



JNTUH NEWS

A Half-Yearly Newsletter

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July-December 2021

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Honourable Governor of Telangana Dr. TAMILISAI Soundararajan, Vice-Chancellor, JNTUH Prof. Katta Narasimha Reddy, Rector Dr. A. Govardhan, Registrar Dr. M. Manzoor Hussain, DAP Dr. M. Madhavi Latha, Director SMS, Dr. Sindhu and the other Members of the Faculty participated in the Inaugural Function of Golden Jubilee Celebrations of JNTUH held on 03rd October 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Registrar Dr. M. Manzoor Hussain present during the Inaugural Program on “MS In Packing Technology” held on 04th October 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A. Govardhan, Director UIIC Dr. S.Tara Kalyani participated in the Inaugural Program of JNTUH-NASSCOM MoU Exchange&Orientation on Nasscom Future Skills Prime held on 20th November 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A. Govardhan, Registrar Dr. M. Manzoor Hussain, Director UIIC Dr. S.Tara Kalyani participated in the Inaugural Program of MEGA JOB MELA at JNTUHUIIC held on 06th December 2021.



Honourable Governor of Telangana Dr. Tamilisai Soundararajan, Vice-Chancellor, JNTUH Prof. Katta Narasimha Reddy, Rector Dr. A. Govardhan, Registrar Dr. M. Manzoor Hussain, Director UIIC, Dr.S.Tara Kalyani participated in the Inaugural Program of MEGA JOB MELA held on 18th December 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A.Govardhan, Registrar Dr.M. Manzoor Hussain during the Interactive Session with Affiliated College Management & Principals held on 19th July 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A.Govardhan, Registrar Dr.M. Manzoor Hussain, Director, SMS, Dr. Sindhu and the other Members of the Faculty participated in Harithaharam Programe at SMS held on 31st July 2021.

JNTUH University College of Engineering Hyderabad



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A. Govardhan, Registrar Dr. M. Manzoor Hussain, Principal, JNTUHUCEH Dr. Prabhu Kumar, Civil HoD Dr. S.Srinivasulu and the other members of the Faculty participated in the Inaugural Program on "National Workshop on Prefabricated Buildings and Construction" held on 29th November 2021.



Dr. A. Govardhan, Rector, Dr. Manzoor Hussain, Registrar, Dr. A. Prabhu Kumar, Principal, Dr. M. T. Naik, Vice-principal, Dr.Rama Devi, Professor and Chairperson, CRC participated in the Orientation Program for B.Tech Frist Year Students held at JN Auditorium on 03rd December 2021.



JNTUHUCEH : Principal Dr. A. Prabhu Kumar, Vice-principal Dr. M.T. Naik , the other members of the Faculty and Students participated in Tree Plantation Program at Spandana Block on 12th August 2021.



JNTUHUCEH:Dr. A. Prabhu Kumar, Principal, Dr. M.T. Naik, Vice-Principal, Dr.A Jayalaxmi, Professor&Head , Dr. A. Raghu Ram, Professor of EEE and the other Faculty and Student V. Manikanta Raju created the APP of Mani Back in October 2021.



JNTUHUCEH:Principal Dr. A. Prabhu Kumar, Vice-principal Dr. M.T. Naik and the other members of the Faculty participated in Independence Day Celebrations on 15th August 2021.

Department of Civil Engineering New Infrastructure Development in the Dept.

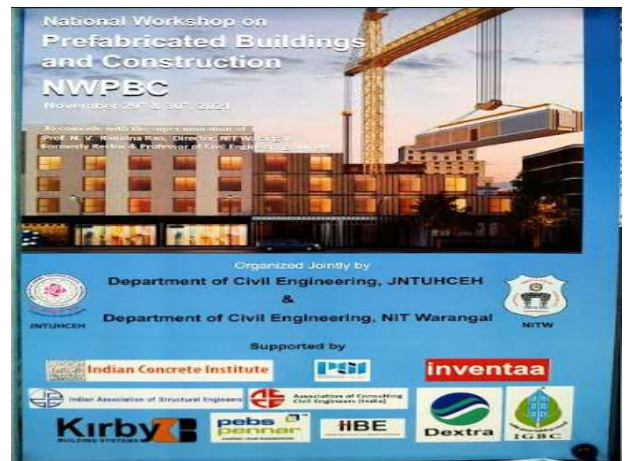
- Discussion Room was inaugurated at Department of Civil Engineering Ground floor for PG & UG Students by Dr.A.Prabhu Kumar, Principal JNTUHUCEH on 15th October 2021.



Discussion Room for PG & UG Students was Inaugurated by Dr.A.Prabhu Kumar, Principal JNTUHUCEH on 15th October 2021.

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

- Dr.B.Dean Kumar , Dr.S.P Anchuri, Er.C.A. Prasad, & Dr.P.Ratish Kumar organized a Two Day National Workshop on "Prefabricated Buildings and Construction" (NWPBC) jointly organized by Department of Civil Engineering, JNTUHUCEH and Department of Civil Engineering NIT, Warangal & Industry during 29th & 30th November 2021.



A Two Day National Workshop on "Prefabricated Buildings and Construction" (NWPBC).

Details of Webinars/ Conferences/ Seminars/ Workshops/ /FDPs Attended by the Faculty

- Prof.M.Madhav, Professor of Emeritus was nominated as an expert committee member in UNEP/GRID committee in August 2021 to prepare a report which serve as a guideline on terminology of Geo-Technical Engineering for the policy recommendations by UNEP/GRID-Geneva.

Faculty Achievements

New Appointments and Promotions/Awards

- Dr .K.Manjulavani, Professor received “State Best Teacher Award” from the Govt. of Telangana on 05th September 2021.



Dr.K.Manjulavani, Professor received “State Best Teacher Award” from the Govt. of Telangana held on 05th September 2021.

Journal Papers Published by the Faculty

- K.Almas, B.D.V.Chandra Mohan Rao, Maganti Janardhan Yadav, P. Swamy Naga Ratna Giri “Performance Studies on Limestone Calcined Clay Based Concrete” IOP Conf. Series: Materials Science and Engineering 1091 (2021) 012076 IOP Publishing doi:10.1088/1757-899X/1091/1/012076. (October 10-14, 2021).
- S.Kavya Sree, B. D.V.Chandra Mohan Rao, Maganti Janardhan Yadav, P.Swamy Naga Ratna Giri “Experimental Studies on Mechanical and Durability Characteristics of lc3 Concrete” IOP Conf. Series: Materials Science and Engineering, 1091 (2021) 012075 IOP Publishing doi:10.1088/1757-899X/1091/1/012075, ICIRMCT 2021.
- Raghavender Chinthakunta, Ravella Durga Prasad, Sri Rama Chand M., Janardhan Yadav M. “Performance Evaluation of Self-Compacting Concrete Containing Flyash, Silica Fume and Nano Titanium Oxide” Materials Today: Proceedings, Volume 43, Part 2, 2021, Pages 2348-2354.
- Manikanta Damma , Durga Prasad Ravella, Sri Rama Chand M., Janardhan Yadav M. “Mechanical

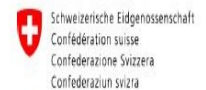
and Durability Characteristics of High Performance Self Compacting Concrete Containing Flyash, Silica Fume and Graphene Oxide” Materials Today: Proceedings, Vol: 43, Part: 2, Pages 2361-2367 in 2021.

