editorial board member for an International Journal of Green Technology

Prestigious Assignments (National/International) Received by the Faculty

S. No.	Name of the Department/Centre	Name of the Faculty & Designation	Name of the Assignment	Awarding Agency
1.	Centre for Water Resources	Dr. Venkateswara Rao B, Professor	Nominated by JNTUH as Civil Engineering Faculty BoS member in ACE Engineering College	JNTUH
2.	Centre for Water Resources	Dr. Venkateswara Rao B, Professor	Nominated by JNTUH as Academic Council member of Martins Engineering College	JNTUH

New Appointment(s)/Promotion(s)

S. No.	Name of the Department/Centre	Name of the Faculty & Designation	Appointed/ Promoted
1.	Centre for Environment	Dr.T.Vijaya Lakshmi	EC member of JNTUH-March 2020

Students' Achievements

Prizes/Awards/Medals for outstanding performance in Academic/ Sports/ Cultural Activities at National/International level

S. No.	Name of the student	Student Roll. No.	Year of Study	National/ Intl.	Name of the Prize/Award/ Medal Received	Category (Academic/ Sports/ Cultural)	Name of the Organization	Venue	Details of the Event
1.	Sriramoju Mahender	19031 D3115	2020	National	Science Quiz - 1st prize	Academic	India Science Festival	IISER, Pune.	India Science Festival (11 th to 12 th January 2020), IISER, Pune -
2	G.Manisha	19031 S0705	2019	National	Best speaker	Cultural	ISKCON Kukatpally	JNTUH auditorium	Intra college Elocution competition on 'Kill Cancer'-2019
3	T. Amrit	19031 S0710	2019	National	First prize in Essay writing	Cultural	IST, JNTUH	IST,JNTUH seminar hall	Telugu MatrubhashaDinotsavam on Feb 21 st 2020

Students qualifying in State/ National/ International level examinations /like GATE

S. No.	Name of the Dept./Centre	Name of the Student	Exam Qualified	Rank Secured	Registration number
1	Center for Biotechnology	Rajesh Abhinav Bokinala	GATE -2020	8270	XL20S31404078
2	Center for Biotechnology	Sandhya Enja	GATE-2020	2473	BT20S31404022
3	Centre for environment	V.Devisharada	GATE	15745	CE20S87408041
4	Centre for environment	G.Shashank Reddy	GATE	7820	CE20S81406983
5	Centre for environment	E. Ramani	GATE	15903	CE20S71406607
6	Centre for environment	K Srikant	GATE	14686	CE20S87416030

7	Centre for environment	V.Vijay	GATE	10763	EC20S41401720
8	Centre for environment	E.Mounavi	GATE	27412	EE20S51404035
9	Centre for environment	K.Uttej Rao	GATE	6977	CE20S81401780
10	Centre for environment	M.Kiran	GATE	3107	EE20S51402521
11	Centre for environment	P.Mahesh	GATE	13601	CE20S71404460
12	Centre for environment	P.Harish	GATE	20161	CE20S81404986
13	Centre for Nanoscience and Technology	AkhilaGangarapu	GATE-2020	16,431	ME20S21406302
14	Centre for Nanoscience and Technology	SahithyuNellutla	GATE-2020	13,300	ME20S21405471
15	Centre for Nanoscience and Technology	Sharath Chandra Thalluri	GATE-2020	16,699	ME20S21401492
16	Centre for Nanoscience and Technology	GarshakurthiShravan Kumar	GATE-2020	18,658	CE20S71401335
17	Centre for Water Resources	BhukyaRooplal	GATE	305	CE19S77131046
18	Centre for Water Resources	Panchala Mounika	GATE	385	CE19S87120054
19	Centre for Water Resources	Cherupuri Dileep Yadav	GATE	392	CE19S71404127
20	Centre for Water Resources	Vanaparthi Pranay	GATE	400	CE19S71404619
21	Centre for Water Resources	Dade Balakrishna	GATE	404	CE19S71404383
22	Centre for Water Resources	Chiliveru Ajith	GATE	407	CE19S81405686
23	Centre for Water Resources	Kamperla Mounika	GATE	426	CE19S81401342
24	Centre for Water Resources	T. Ashish Reddy	GATE	451	CE19S71405662

25	Centre for Water Resources	Nakkala Suresh Yadav	GATE	455	CE19S77134094
26	Centre for Water Resources	Gaddala Nitin	GATE	282	CE19S71407096
27	Centre for Water Resources	Martha Saikumar	GATE	388	CE19S7140517
28	Centre for Water Resources	Mohammad Shakeer Hussain	GATE	388	CE19S71405192
29	Centre for Water Resources	Thatikondawar Kiran	GATE	430	CE19S81407633