- Purushotham Reddy K, Chandra Mohan Rao, B.D.V., Janardhan Yadav Maganti, Swamy Naga Ratna Giri P “Comparative Studies on LC3 Based Concrete with OPC&PPC Based Concretes Materials Today: Proceedings, Volume: 43, Part: 2, Pages: 2368-2372 in 2021.
- Jha, A.K. and Madhav, M.R. 2021. Optimization of Reinforcement Length of Steep Slope. 20th ICSMGE, Sydney in October 2021.
- Krishna Karthika Gorla, Sasanka Mouli Sravanam and Madhav Madhira "Arching Phenomena In Back to Back Retaining Walls, 8 IYGEC, Chennai" in October 2021.
- Ramu, B., Umashankar, B.Sireesh, and Madhav, M.R. 2021. Influence of Tensile Strength of Geogrid and Subgrade Modulus on Layer Coefficients of Granular Bases, Transportation Geotechnics.
- Ramu, B., Umashankar, B.Sireesh and Madhav, M.R. 2021. Modulus based Design Coefficients for Geogrid and Geocell Reinforced Bases, J. of Transportation Engg. Part B Pavements, ASCE.

Details of Patents/Copyrights Filed/Awarded

- Dr.P.Srinivasa Rao, Professor, filed and published a patent titled “Method of Manufacturing Quaternary Blended Self Compacting Concrete and Evaluation of the Same” Patent No: 202141060903. Details of Patent Filed/27/12/2021-Published 7/1/2022 are given below:

GRID-Geneva is part of the UN Environment Programme Science Division and a member of the Global Resource Information Database (GRID) network. Established as a partnership between the United Nations Environment Programme (UNEP), the Swiss Federal Office for the Environment (FOEN) and the University of Geneva (UniGe). With a team of 20 Environment Data Scientists, GRID-Geneva transforms data into information and knowledge to support the decision-making process related to environmental issues.



List of experts consulted (to date, in alphabetical order)

Artem Golev, Ph.D., The University of Queensland
Daniel Franks, Ph.D., Professor, The University of Queensland
Gary Lee, The Pacific Community
Ian Shelby, Ph.D., University of Plymouth
Jian Chu, Ph.D., Professor, Nanyang Technological University
Jim O'Brien, The Global Aggregates Information Network
Kari Aasly Alasken, Ph.D., Geological Survey of Norway
Lucien Halleux, Ph.D., Professor, BlueBasalt SRL
Madhav Madhira, Ph.D., Professor Emeritus, Jawaharlal Nehru Technological University
Patrice Christmann, Ph.D., Krysmine Consulting
Salvador Mondlane, Ph.D., Professor, Eduardo Mondlane University, Geology Department
Vera Van Lancker, Ph.D., Professor, Royal Belgian Institute of Natural Sciences
Yossi Sikuler, Hanson Israel Ltd - Heidelberg Cement Group

About this document

The Global Sand Observatory initiative is UNEP/GRID-Geneva's response to requests to identify knowledge gaps under the UNEA-4 Mineral Resource Resolution (UNEP.EA4.L19).

The discussion on the impact of sand and gravel extraction, recycling, use and re-use is a new issue for the international community. This discussion draws on the rich and diverse body of terms from different stakeholders. In the framework of the Global Sand Observatory initiative, UNEP/GRID-Geneva reviewed and assessed this terminology. As part of this effort, an expert group was convened in December 2020 to begin a series of technical discussions on "what is sand"?

This document reports on the first discussion structured around four key terms: 1) sand 2) gravel 3) rock & 4) aggregate and a set of associated terms. This discussion was moderated under the Chatham House Rule. As such, no particular view or comment is attributed to any one participant.

This living document will be updated as required and in consultation with UNEP/GRID-Geneva's growing network of experts. We invite all comments and feedback to be sent to arnaud.vandervelpen@unepgrid.ch.

Acknowledgements

This research received funding from the Swiss Federal Office of the Environment.



Department of Electrical & Electronics Engineering

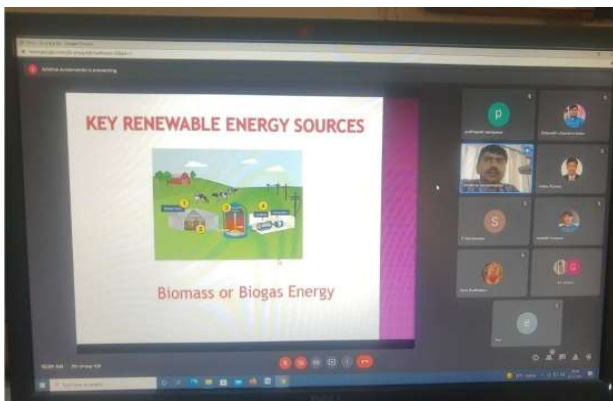
New Equipment/Software Installed

- The Department of Electrical and Electronics Engineering installed "Hybrid Energy Storage System, Conversion System, Converters, FPGA Controllers, Motors, DSO" for 30 Computer Systems in Power Converter Application Lab.

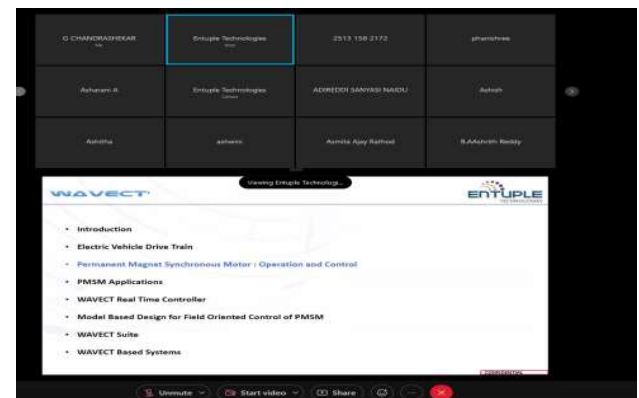
Details of Conferences/Seminars/Workshops/FDPs Organized by the Faculty

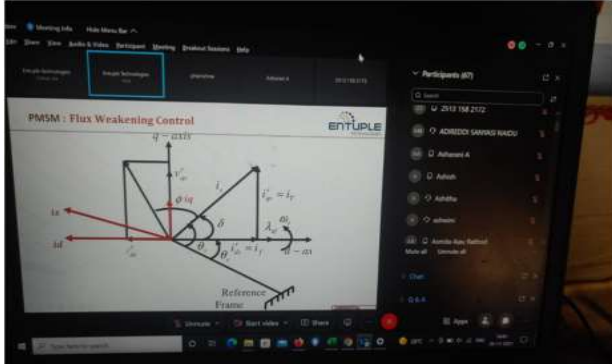
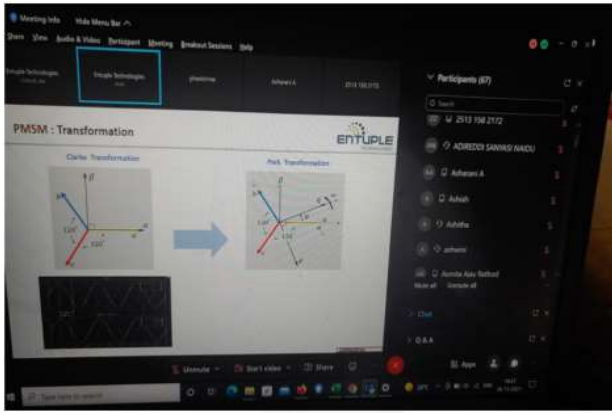
- Dr.K.H. Phani Shree, Assoc. Prof. organized a One Day National Webinar on "Power Converters and Control Techniques for Renewable Energy Systems" on 18th December 2021 with 82 participants.

- Dr.K.H. Phani Shree, Assoc.Prof. organized a One Day National Webinar on "Advanced Drive Setup with Wavect Controller: A Rep System In Association With "Entuple Technologies Private Limited" on 26th November 2021 with 80 participants.



A One Day National Webinar on "Power Converters and Control Techniques for Renewable Energy Systems" held on 18th December 2021.





A One Day National Webinar on “Advanced Drive Setup with Wavect Controller: A Rcp System In Association With “Entuple Technologies Private Limited” held on 26th November 2021.

- Dr.M.Sushama, Professor, organized a One Week National Webinar on Vigilance Awareness Week in Collaboration with “Power Grid Corporation of India Limited” from 30th November 2021 at CRC Complex, JNTUHCEH.



A One Week National Webinar on Vigilance Awareness Week in Collaboration with “Power Grid Corporation of India Limited” from 30th November 2021.

Keynote Address/Invited Talks/Expert Lectures Delivered by the Faculty

- Dr.K.H.Phani Shree, Assoc. Prof. delivered a talk on “Role of Power Converters in Wind Energy Conversion Systems” organized by VJIT, from 28th June to 02nd July 2021 through online mode.

Faculty Achievements

Journal Papers Published by the Faculty

- A.Jaya Laxmi, “Power quality enhancement using ORNN based DSTATCOM with Multilevel Inverter”, IOSR journal of Electrical and Electronics Engineering, e-ISSN:2278-1676, p-ISSN:2320-3331, Volume 16, Issue % Ser.II September 2021, pp 21-37.
- A.Jaya Laxmi, "Machine learning based intentional islanding algorithm for DER'S IN Disaster Management", IEEE Access, Vol:09 in 2021.
- Narri Yadaiah, Analytical tuning rules for Reduced-order Active Disturbance Rejection Control with FOPDT models through Multi-Objective optimization and multi-criteria decision-making, ISA Transactions, ISBN No.ISSN: 0019-0578, Vol No:114, Issue No:1, pp:370-398,Elsevier, doi: 0.1016/j.isatra.2020.12.035 in August 2021.
- Mujahid Irfan. Md,Sushama. M, Chandrasekhar. P,Shriram S. Rangarajan, E. Randolph Collins and Tomonobu Senjyu , Online Learning-Based ANN Controller for a Grid-Interactive Solar PV System, Applied Sciences SCI Journal, Impact factor: 2.679 ISSN: 2076-3417 in September 2021.
- S.Tara Kalyani,, “Analysis and Design of Controller for Doubly-Fed Induction Generator in Wind Energy Application”, International Journal of Innovative Technology and Exploring Engineering (IJITEE)

ISSN: 2278-3075 (Online), pp:12-18, Volume:10 Issue:9 in July 2021.

Conference Papers Presented by the Faculty

- S.Tara Kalyani, "Validation of SRFPI Control Methodology for Voltage Sag Compensation with a Dynamic Voltage Restorer to improve Power Quality." International Conference on Sustainable Energy and Future Electric Transportation (SEFET), pp:1-6. IEEE in 2021.
- S.Tara Kalyani, "Dynamic Stability Analysis of SMIB System with PSS and LQR optimal control", IEEE conference on Innovative Practices in Technology and Management (ICIPTM-2021), India, pp:83-88 in 2021.

Students' Achievements

Prizes/Awards for outstanding performance in Academic/Any Other Activities

- Garikapati A Lumbini Roll Number 19015A0208 B.Tech IV year student Secured second position in National Cultural event Srujana Tech Fest in 2021.
- Yeturi Venkatesh Roll Number 18011A0257 B.Tech IV year student in Academics cracked GATE EE-2021 in 2021.
- Arhab Ahmed Roll Number 18011A0263 B.Tech IV year student won Silver medal in football (4×100 relay-Silver).
- Roshini Maram Roll Number 19011A0224 B.Tech III year student selected as a GDSC Lead for JNTUHCEH for the year 2021-22.
- Roshini Maram Roll Number 19011A0224 B.Tech III year student was recognized as the best content writer in startups like Webud, Yir.
- Roshini Maram Roll Number 19011A0224 B.Tech III year student has been recognized as the best voiceover for an advertisement of a brand named LAST BAG.

Forthcoming Events

- The Department of Electrical and Electronics Engineering will be organizing an International Conference on "Innovations in Engineering and Technology (ICIET)" from 15th-17th September 2022 JNTUHCEH.

Department of Centre for Energy Studies

JNTUH CEH Placements

- P.Bala Krishna, Roll. No. 20011D1006 was placed in Mindtree, Hyderabad.

Department of Electronics and Communication Engineering

Details of Conferences/Workshops/FDPs Organized by the Faculty

- Dr.K.Anitha Sheela Professor and Head, co-chaired a Technical Committee for All India Seminar on "Technological Advancements in Healthcare Challenges: Role of Medical Image Processing" organized by Electronics & Telecommunication Engineering Division, IEEE & IEI from 16th-17th September 2021 with 100 Participants.

- Dr.K.Anitha Sheela Professor and Head organized a One Week Short Term Course on "Covid-19 analysis with Deep Learning" sponsored by AICTE at HRDC, JNTUH as a Course Coordinator from 08th-15th November 2021.



One Week Short Term Course on "Covid-19 Analysis with Deep Learning"

Details of Webinars/Conferences/Seminars/ Workshops /FDPs Attended by the Faculty

- Mr.A.Shraavan Kumar, Asst. Prof. (C) attended a One Week Short Term Course on "Artificial Intelligence and Machine learning" organized by UGC HRDC, JNTUH from 28th June 2021 to 03rd July 2021.
- Mr.Ch.Alekya Asst. Prof. (C) attended a Five Day Train the Trainee Program on "Internet of Things" from 22nd-26th November 2021 organized by IEEE and CAS Chapter and IEEE Educational Activities/Skill Connect.



A Five Day 'Train the Trainee' Program on 'Internet of Things' from 22nd-26th November 2021.

Keynote Address/Invited Talks/Expert Lectures Delivered by the Faculty

- Dr.K.Anitha Sheela, Professor and Head, delivered a Guest Lecture in Short Term Course on "Pattern Recognition in Deep Learning" organized by Vaagdevi College of Engg&Tech., Hyderabad held during 17th-19th December 2021.
- Dr.K.Anitha Sheela, Professor and Head, delivered a Guest Lecture on AICTE sponsored One Week Short Term Course on Deep Learning in "Pattern Recognition and Neural Network" organized by HRDC held from 30th August 2021 to 06th September 2021.
- Dr.K.Anitha Sheela, Professor and Head, delivered a Guest lecture in One Week FDP on Artificial Intelligence and Machine Learning using Python on "Pattern Recognition in Deep Learning" organized by ECE Department, Osmania University and E&ICT

Academy NIT Warangal, Hyderabad, held during 13th-18th December 2021. Coordinator Dr.L.Nirmala Devi.