Journal/ Conference Papers Published by the Students

S. No	Name of the Branch & Year	Name of the Student	Roll No.	Title of the Paper	Name of International / National Journal	Page No., Vol. No., and Issue No.	Date and Year
1	M.Tech(NanoTechnology) & 2016	R.Saisri	16031DA708	Architectural tailoring of orthorhombic MoO ₃ nanostructures toward efficient NO ₂ gas sensing	Journal Of Materials Science	Volume 55 Issue 19	1/7/2020
2	Ph.D(Nanoscience and Technology) 2014	Dr. S. Gautham	1403PH2502	Investigation of various Mg (x) Fe (1-x) 2O ₄ (x= 0.1, 0.5 and 0.9) nanostructures as a resistive and flexible LPG sensor	Materials Science and Engineering: B	Volume 255 Pages 114515	1/5/2020
3	M.Tech(NanoTechnology) & 2017	M.Saibhargava Reddy	17031 D 6609	NiO nanoparticles-decorated conductive polyanilinenanosheets for amperometric glucose biosensor	Materials Chemistry and Physics	Volume 242 Pages 122524	15/02/2020
4	M.Tech(NanoTechnology) & 2017	M.Saibhargava Reddy	17031 D 6609	High sensitive polyanilinenanosheets (PANINS)@rGO as non-enzymatic glucose sensor	Journal of Materials Science: Materials in Electronics	Vol 31 Issue 4 Pages 2926-2937	1/2/2020
5	M.Sc(Nanoscience and Technology) 2010	N Jayarambabu,	10031G2506	Green synthesis of Cu nanoparticles using Curcuma longa extract and their application in antimicrobial activity	Journal of Materials Science: Materials in Electronics	Vol 259 Page 126813	15/01/2020
6	M.Sc(Nanoscience and Technology) 2010	N Jayarambabu,	10031G2506	Utilization of rapid prototyping technology for the	Measurement and Control	Page002029	10/01/2020

				fabrication of an orthopedic shoe inserts for foot pain relieve using thermo-softening viscoelastic polymers: A novel experimental approach			
7	M.Sc(Nanoscience and Technology) 2010	N Jayarambabu,	10031G2506	A high-performance low-temperature LPG detection by MgFe ₂ O ₄ /BiVO ₄ chemiresistive sensor	Journal of Materials Science: Materials in Electronics	Pages1-8	2/1/2020
8	M. Pharmacy, 2019	Hemantha Lakshmi	18031S0305	Proniosomes - A Novel Drug Delivery Carrier: A Review	Journal of Global Trends in Pharmaceutical Sciences	Pg: 7176 – 7185, ISSN -2230-7346	2020
9	M. Pharmacy, 2019	Keerthi Reddy Sunkari	18031S0307	A Review on “Synthesis of Silver Nanoparticles by Biological Approach”	International Journal of Pharmaceutical Sciences Review and Research	Pages: 33-37 ISSN 0976 – 044X	Feb,2020
10	M. Pharmacy, 2019	Sowmya V	18031S0317	Self-Emulsifying Drug Delivery System (SEDDS): An Approach To Increase The Solubility Of Lipophilic Drugs	American Journal of Pharmacy and Health Research	Pg: 58-61, Volume 8, Issue 1 ISSN: 2321–3647	10 Jan, 2020
11	M. Pharmacy, 2019	Pallavi Sunduru	18031S0313	A Review on Classification, Characterization, Synthesis, Applications And Toxicity Of Nanoparticles	European Journal of Biomedical AND Pharmaceutical sciences	Pg: 113-119, Volume 7, Issue 2	2020
12	M. Pharmacy, 2019	Bharath Dubashi	18031S0303	Bilayer Tablets: A Novel Technology: A Review	Journal of Global Trends in Pharmaceutical Sciences	Pg: 7279-7282, ISSN -2230-7346	2020
13	M. Pharmacy, 2019	SheethalLakum	18031S0316	A Review OnProniosomes: Formulation, Characterization and Applications	American Journal of Pharmacy and Health Research	Volume 8, Issue 2 ISSN: 2321–3647	Feb, 2020
14	M. Pharmacy, 2019	Pallavi Dongre	18031S0312	A Review On Self Emulsifying Drug Delivery System	European Journal of Biomedical AND Pharmaceutical	ISSN: 2349-8870 Volume: 7 Issue: 3	2020