A One Week FDP on Python on "Pattern Recognition in Deep Learning" held from 13th-18th December 2021.

- Dr.L.Pratap Reddy, Professor, delivered a Guest Lecture on "Computer Vision / Artificial Intelligence" organized by ECE Department of Vasavi College of Engineering and Technology, Hyderabad on 23th September 2021.
- Dr.T.Satya Savithri, Professor, delivered a Guest Lecture on "Digital Image Processing" organized by ECE Department of Vasavi College of Engineering and Technology, Hyderabad on 29th September 2021.
- Dr.T.Satya Savithri, Professor, delivered a Guest Lecturer in Attal Programme on "Digital Image Processing" organized by Kakatiya University, Warangal from 06th-07th July 2021.

Expert Talks/Guest Lectures Organized for UG/PG Students by the Department

- ECE Department conducted "A Hands on Training Programme on VLSI Back End Tools" by Tech Labs for Faculty & PG students on 04th October 2021.
- ECE Department conducted "A Skill Connect IoT Programme" sponsored by IEEE Hyderabad Section during 22nd-26th November 2021.
- ECE Department conducted an Orientation Programme for B.Tech I Semester Students and Parents on 01st December 2021.
- ECE Department conducted "A Free & Open Source Programme" organized by JNTUHUCEH on 15th December 2021.



Board of Studies Meeting held from 26th to 27th October 2021 in ECE Department.

- ECE Department conducted the Board of Studies Meeting during 26th-27th October 2021 to frame R-21 regulations and the syllabi of UG and PG programs.
- ECE Department conducted "A IEEE Membership Development Programme" by IEEE Student Branch on 27th December 2021.

Faculty Achievements

Journal Papers Published by the Faculty

- Chevella Anil kumar, Kancharla Anitha Sheela "Building of Indian Accent Telugu and English Language TTS Voice Model Using Festival Framework" Publication Easy Chair Issue no.6622, on 16th September 2021.
- P.Sudhakar, K.Anitha Sheela, M.Satyanarayana Optimisation of Cloud Seeding Criteria Using a Suite of Ground-Based Instruments Published in Springer, Singapore Pg. no.373-377 in 2021.
- S.Jaya, M.Madhavi Latha, "Image Processing for Knowledge Management and Effective Information Extraction for Improved Cervical Cancer Diagnosis" Published in Data Science and Innovations for Intelligent Systems Publisher CRC Press on 30th September 2021.
- S.Jaya, M.Madhavi Latha, "An Analysis of Pattern Recognition and Machine Learning Approaches on Medical Images, Journal in Applications of Artificial Intelligence for Smart Technology", Publisher IGI Global in 2021.
- S.Jaya, M.Madhavi Latha, "5 G Image Processing for" Journal in Data Science and Innovations for Intelligent Systems: Computational Excellence and Society 5.0, Publisher CRC Press on 30th September 2021.
- P. S.Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled "Mel Frequency Cepstral Coefficients based Bacterial Foraging Optimization with DNN-RBF for Speaker Recognition", published in Indian Journal of Science and Technology, Web of Science , Volume-14, Issue-41, page no.3082-3092, eISSN: 0974-5645, ISSN:0974-6846 in December 2021.
- Bharti Panjwani, Vijander Singh, Asha Rani, Vijay Mohan, "Optimizing Drug Schedule for Cell-Cycle Specific Cancer Chemotherapy" Published in Soft Computing: Theories and Applications book, Publisher name Springer, Singapore Pg.no.71-81 in 2021.
- Anju Prabha, Jyoti Yadav, Asha Rani, Vijander Singh, "Design of intelligent diabetes mellitus detection system using hybrid feature selection based XGBoost classifier" Journal in Computers in Biology and Medicine, Publisher name Pergamon,, Volume 136 on 01st September 2021.
- Manish Kumar, Bhavnes Kumar, Asha Rani, "Neuro-fuzzy based estimation of rotor flux for Electric Vehicle operating under partial loading",

Journal of Intelligent & Fuzzy Systems, Publisher IOS Press Page no. 01-21 in 2021.

- Anju Prabha, Jyoti Yadav, Asha Rani, Vijander Singh “Respiratory Effort Signal Based Sleep Apnea Detection System Using Improved Random Forest Classifier” Publisher Taylor & Francis, on 25th November 2021.
- Sandhya Gudise, Giri Babu Kande, T Satya Savithri, “MR Brain Image Segmentation to Detect White Matter, Gray Matter, and Cerebro Spinal Fluid Using TLBO Algorithm”, Journal in International Journal of Image and Graphics, Vol.21, Issue no.03, Published in World Scientific Publishing Company on 21st July 2021.
- G.Sandhya, Giri Babu Kande, T.Satya Savithri, “Segmentation of WM, GM, and CSF from the Brain MRIs Using an Advanced Metaheuristic Approach” IETE Journal of Research Published in Taylor & Francis on 10th July 2021.

Conference Papers Presented by the Faculty

- B.Sucharitha, K.Anitha Sheela, B.Sucharitha, “Hybrid Compression Method for Hyper Spectral Images using 3-Way SVD Tensor Decomposition and Discrete Wavelet Transform” 2021 IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT), Pg no. 103-108 on 13th November 2021.
- D. Mohan, K. Anitha Sheela, P.Sudhakar “COVID-19 Social Distancing with Speech-Enabled Online Market Place for Farmers” International Conference on Sustainable Expert Systems, ICSES 2020, 513-525
- Modalavalasa Hari Krishna, M.Madhavi Latha, “Complexity and Performance Evaluation of Segmented and Recursive Reinforcement Learning” Presented at 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON), PP: 1-7 on 24th September 2021.

Students’ Achievements

Research Papers Published

- M.Tech I year SSP student Ms.Gurram Susmitha published a Paper titled “3D-MIMO with Massive Antennas in 5G Technology” in Volume: 8, Issue: 3 in 2021 in an International Research Journal of Engineering and Technology.

Research Papers Presented

- Marikundam Harshitha Roll No. 19011A0425 B.Tech III yr student presented a paper Climatology of Lightning Activities across the Equatorial African Region for the U.R.S.I Conference.
- Marikundam Harshitha Roll No. 19011A0425 B.Tech III year student presented a paper Long Term Variability in Lightning Occurrences over the Congo Basin Africa for the NSSS Conference.

Any Other Achievements by Students

- Nitish Gadangi B.Tech IV yr IDP student Roll.No. 17011U0403 was Part of MLH Fellowship (Batch 1) which is an open-source internship program powered by Facebook and GitHub. Only 144 student developers are selected out of 30,000+ applications worldwide, of which 23 were from India.
- Kistamgari Nikitha Reddy IV yr IDP student Roll No.17011P0406 participated in Walmart Codeher Challenge 2021 in Dare 2 Compete and short listed in the contest and won Rs.25, 000 cash prize.

JNTUH CEH Placements

- Total No. of B.Tech IV Year Regular and IDP (UG) Students placed-68. No. of organizations offered Placements - 22.
- Highest Salary offered by Pega Systems with 10.7 lakhs per annum.
- Total No. of M.Tech II Year (PG) Students placed-04. No. of organization offered Placements - 03.
- Highest Salary offered by L&T Tech with 6.3 lakhs per annum.