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Journal/ Conference Papers Presented by the Students

S. No.	Name of the Branch & Year	Name of the Student	Roll No.	Title of the Paper	Name of Intl. / National Conference/ Seminar	Date and Year
1	Biotechnology	Sairam Medagani,	18031D0311	Production Of Therapeutically Important Coumarin-Scopoletin From Suspension Cultures Of Abutilon Indicum	NCBT 2020 Organized by CBT IST JN TUH	27-29Feb, 2020
2	Biotechnology	S Sandhya	18031D0303	Elicitation As A Tool For Enhancing The Production Of Curcuminoids From In Vitro Grown Plants Of Curcuma Longa	NCBT 2020 Organized by CBT IST JN TU	27-29 Feb, 2020
3	Biotechnology	Kotturu Mounika	18031D0307	Optimized Conditions For Growth Kinetics And Production Of Pharmaceutically Important Kaempferol From Alpinia Purpurata Cell Suspension	NCBT 2020 Organized by CBT IST JN TU	27-29 Feb, 2020
4	Biotechnology	AkshitaMalkowthekar	19031G0308	Car T-Cell Therapy: A New Era In Cancer Immunotherapy	NCBT 2020 Organized by CBT IST JN TU	27-29 Feb, 2020
5	Biotechnology	AdoumAbakar Mahamat	18031G0302	Effect Of Nanoparticles On Growth And Production Of Secondary Metabolites In Invitro Grown Cultures Of Alpinia Purpurata	NCBT 2020 Organized by CBT IST JN TU	27-29 Feb, 2020
6.	Environmental Science & Technology	Abhilash Maryada	1403PH 1102	Analysing seasonal variation for soil properties and interpolating in GIS environment for a cluster of Five villages of Telangana state	National Conference on Biotechnology and BioEngineering Trends	Feb 2020

Student Activities like Technical Symposiums, Competitions, Industrial Visits, and Cultural activities etc. Organized/Participated

S. No.	Name of the Centre	Name of the Event	Date of the Event	No. of Students Participated
1	Centre for Environment, IST	Indian Science Festival, Pune, Maharashtra	11 th to 12 th January 2020	14

2	Centre for Pharmaceutical Sciences, IST, JNTUH	Telugu Matrubhasha Dinotsavam	21 st Feb, 2020	140
3	Centre for Pharmaceutical Sciences, IST, JNTUH	International Women's Day	7 th March,2020	300
4	Centre for Water Resources, IST,JNTUH	Aspiring minds has organized Indian science fest at IISER, Pune ,public talks from 50+ world class scientists	11 th & 12 th January	5 students

Sports Activities /Competitions Organized/Participated at the Institution Level

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting University / College	Level
1	T. Amrit	M. Pharmacy	Cooking	JNTUH	National
2	G.Manisha	M. Pharmacy	Singing	JNTUH	National

No. of UG/PG Students Placed

S. No	Branch/ Specialization	No. of Students Placed	No. of Organizations offered Placements	Highest Salary Offered/Organization
1	M.Tech (NanoTechnology)	02	01	3.0 Lakhs P.A
2	Centre for Water Resources, IST,JNTUH	4	Off Campus Placements:	5,00,000 Per Annum
3			1. AEE, RWS&S, Telangana State, Hyderabad. (1Student)	5,00,000 Per Annum
4			2. M/s. Panchayat Raj, Kurnool as an Engineering Assistant (Grade-II), (2 students)	5,00,000 Per Annum
			3. Andhra Bank as Probationary Officer(1Student)	5,00,000 Per Annum

Entrepreneurship Developmental Activities

S. No.	Name of the Activity	Date and Month	Staff/Students Participation Details
1	Entrepreneur Development Programme on Renewable Energy Source / Organised by Entrepreneurship Development Cell , JNTUH	2 nd December 2019 to 17 th January 2020	5

NSS/NCC Activities

S. No.	Name of the Activity	Date of Activity	Organising Unit/Agency/ Collaborating	Name(s) of Faculty In charge	Number of Students Participated
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			Agency		
1	National youth Festival-2020	12/01/2020-16/01/2020	Ministry of youth affairs and sports Govt of India, NSS and NYK	Dr. S Shobha Rani	01
2	Save mother nature by saying no to plastic	29 th Feb, 2020	UGC, HRDC, JNTU	Dr S.ShobhaRani, Head and Associate Professor	200

Alumni Activities

(ii) Expert Lectures/Guest Lectures Delivered by the Distinguished Alumni Member:

Dr. S. Gautham, University of Manchester delivered lecture titled “Graphene Nanomaterials based Applications” at CNST, IST, JNTUH on 10.01.2020

Any other Achievements related to the Unit:

S. No	Name of the Centre	Name of the Activity	Date	Brief Description
1	Centre for Nano Science and Technology	Innovation(S) Useful For People Or Administrators During COVID-19 Pandemic	01-04 - 2020 to 31-05-2020	<ul style="list-style-type: none"> ➤ Dr. K Venkateswara Rao Professor &Head, CNST, IST, JNTUH made research to eradicate Covid19 Virus with the help of nano materials in collaboration with Diskha mineral company Hyderabad. ➤ Preparation of Nanosanitizers using Hydrogen peroxide and Nanosilver in collaboration with D Nanotechnologies Hyderabad. ➤ Dr.CH Shilpa Chakra, Assistant Professor, CNST,IST,JNTUH made efforts for COVID-19 by 3D printing Face Shields for doctors and concerned health care workers and Police. ➤ Submitted DST SERB short Term project for Covid-19.(Applied) ➤ Submitted collaborative project proposal under RashtriyaUchchatarShikshaAbhiyan (RUSA 2.0), Ministry of Human Resource Development on “Printable Energy Storage Device for portable devices based on nanomaterials” with Yogi Vemana University.

				<ul style="list-style-type: none"> Submitted collaborative project proposal under Rashtriya Uchchatar Shiksha Abhiyan (RUSA 2.0), Ministry of Human Resource Development on “ 3D printing, Design and Development of an efficient Polyethylene Glycol coated Zinc Oxide Nanoweapon to fight against COVID-19“ with Yogi Vemana University
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A 2-Day Workshop on Know Your Student



“Save Mother Nature by Saying NO to Plastic” Programme



IPA- Students' Congress-2020



CII Telangana State Annual Meeting 2019-20 and Conference on T-SET for Growth

6. School of Information Technology

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1.	School of I.T.	The S.I.T. and M/s Sustenance's Growth Cultivation Pvt. Ltd., Hyderabad jointly organized	National	"Xcel @thon' 20" i.e. A 24-hr Hackathon programme	1 day	14 th February, 2020 at SIT, JNTUH		250 Students

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty:

S. No.	Name of the Centre	Name of the Faculty & Designation	National / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Funding	No. of Participants
1.	School of Information Technology	G.Praveen Babu, Associate Professor of CSE	National	FDP on 'Machine Learning & AI using Python'	10 days	April 27 to May 06, 2020 & Electronics & ICT Academy, IIT Roorkee (Online live Instructor-led)	Ministry of Electronics & Information Technology, Govt. of India	50
2.	School of Information Technology	G.Praveen Babu, Associate Professor of CSE	National	FDP on 'Deep Learning & Its Applications'	10 days	May 11 to May 20 2020 & Electronics & ICT Academy, IIT Roorkee (Online live Instructor-led)	Ministry of Electronics & Information Technology, Govt. of India	50
3.	School of IT	Smt. Uma	National	Online Faculty	6 Days	From 28 th April	Spoken Tutorial	

		Rani Vanamala, Associate Professor		Development Program on “Python Programming”		- 03rd May 2020 Department of Computer Engineering, JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune – 411033 <i>in association with Spoken Tutorial, IIT Bombay.</i>	Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.	
4.	School of IT	Smt. Uma Rani Vanamala, Associate Professor	National	Five Days LIVE ONLINE Technology Training CERTIFICATE WEBINAR Programme on "LabVIEW",	5 Days	From 04-05-2020 to 08-05-2020. conducted by LabVIEW Academy, SJBIT, Bengaluru,	LabVIEW Academy, SJBIT, Bengaluru,	
5.	School of IT	Smt. Uma Rani Vanamala, Associate Professor	National	One week Faculty Development Program (FDP) on “Current Trends and Future Technologies in	6 Days	From 8 th May to 13 th May 2020 Department of Information Technology and Internal Quality Assurance Cell (IQAC)	UshaPravin Gandhi College of Arts, Science & Commerce, in association with University Department of Information Technology	