Forthcoming Events

- Inauguration of Semi-Anechoic Chamber Lab is scheduled on 21st February 2022 by Honourable Vice-Chancellor Prof Katta Narsimha Reddy Garu.
- Short Term Course ‘Train the Trainer’ Program on “Applied Python Programming” for faculty of various Departments in JNTUH CEH, Hyderabad from 21st 26th February 2022.
- Dr.K.Anitha Sheela, Professor and Head will be organizing an International Conference on Innovation in Engineering and Technology (ICICT-2022) during 15th-17th September 2022.

Department of Computer Science and Engineering

Faculty Achievements

Awards

- Dr.A.Govardhan, Professor and Rector, JNTUH received “INDIA's Exceptional Educators” Award from National Council for Teacher Education for the year 2021.

Journal Papers Published by the Faculty

- Dr.A.Govardhan, Professor, published a paper titled “Imperative Dynamics Routing between Capsules Network for Malaria Classification” in Computers, Materials & Continua Tech Science Press (CMC) in 2021.
- Dr.A.Govardhan, Professor, published a paper titled “Design, Analysis and Implementation of a Two-factor Authentication Scheme using Graphical Password” in International Journal of Computer Network and Information Security in 2021.
- Dr.K.P.Supreethi, Professor, published a paper titled “Full Direction Local Neighbors Pattern (FDLNP) A Novel Method for Multimedia Image Retrieval System using Ensemble Classifiers on Distributed Framework” in International Journal of Advanced Computer Science and Applications in 2021.

- Dr.K.P.Supreethi, Professor, published a paper titled “Student Course Prediction using Deep Learning Techniques” in International Research Journal of Engineering and Technology (IRJET) in 2021.
- Dr.K.P.Supreethi, Professor, published a paper titled “Facial Recognition and Attendance System using Dlib and Face Recognition Libraries” in International Research Journal of Modernization in Engineering Technology and Science in 2021.

Students’ Achievements Clubs and Activities

Name of the Scheme	Organising Unit/ Agency/ Collaborating Agency	Name of the activity
Granthalaya	Aasya Foundation	Providing Library at Orphanage Homes
Food For COVID Patients	Aasya Foundation	Food Distribution to COVID Patients and Family

Any Other Achievements by Students

Year	Number of Students enrolling into higher education	Programme graduated from	Department graduated from	Name of Institution joined	Name of Programme admitted to
2021	2	B.Tech	CSE	University of Massachusetts Amherst University of Southern California	MS
2021	1	B.Tech	CSE	NIT Warangal	M.Tech

Sports News

Year	Name of the award/ Medal	National/ International	Sports	Student ID Number	Name of the student
2021	Gold Medal	National	59th Roller Skating National Championship held in Mohali Chandigarh Won Gold in CoupleDance	20011A0511	ELuri Krishna Sai Rahul
2021	First Position	Inter College Level	Cricket	19011A0539	Rupika Rachel Merritt
2021	First Position	Inter College Level	Sparx cricket tournament	20011P0507	Durgam Shashi Kumar
2021	First Position	Inter College Level	cricket	21015A0521	Cheganti Saiteja
2021	Second Position	Inter College Level	Chess position:2 nd	20015A0526	Saya boina Raju
2021	First Position	Inter College Level	In jntuh College Vilas Tournament 1st position in throwball	19011A0519	Kanneboina Mmanosah

2021	Runner	Inter College Level	Local basketball tournaments	20011A0556	Mr. Mohtas him Ali
2021	Winner	Inter College Level	Chess	20011P0513	Marrip eli Srija
2021	Runner	Inter College Level	Volleyball	20011P0521 Team	T. Vagdevi

Department of Metallurgical Engineering Details of Webinars/Conferences/Seminars/ Workshops /FDPs Attended by the Faculty

- Smt.P.Pavani, Asst.Prof.(C) attended an Online “Faculty Induction Programme” organized by UGC-HRDC, JNTUH from 28th July 2021 to 04th August 2021.

Faculty Achievements New Appointments and Promotions

- Dr.B.Ramesh Chandra, Assoc. Prof. of Metallurgical Engineering is posted as HOD of Metallurgical Engineering Department, JNTUHUCEH.

Students’ Achievements

- ‘SMRUTHI 2021’ an memorial sports events organized by students of Metallurgical Engineering Department in the name of Late. M.Swathi (07011A0630) on 10th December 2021.





SMRUTHI 2021' an Memorial Sports Events held on 10th December 2021.

- Dr.L.Rama Krishna, Scientist-F, ARCI delivered a talk on "Life Extension of Aerospace Components through ARCI Technologies" through online mode for B.Tech. Metallurgical Engineering 3/4 students on 22nd September 2021 organized by ARCI.
- 4th year B.Tech. Metallurgical Engineering students attended an "On-line Technical Orientation Programme" organized by DMRL Scientists from 22nd September to 12th October 2021.
- B.Tech. (II, III & IV years) Metallurgical Engineering Students during 15th-16th December 2021 attended at Public Exhibition at MIDHANI Plant.



Metallurgical Engineering Students visited MIDHANI plant during 15th-16th December 2021.

- Industrial Visit to BHEL by 3rd year B.Tech. Metallurgical Engineering Students on 27th December 2021.



Industrial Visit to BHEL by 3rd year B.Tech. Metallurgical Engineering Students on 27th December 2021.

Department of Chemical Engineering
New Infrastructure Development in the
Dept/College

S. No.	Date	Details of Infrastructure setup (creation of new labs, new facilities etc.)	Quantity	Unit Cost	Total cost for the Setup (Rs. In lakhs)
1	26.10 2021	Lab Tables (Creation of new facilities in labs)	6	Rs. 7,500/-	Rs. 45,000/-
2	27.10. 2021	Class room Dualdesks (Creation of New Class room)	80	Rs. 5,893/-	Rs. 4,71,366/-
Total Amount				Rs. 5,16,366/-	

Details of Webinars/Conferences/Seminars/ Workshops/FDPs Attended by the Faculty

- Mrs.P.Sowmya, Asst. Prof. (C) attended Thirty Day online program on “Faculty induction program” organized by UGC, HRDC, JNTUH from 28th June 2021 to 04th August 2021.
- Mrs.P.Sowmya, Asst. Prof. (C) attended Five Day online FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi from 04th-08th October 2021.

Expert Talks/Guest Lectures Organized for UG/PG Students by the Department

- Dr.B.Venu Babu from University of Saskatchewan, Saskatoon, Canada conducted a Webinar on “Career Opportunities in Chemical Engineering: Current Trends” (on-line mode) on 27th November 2021. This Webinar was organized by Dr.T.Bala Narsaiah, Professor & Head of the Dept.

Dr.B.Venu Babu from University of Saskatchewan, Saskatoon, Canada conducted a Webinar on “Career Opportunities in Chemical Engineering: Current Trends” (on-line mode), on 27th November 2021.

- J.Siddhardha Kumar, Regional Director, Central Ground Water Board, Ministry of Jal Shakti, Govt. of India, Southern Region, Hyderabad conducted an

Interaction Program on “Aquifer Mapping and Ground Water Management” on 20th December 2021.