				Computing”		of UshaPravin Gandhi College of Arts, Science & Commerce, in association with University Department of Information Technology (UDIT), University of Mumbai.	y (UDIT), University of Mumbai.
6.	School of IT	Smt. Uma Rani Vanamala, Associate Professor	National	one week online Faculty Development Program (FDP) on Moodle-Learning Management System	5 Days	From 4 th May 2020 to 8 th May 2020.org anised by the KLS VishwanathraoDeshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka a in associati on with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through	the KLS VishwanathraoDeshpande Institute of Technology, Haliyal, Uttara kannada, Karnataka in association with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through ICT,MHRD, Govt. of India,)

						ICT,MH RD, Govt. of India,)		
7.	School of IT	Smt. Uma Rani Vanamal a, Associat e Professor	Nation al	one week online Faculty Develop ment Program (FDP) on "Big Data Tools"	6 Days	From 18 th to 23 rd May, 2020St. Martin's Engineer ing College (SMEC) ,Secunde rabad. In associati on with Compute r Society of India, Hyderab ad	Martin's Engineerin g College (SMEC), Secunderab ad.	
8.	School of IT	Smt. Uma Rani Vanamal a, Associat e Professor	Nation al	AICTE Training and Learnin g Academ y (ATAL) Faculty Develop ment Program (FDP) on "Data Sciences "	5 Days	From 25 th to 29 th May 2020 organize d by IIIT Nagpur	IIIT Nagpur, AICTE Training and Learning Academy (ATAL)	
9.	School of IT	Smt. Uma Rani Vanamal a, Associat e Professor	Nation al	National Level ONE- WEEK FDP on "PHP and MySQL "	6 Days	From 18 th May to 23 rd May, 2020 organize d by the Depa rtment of Compute r Science and Engineer ing, JNTUH	organized by the Depart ment of Computer Science and Engineer ing, JNTUH College of Engineer ing, Jagtial.in Association with IIT- BOMBAY(

						College of Engineering, Jagtial.in Association with IIT-BOMBAY (Remote Learning through Spoken Tutorial IIT-Bombay)	Remote Learning through Spoken Tutorial IIT-Bombay	
10.	School of IT	Smt. Uma Rani Vanamala, Associate Professor	National	National Webinar "how To Get Research Grants From Ugc & Aicte (Minor Or Major Research Projects Application Process)"		9th June 2020 Organized by MBITS & SMBS, Kerala	Organized by MBITS & SMBS, Kerala	

Journal/ Conference Papers Published by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1.	School of Information Technology	Dr.K.Santhi Sree Professor	Covid-19: A Tentative Estimation of Fatality Rates using Random Forest Algorithm",	International Journal of Computer Applications , IISC Bangalore ,	Vol.176(23),(0975-8887).	March 2020,
2.	School of Information Technology	Dr.K.Santhi Sree Professor	" Exploratory Data analysis and Machine Learning Techniques	" ,International Journal Research in Applied Engineering science and Technology(IJRAEST	Vol .2(1),(2582-029X)	March 2020
3.	School of Information Technology	DR.K.SANTHI SREE Professor	Case Study : Enhanced Clustering Technique on Sequential data	International Journal of Computer Applications , IISC Bangalore ,	Vol.176(20),(0975-8887).	March 2020

			Streams using Optics and Chameleon",			
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7. School of Management Studies

Dr. Sindhu is Editorial Board Member of Hyderabad Management Association Newsletter.

Dr. Sindhu published a paper on Service Quality Dimensions in the Indian Bus Transportation Sector: A Conceptual Review co-authored with Dr.M.S.Bhat and Abhishek Asthana in PMIT Journal of Research (UGC Care Listed Journal), Vol.-12, no.1, July-December 2019. ISSN no. 2278-7925.

8. Directorate of Evaluation

New initiatives have been taken at the University Examination Branch during January-March, 2020:

- 1) Delivery of transcripts and certificates to JNTUH graduates who reside in foreign countries to their door-steps:

The online service for the issue of transcripts and a selected list of certificates like medium of instruction and migration certificates have been made as an online service since the year 2017. However these services were limited JNTUH graduates who reside in India. From January, 2020, these services have been extended to the graduates of JNTUH who reside in any country in the world. The students residing overseas need to register from their place of residence and make the specified payment; the certificates shall be dispatched to the candidates to the address which they mentioned while doing their registration.

- 2) World Educational Service made Online:

Every year a large number of students apply for the higher education in foreign countries. Such students route their applications through World Education Services (WES). Earlier the physical visit of the applicants to the Examination branch was a necessity to fulfill some requirements of the application procedures. Now all these services have been made online. As a results, the students need not come to the Examination Branch, but can carry out all the specified activities from the places of their residence.

- 3) Grievance redresses Portals of Principals and Students:

Receiving every year a sizeable number of grievances have been received by the examination branch in the physical letters/application forms. Now these grievances as well as redressals have been made as on line service. If the grievance resolution requires attention of multiple officers/sections, such letters/applications shall be circulated using a service in the grievances portal and once the issue is resolved, the same will be notified to the party (student/Principal). The applicants can also track the status of their letter/ application while it is being processed.

11. Directorate of Academic Audit Cell

1. Guidelines for grant of Permanent Affiliation in the Affiliated Colleges

Colleges with academic and operative freedom can do better and have more credibility. Hence, UGC, in this direction, has proposed to increase the number of autonomous colleges to spread the culture of autonomy, and the target is to make 10 per cent of eligible colleges autonomous by the end of the XII Plan period. JNT University Hyderabad, as a first step towards Autonomy has proposed to float the process of granting Permanent Affiliation for a period of three years to the existing Affiliated Colleges under its purview. So, the Colleges who are in future willing to become self-sufficient from academic and financial fronts can seek of Permanent Affiliation from the University based on Self-Appraisal. Therefore, from the academic year 2020-21 onwards JNTUH will be verifying the credibility of the affiliated Colleges for the issue of Permanent Affiliation status.

Submission of Grievances to the University by the Faculty members & Students of Affiliated Colleges in online mode
In order to reduce the time taken for resolving the grievances faced by faculty members and students of affiliated Colleges, the University has enhanced the Grievances Redressal System by introducing the submission of grievances by the Faculty members and Students through online mode.

1. Meeting with Stakeholders of the University

A meeting was convened with the stakeholders of the University on 25-02-2020 predominantly involving the Managements and Principals of the Affiliated Colleges to appraise them about new reforms, best practices and upcoming challenges in near future pertaining to Academic curriculum (inclusion of courses in Emerging Areas), Examinations, Affiliation Process, Research & Development and other Student centric activities. The meeting was graced by around 600 representatives belonging 250 Colleges, who have given their valuable suggestions apart from their concerns for the overall development of Quality of Higher Education. Subsequently, the Affiliation Procedure and Regulations for the ensuing academic year 2020-21 have been revised and process of grant of Permanent Affiliation was floated.

2. Implementation of Facial Recognition System (FRS)

Owing to the pandemic COVID-19 situation prevailing, the Aadhaar based Biometric attendance system (based on Fingerprint recognition) which was used to monitor the daily attendance of Faculty members and Students in both Constituent Units & Affiliated Colleges of the University has been dispensed with and Facial Recognition System was identified as an alternative. Facial Recognition System is capable of identifying or verifying a person from a digital image or a video frame from a video / camera source and it is widely adopted due to its contactless and non-invasive process. Further, it is described as a Biometric Artificial Intelligence based application that can uniquely identify a person by analyzing patterns based on the person's facial textures.



Honourable Vice-Chancellor I/c Sri. Jayesh Ranjan, IAS



Audience at JN Auditorium, JNTUH



12. Directorate of Research and Development

The following are the statistics from January 2020 to March 2020:
Research Review Meeting (RRM) was conducted in January 2020.

Conducted RRM Month/Year	Ph.D/M.S./M.Phil No. of Research Scholars Registered	Ph.D/M.S./M.Phil No. of Research Scholars Attended
January 2020	175	155

No. of Ph.D. Viva-Voce examination conducted in Engineering and Science Stream from January 2020 to March 2020 is given below:

S.No	Month	Total
1	January 2020	22
2	February	14
3	March 2020	14
TOTAL		50

13. Directorate of University Foreign Relations

DUFR, JNTUH in association with Indian Council for Cultural Relations, Hyderabad which promotes Cultural Relations as well as Scholarships has conducted Lecture Demonstration on “Kathak Dance” by Ms. Vidyaguari Adkar” an eminent “Kathak Dancer” on 23rd February 2020 at HRDC (UGC) – Auditorium, JNTUH.