J.Siddhardha Kumar, Regional Director, Central Ground Water Board, Ministry of Jal Shakti, Govt. of India, Southern Region, Hyderabad conducted an Interaction Program on “Aquifer Mapping and Ground Water Management” on 20th December 2021.

Faculty Achievements

Journal Papers Published by the Faculty

- Mrs.P.Sowmya, Asst. Prof. (C) published as an article titled “Escalation of pure and NI²⁺ dazed neurotransmitter Na₂So₄ crystals and its categorization”, Int. J.Mazedan chemical research journal,e-Issn:2582-9505, Volume no: 2, Issue no: 11 on 03rd November 2021.
- Mrs.P.Sowmya, Asst. Prof. (C) published as an article titled “Synthesis, optical and Bacterial Activity of ZnO nanoparticles”, Int. J.Recent Advances in Scientific Research and Technology. ISBN 978-981-18-1263-7, Page No: 214-218, in 2021.

New Appointments and Promotions

- Dr.T.Bala Narsaiah (on deputation) Professor of Chemical Engg., is posted as HoD of Chemical Engineering Department, JNTUH CEH.

Students’ Achievements

Prizes/Awards for Outstanding Performance in Academic/Any Other Activities

S. No.	Name of the Student	Roll No	Year of Study	Name of the Compita tion	Name of the Prize/ Award	Date & Venue
1	B. Ani tha	1901 1A0 810	II & III B.Tech	Volley Ball	1st Place, Win ners	GVK/ Conducted by Civil dept. JNTUH UCEH & 03.11. 2021
2	B. Sindhuja	1901 1A0 813				
3	S. Supriya	1901 1A0 848				

4	V. Subha Sree Navya (Captain)	1901 1A0 853				
5	M. Sheranya	2001 1A0 826				
6	Sk. Nahen	2001 1A0 843				
7	B. Anitha	1901 1A0 810	II & III B.Tech	Volley Ball	Run ners	Vilas' 22/ Conducted by EEE dept. JNTUHU CEH & 24.11. 2021
8	B. Sindhuja	1901 1A0 813				
9	S. Supriya	1901 1A0 848				
10	V. Subha Sree Navya (Captain)	1901 1A0 853				
11	M. Sheranya	2001 1A0 826				
12	Sk. Naheen	2001 1A0 843				
13	M. Deepika	1801 1A0 814	II, III & IV B.Tech	Cricket	Run ners	Vilas'22/ Conducted by EEE dept. JNTUHU CEH & 26.11. 2021
14	I. Keerthana	1801 1A0 822				
15	K. Bhargavi	1801 1A0 832				
16	B. Lohitha	1901 1A0 808				
17	B. Anitha	1901 1A0 810				
18	B. Sindhuja	1901 1A0 813				
19	S. Supriya (Captain)	1901 1A0 848				
20	V. Subha Sree Navya	1901 1A0 853				
21	Asiya Anjum	2011 A08 03				
22	G. Pojitha	2001 1A0 813				
23	Sk. Naheen	2001 1A0 843				
24	P.A. Rozer Sammule	2001 1A0 831				

Research Papers Published

- Shivani Sutrave (18011A0850), Yekkaluri Snehasree Reddy (18011A0858), K. John Steven Wesley

(18011A0825)1, P N Nikitha Bharathi (18011A0842) IV B.Tech., published an article title is "E-Waste: effects, management and disposal" International Journal of Scientific Research in Engineering and Management (IJSREM), Volume no: 5, Issue no: 2582-3930, page range: 9 Nos on 10th October 2021.

Research Papers Presented

- P.N.Nikitha Bharathi IV B. Tech. (Roll No.18011A0842) is adjudged as the best presentation (3rd prize) in Technical Session 2A. during SCHEMCON 2021 annual congress on "E-Waste and its Harmful effects on Environment" organized by MANIT and IISER Bhopal from 22nd-23rd October 2021.

Placement Details 2021

S. No.	Roll No.	Name of the Student	Name of the Organization	Package	Appointment Month/ Year
1	18011 A0808	Boga Sampath	WIPRO-ELITE	3.5 LPA	December 2021
2	18011 A0809	Budde Dharani	TCS	3.5 LPA	December 2021
3	18011 A0810	Bugga Sravani	WIPRO-TURBO	5.5 LPA	November 2021
4	18011 A0823	Jatothu Majilal	WIPRO-ELITE	3.5 LPA	December 2021
5	18011 A0828	Khatravath Hreethika Rathode	WIPRO-ELITE	3.5 LPA	December 2021
6	18011 A0832	Kuthuru Bhargavi	WIPRO-ELITE	3.5 LPA	December 2021
7	18011 A0833	Lingutla Prudhvi Teja	WIPRO-ELITE	3.5 LPA	December 2021
8	18011 A0837	MD Habeeb Ur Rahman	WIPRO-ELITE	3.5 LPA	December 2021
9	18011 A0847	Pulla Kalyani	WIPRO-ELITE	3.5 LPA	December 2021
10	18011 A0849	Rayala Megana	WIPRO-TURBO	5.5 LPA	November 2021
11	18011 A0852	T. Jessy Spoorthy	WIPRO-ELITE	3.5 LPA	December 2021
PASSED OUT STUDENTS					
12	17011 A0804	Kanuganti Akshaya	TCS	3.36 LPA	September 2021
13	17011 A0809	Mekala Kalyan Kumar	Aragen Life Sciences	3.4 LPA	September 2021
14	17011 A0815	Sripada Madhumitha	Aragen Life Sciences	3.4 LPA	September 2021
15	17011 A0817	B. Mahesh Krishna	Akash	6.7 LPA	September 2021
16	17011 A0818	BonulaMihi ra Ramana	Accenture	4.5 LPA	September 2021
17	17011 A0823	Samudrala Pavithra	Infosys	3.36 LPA	September 2021
18	17011 A0839	Soma Sriharshini	Aragen Life Sciences	3.4 LPA	September 2021
19	17011 A0841	Duda Supriya	Infosys	3.36 LPA	September 2021

Department of Mathematics

Details of Webinars/Conferences/Seminars/Workshops/FDPs Attended by the Faculty

- Dr. B. Shankar Goud, Asst. Prof. (C) attended a One Month “Faculty Induction Program” organized by JNTUH from 28th June 2021 to 04th August 2021