Cultural Programme

14. UGC-HRDC

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized

S. No.	Name of the Centre	Name of the Faculty & Designation	National/ Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil Engineering & Director, UGC-HRDC JNTUH	National	57th Orientation Programme	Three Weeks	20.01.2020 to 08.02.2020	UGC	21
2	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil Engineering & Director, UGC-HRDC JNTUH		Short Term Course on “E-Learning tools and techniques for effective teaching”	Three-Days	06.01.2020 to 08.01.2020	UGC	20
3	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil Engineering & Director, UGC-HRDC JNTUH		Short Term Course on “Disaster Management”	One Week	20.01.2020 to 25.01.2020	UGC	36
4	UGC-HRDC	Dr. V. Parvathi Professor Dept. of H & S JNTUHCEH, Hyderabad		Short Term Course on “Gender Sensitization”	One Week	03.02.2020 to 08.02.2020	UGC	39
5	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil Engineering & Director, UGC-HRDC JNTUH		Short Term Course on MOOCs, e-Content development and Open Educational Resources	One-Week	10.02.2020 to 12.02.2020	UGC	30
6	UGC-HRDC	Dr. M. Sunitha Reddy Assoc. Professor, Centre for Pharmaceutical Research, IST, JNTUH	Short Term Course on Modern Principles in Nano-Technology – Present & Future prospects	One-Week	10.02.2020 to 15.02.2020	UGC	28	
7	UGC-HRDC	Mrs. E. Hemalatha Asst. Professor, Dept. of CSE, JNTUHCEH, Hyderabad	FDP – Block Chain Technology	Five-Day	27.01.2020 to 31.01.2020	AICTE	23	
8	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil	FDP - Hydraulics and Hydraulic	Five-Day	27.01.2020 to 31.01.2020	AICTE	28	

		Engineering & Director, UGC-HRDC JNTUH		Machines				
9	UGC-HRDC	Dr. N. Darga Kumar Head, Dept. of Civil Engineering, JNTUHCEM, Manthani		FDP – Foundation Engineering	Five-Day	27.01.2020 to 31.01.2020	AICTE	23
10	UGC-HRDC	Dr. G.K. Viswanadh Professor of Civil Engineering & Director, UGC-HRDC JNTUH & Dr. K. Naga Sujatha Professor of EEE & Dy. Director, UGC-HRDC JNTUH		Outcome Based Education	Three-Days	05-03-2020 to 07-03-2020	AICTE	30





Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/ FDPs Attended by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Natio nal / Intl.	Title of the Event	No. of Days	Date(s) & Venue	Source of Fundin g	No. of Particip ants
1	UGC-HRDC	Dr. K. Naga Sujatha, Dy Director	Intern ationa l	International Conference on Electrical and Electronics Engineering	Two Days	February 28-29, 2020		

Invited Talks/Expert Lectures Organized/Delivered

S. No	Name of the Faculty & Designation	Name of the Dept./Centre	Title of the Topic	Invitee	Date & Venue
1	Dr. GK. Viswanadh, Director	UGC-HRDC	Introduction on New Pedagogical Tools in Teaching-Learning	UGC-HRDC “57 th Orientation Programme”	20-01-2020 UGC-HRDC, JNTUH, Hyderabad
2	Dr. GK. Viswanadh, Director	UGC-HRDC	Dimensional Analysis	UGC-HRDC AICTE FDP “Hydraulics and Hydraulic Machines”	27-01-2020 UGC-HRDC, JNTUH, Hyderabad
3	Dr. GK. Viswanadh, Director	UGC-HRDC	Hydraulic Similitude	UGC-HRDC AICTE FDP “Hydraulics and Hydraulic Machines”	31-01-2020 UGC-HRDC, JNTUH, Hyderabad
4	Dr. K. Naga Sujatha, Dy Director	UGC-HRDC	Applications of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) in Electrical Engineering	Ramachandra College of Engineering, Vaturu (V), Eluru, W.G. Dist., A.P.	February 01, 2020 Dept. of EEE Ramachandra College of Engineering, Vaturu (V), Eluru, W.G. Dist., A.P.
5	Dr. K. Naga Sujatha, Dy Director	UGC-HRDC	Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies	All India Seminar on “Policies of Governments, Paradigms Challenges and Opportunities for sustainable electrical power in India”	February 19-20, 2020 The Institution of Engineers (India), Visvesvaraya Bhavan, Khairatabad, Hyderabad, T.S

Journal/ Conference Papers Presented by the Members of the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Conference/ Seminar	Date and Year
1	UGC-HRDC	Dr. K. Naga Sujatha, Dy Director	Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies	All India Seminar on “Policies of Governments, Paradigms Challenges and Opportunities for sustainable electrical power in India”	February 19-20, 2020
2	UGC-HRDC	Dr. K. Naga Sujatha, Dy Director	Operation of droop-controlled hybrid islanded multiple subgrids	International Conference on Electrical and Electronics Engineering	February 28-29, 2020