Faculty Achievements

Journal Papers Published by the Faculty

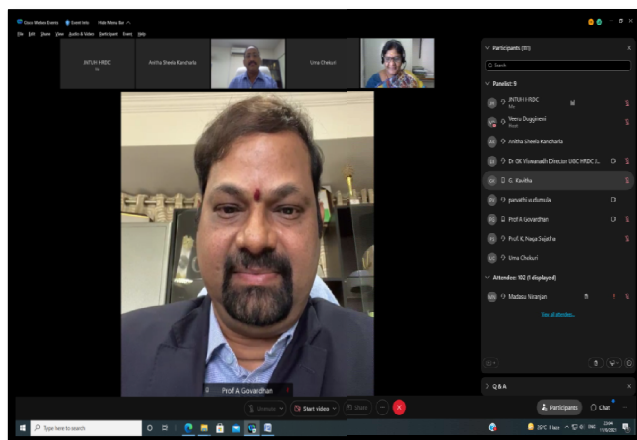
- Prof.M.A.Srinivas, "Heat and Mass Transfer Effects of Peristaltic Motion of a Jeffery Fluid In a Tube", Thermal science, Page No: 185-192, Volume No: 25 in November 2021.
- Dr.B.Ravindra Reddy, "Velocity slip, chemical reaction, and suction/ injection effects on two-dimensional unsteady MHD mass transfer flow over a stretching surface in the presence of thermal radiation and viscous dissipation", Heat Transfer WILEY, Page No:1982-2002 in October 2021
- Dr.B. Ravindra Reddy, "Hopf bifurcation analysis and stochastic influence of a cancer therapy model", International Journal of Ecological economics and statistics, ISSN:0973-1385, Volume No: 42, Issue No: 1 in 2021.
- Shankar Goud Bejawada, Yanala Dharmendar Reddy, Kanti Sandeep Kumar, Epuri Ranjith Kumar “Numerical Solution of Natural Convection on a Vertical Stretching Surface with Suction and Blowing”, International Journal of Heat and Technology, 39(5), 2021, pp. 1469-1474. <https://doi.org/10.18280/ijht.390508>.
- B.Shankar Goud, Dharmendar Reddy Yanala, Anil Kumar Mella, “Radiation and heat absorption effects on an unsteady MHD boundary layer flow along an accelerated infinite vertical plate with ramped plate temperature in the existence of slip condition”, Partial Differential Equations in Applied Mathematics, Available online 9 October 2021, 100166. <https://doi.org/10.1016/j.padiff.2021.100166>
- B.Shankar Goud, Mahantesh M.Nandeppanavar “Ohmic heating and chemical reaction effect on MHD flow of micropolar fluid past a stretching surface”, Partial Differential Equations in Applied Mathematics 4(2021)100104.<https://doi.org/10.1016/j.padiff.2021.100104>.
- B. Shankar Goud and Dharmendar Reddy Yanala, “Finite element Soret Dufour effects on an unsteady MHD heat and mass transfer flow past an accelerated inclined vertical plate”, Heat Transfer. 2021, 50(8), pp.8553–8578. DOI: 10.1002/htj.22290.
- Dharmendar Reddy Yanala, Anil Kumar Mella, Srinivasa Rao Vempati, B. Shankar Goud: Influence of slip condition on transient laminar flow over an infinite vertical plate with ramped temperature in the presence of chemical reaction and thermal radiation, Heat Transfer, 2021,50(8),2021, pp. 7654-7671,<https://doi.org/10.1002/htj.22247>.

- P.Mangathai, B.Shankar Goud, Dharmendar Reddy Yanala: Soret and heat source effects on MHD convection flow past an infinite vertical plate embedded in porous medium in presence of viscous, Joules dissipation and chemical reaction”, Turkish Journal of Computer and Mathematics Education Vol.12 No. 11 (2021), 2392- 2403.
- Shankar Goud Bejawada, Zafar Hayat Khan, Muhammad Hamid “Heat Generation/absorption on MHD flow of a micropolar fluid over a heated stretching surface in the presence of the boundary parameter”, Heat Transfer.50(6) 2021; pp. 6129-6147, DOI: 10.1002/htj.22165.
- B.Shankar Goud, Mohammed Fareeduddin, and Pudhari Srilath “Boundary layer and heat transfer Williamson fluid flow over a stretching sheet with Newtonian heating”, Turkish Journal of Computer and Mathematics Education Vol.12 No.10 (2021), 1275- 1280.
- M. Anil Kumar, Y. Dharmendar Reddy, V. Srinivasa Rao, B. Shankar Goud “ Thermal radiation impact on MHD heat transfer natural convective nano fluid flow over an impulsively started vertical plate”, Case Studies in Thermal Engineering 24 (2021) 100826, <https://doi.org/10.1016/j.csite.2020.100826>
- P.Megaraju, "Hall current, chemical reaction, and radiation results on transient magnetohydrodynamic flow past an inclined plate: FEM", HEAT Transfer - wiley, Page No: 1-24, in October 2021.

Department of Humanities & Social Sciences

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

- Dr.Parvathi.V, Professor & Head, organized an online Short Term Training Programme on “Teaching English” held at UGC HRDC, JNTUH, Hyderabad during 08th-15th November 2021.



Dr. A. Govardhan, Rector, JNTUH addressing the participants during the Inaugural Session of Online Short Term Training Programme on “Teaching English” held from 08th to 15th November 2021. Dr.Parvathi.V, Professor & Head, H&SS is the Coordinator of STTP.

- Dr.Parvathi.V, Professor&Head, organized a Six Day National online Short Terms Course on “Soft Skills and Professional Ethics” held at UGC HRDC, JNTUH, Hyderabad from 25th-30th October 2021.



Honourable Vice-Chancellor Prof. Katta Narasimha Reddy presenting a Memo to Dr.Parvathi.V, Professor&Head, Coordinator, during the Inaugural Session. Dr.G.K. Vishwanth, Director ,UGC-HRDC, Dr. K.Naga Sujatha, Dy.Director, UGC-HRDC, Dr. C.V. Krishna Reddy, Director, Nalla Narsimha Reddy College were present.

Details of Conferences/Seminars/Workshops/ FDPs Attended by the Faculty English

- Dr.Balraj Kemmasaram, Asst.Prof. (C) participated in Seven Day online FDP on “English Language Education(ELE): Teaching, Resources and Evaluation” jointly organized by the Department of H&SS, Vasavi College of Engineering (Autonomous) Hyderabad and Dept. of English, Osmania University from 20th-26th October 2021.
- Dr.Balraj Kemmasaram, Asst.Prof. (C) participated in One Day National Webinar on “Emerging Trends in Language, Literature and culture” organized by Dept. of English and Internal Quality Assurance Cell (IQAC) Chhatrapati Shivaji College, Satara (Autonomous) on 13th December 2021.
- Dr.Balraj Kemmasaram, Asst.Prof. (C) participated in a One Week FDP on “Literary Theory and Criticism” organized (online) by Dept. of English under UGC STRIDE component-I (Research and Capacity Building) from 23rd-28th August 2021.
- Dr.Balraj Kemmasaram, Asst.Prof. (C) participated in the ELT summit 2021, a virtual International Conference Organized by the International Society for Educational Leadership (ISEL) & MIT Art Design & Technology University from 10th-11th July 2021.

Management Studies

- Mr. Md. Anjum Pasha, Asst. Prof. (C) participated AICTE Training and Learning (ATAL) Academy online Elementary FDP on “Organizational Behaviour” organized by Mahatma Gandhi University from 04th-08th October 2021.