17. Directorate of University Industry-Interaction Centre

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Centre	Name of the Faculty & Designation	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	UIIC	Dr.Ch.Venkata Ramana Reddy, Director, UIIC	A Seminar on "Coding Skills for Employability of Engineering Students" at JNTUH-CE Manthani	2 Days	JNTUH-CE Manthani 7-8 January, 2020		120
2	UIIC	Dr.Ch.Venkata Ramana Reddy, Director, UIIC	A Seminar on "Coding Skills for Employability of Engineering Students" at JNTUH-CE Manthani		JNTUH-CE Sulthanpur 9-10 January, 2020		120
3	UIIC	Dr.Ch.Venkata Ramana Reddy, Director, UIIC and Dr.M.Madhavilatha, Professor of ECE	A 2 day Faculty Development Programme on "Machine and Deep Learning" in association with MathWorks		7-8 January, 2020 UIIC, JNTUH	TEQI P-III	40
4	UIIC	Dr.Ch.Venkata Ramana Reddy, Director, UIIC and Dr.M.Madhavilatha, Professor of ECE	A 2 day Faculty Development Programme on "5G Technologies using Matlab" in association with M/s MathWorks		25-26 February, 2020 UIIC, JNTUH		40

Any other Achievements related to the College/Unit: Organized Job Fairs Journal/ Conference Papers Published by the Faculty:

S. No.	Name of the Dept./Centre	Name of the Faculty & Designation	Title of the Paper	Name of International / National Journal	Page No. Vol. No. and Issue No.	Date and Year
1	UIIC, JNTUH	Dr.Ch.Venkata Ramana Reddy, Professor of Chemistry and Director, UIIC, JNTUH	Synthesis, Crystal structure and DNA binding studies of 3-(2-(2-hydroxybenzylidene)hydrazinyl)quinoxalin-2(1h)-one	Crystallography Reports	65(1), 72-77.	2020
2			"An efficient approach for the synthesis of triazole conjugated pyrazole chalcone derivatives"	Chemistry Africa, 2020	3,45-52	2020

3			Water Mediated One-Pot and Step-Wise Syntheses of Indolyldine Isoxazoles and Their Anti-Cancer Activity and Molecular Modeling Studies	Chemistry Africa, 3,61-74.	3,61-74.	2020
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18. Directorate of JNTUH Innovation Hub

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

S. No.	Name of the Dept./Centre	Name of the Faculty&Designation	National/ Intl.	Title of the Event	Duration	Date(s) & Venue	Source of Funding	No. of Participants
1	J-HUB JNTUH Innovation Hub	Dr.G.Vijaya Kumari, Director	National	1. Bootcamp on AI with IBM Watson at JNTUH, CES, Sultanpur	1 day	2 nd January-2020	TEQIP -3	260
2				2. Workshop on AI/ML at J-HUB JNTUH	3 days	09-11 January-2020		380
3				3. Bootcamp on AI with IBM Watson at JNTUH CEM, Manthani	1 day	21 st January-2020		81
4				4. Bootcamp on AI with IBM Watson at KITS, KHAMAM	1 day	17 th Febraury -2020		490
5				5. J-HUB Startup Accelerator program	6 months	August 2019 to February 2020		7 teams
6				6. J HUB Hackathon League Central Bootcamp	5 months	Dec 2019 to April 2020		3500+

S. No	Name of the Dept./Centre	Name of the Activity	Date	Brief Description
1	UIIC	Pool Campus Recruitment Drive by GVK BIO for Chemistry & Pharmacy post Graduates	January, 2020	About 500 M.Pharmacy and M.Sc Chemistry students have participated and about 60 placements were offered
2	UIIC	IBM Off Campus drive for Engineering Graduates	January, 2020	About 2000 students have participated and about 60 placements were offered
3	UIIC	HYSEA JOB FAIR-2020	7 February, 2020	About 2000 un employed Engineering & MCA Graduates attended the Job Fair and about 560 jobs were offered to the applicants during the Job Fair.

1. Boot-camp on AI with IBM Watson at JNTUH, Sultanpur during 02 January, 2020



2.

2. Workshop on AI/ML at J-HUB JNTUH during 09-11 January, 2020



3. Boot-camp on AI with IBM Watson at JNTUH CEM, Manthani during 21 January, 2020



4. Boot-camp on AI with IBM Watson at KITS, Khamam on 17 Febraury,-2020





5. J-HUB Startup Accelerator Program



6. J HUB Hackathon League Central Boot-camp



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