Keynote Address/Invited Talks/Expert Lectures delivered by the Faculty

- Dr.Parvathi. V, Professor & Head delivered a talk on “Teaching English through Language Laboratories (CALL) on 11th November 2021 sponsored by AICTE in an online Short Term Training Programme on Teaching English at UGC-HRDC, JNTUH from 08th-15th November 2021.
- Dr.Parvathi. V, Professor & Head delivered a talk on “Communication in Classroom” on 11th November 2021 sponsored by AICTE in an online Short Term Training Programme on Teaching English at UGC-HRDC, JNTUH from 08th-15th November 2021 on behalf of Prof. Shreesh Chaudhary.
- Dr. NVSN Lakshmi, Assistant Professor delivered a talk on “How Languages are Learnt and Neutralizing Mother Tongue Interference” on 0^{9th} November 2021 from 10.00 am to 1.15 pm organized by AICTE Short Term Training Programme on Teaching English, UGC HRDC, JNTUH, from 0^{8th}-1^{5th} November 2021.
- Dr. NVSN Lakshmi, Assistant Professor delivered a talk on “Language Learning Strategies and Multiple Intelligences on 25th October 2021 during Online FDP on “English Language Education (ELE), Teaching, Resources and Evaluation’ organized by Vasavi College of Engineering and Osmania University from 20th-26th October 2021.
- Dr. NVSN Lakshmi, Assistant Professor as a Resource Person completed the Recruitment Training for Aviation English Trainers and Aviation English Language Experts (Raters-2) organized by Aviation English Language Training Organization/ Testing Service Provider, Airports Authority of India, HTC, Hyderabad from 28th-31st October 2021.
- Dr. NVSN Lakshmi, Assistant Professor delivered a talk on ‘Oral and Professional Communication’ during the Short Term Course on ‘Soft Skills and Professional Ethics’ organized by UGC HRDC from 25th-30th October 2021.

Students’ Achievements

- Mr.R.Akhil Kumar, MBA Student got selected in State Bank of India as a Probationary Officer in SBI in 2021.

Entrepreneurship Development Cell

- Entrepreneurship Development Cell (EDC) of the University was established in 2002 with support from the Department of Science and Technology (DST), Govt. of India. The Cell is recognized as one of best performing EDCs in India sanctioned by DST. The Government of India identified ‘Entrepreneurship as one of the principal mechanisms for the mitigation of Unemployment and Under-employment amongst Science & Technology graduates in the country today. In EDC, special emphasis has been laid on Entrepreneurship and Self-Employment, keeping in view the present mandate of Trained Manpower that graduates out of Technical Institutions.

- EDC conducts various programs to foster the Entrepreneurial spirit amongst the technically qualified Graduates & Post-Graduates from the Faculty of Science, Engineering & Technology and Pharmacy. This is carried out by conducting Entrepreneurship Awareness Camps (EACs), which can be both general and technically-specific in nature, over 3-Day duration.
- An extended version of the EACs is the Entrepreneurship Development Programs (EDPs) which runs for a duration of 2 to 4 weeks. The aim of both the programs is to apprise the participants about the various Entrepreneurial opportunities that are existent and the support they can derive from EDC and all the agencies/ organizations which work with us. Participants of the EDPs are usually counseled and a follow-up mechanism is in place to track their progress in their respective projects.
- As part of the 'Train-the-Trainer' concept, to further infuse the spirit of Entrepreneurship amongst the students of Science & Technology, EDC also has been conducting Faculty Development Programs (FDPs) for the benefit of the Faculty of the various Private Engineering Colleges under the purview of JNTUH. Participation is also invited from all over the country. The FDPs is for a duration of 2-weeks, training to the Faculty who in turn help promote the cause of Entrepreneurship in the Institutions where they are employed.
- Entrepreneurship Development Cell, JNTUH, organized more than hundred on-campus and off-campus programs to promote Entrepreneurship as a career-choice amongst Technically-Qualified Graduates and also for Faculty Members of Engineering/ Polytechnic Institutions to promote Entrepreneurship in their respective Institutes. A total of more than 13,600 participants from various streams of Science, Engineering/Technology & Management, and 24 Faculty Members of JNTUH participated in the programs.

List of Programs Conducted by EDC Cell JNTUH for the year- 2021

S. No.	Programme Name	Chief Sponser	Conducted at	Programme duration	No. of Participants
1	Online Awareness program for gaming, Animation VFX Computer vision & AI Startups by Software Technology Park of India	STPI	JNTUH UCEH Hyderabad	24 th November 2021	150
				Total	150



Dr.M.Indira Rani, Professor & Coordinator, EDC, JNTUH delivered a Keynote Address on VFX Computer Vision & AI Startups on 24th November 2021.



JNTUHUCEH Students participated in Tree Plantation Program in Spandana Block held on 12th August 2021.

JNTUH University College of Engineering Jagtial



JNTUHCEJ Academic Block



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A.Govardhan, Registrar, Dr.M.Manzoor Hussain, Principal JNTUHCEJ, Dr.N.V.Ramana participated in the Inauguration of Boys & Girls Hostels at JNTUHCEJ held on 07th July 2021.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Rector Dr. A.Govardhan, Registrar, Dr.M.Manzoor Hussain, Principal JNTUHCEJ, Dr.N.V.Ramana participated in the Tree Plantation as a part of Harithaharam at JNTUHCEJ held on 7th July 2021.

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

- Dr.NV Ramana organized a One Day National Level online Workshop on “Outcome Based Education” on 29th September 2021.
- Dr.K.Srinivas organized a One Day National Level online Workshop on “Innovations in Electrical and Electronics Engineering” on 23rd November 2021.
- Dr.Dhiraj Sunehra organized a One Day National Level online Training Cum Demonstration of IOT Development Board (using Arduino & Raspberry Pi) (Training is organized for postgraduate students and Faculty of ECE Department) at JNTUHCEJ Jagtial (FN) on 07th October 2021.
- Dr.Dhiraj Sunehra organized a One Day National Level Hands on Training and Demonstration of Optical Communications Lab Experimental Kits (Training is organized for Faculty of ECE

Department) at JNTUHCEJ Jagtial (AN) on 07th October 2021.

- Dr.Dhiraj Sunehra organized a Two Day National Level online Training Programme on “Cadence VLSI Tools” at JNTUHCEJ Jagtial (AN) from 04th-05th October 2021.
- Dr.P.Sammulal, Professor, organized a One Week National Level online Short term course on “Robotics and its Applications” with UGC funds, organized at UGC,HRDC from 22nd-27th October 2021 with 26 participants.
- Dr.B.Sateesh Kumar, Professor, organized a One Week National Level online Short term course on “Advanced Machine Learning Algorithms” with AICET funds, organized at UGC, HRDC from 20th-25th September 2021 with 235 participants.
- Dr.B.Kranthi Kiran, Assoc.Prof. organized a Two Week National Level online Refresher course on “Artificial Intelligence and Machine Learning” with UGC funds, organized at UGC, HRDC from 13th-25th September 2021 with 62 participants.

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

- Dr.K.Srinivas, attended a One Day National Level Workshop on “Outcome Based Education” at JNTUH CEJ on 29th September 2021.
- Sri.S.Jagadish Kumar attended a One Day National Level Workshop on “Outcome Based Education” at JNTUH CEJ on 29th September 2021.
- Smt. VB Shanilin attended a One Day National Level Workshop on “Outcome Based Education” at JNTUH CEJ on 29th September 2021.
- Smt. P.Sangeetha attended a One Day National Level Workshop on “Outcome Based Education” at JNTUH CEJ on 29th September 2021.
- Sri.C.Radha Charan attended a One Day National Level Workshop on “Outcome Based Education” at JNTUH CEJ on 29th September 2021.
- Dr.NV Ramana, attended a One Day National Level online Workshop on “Innovations in Electrical and Electronics Engineering” at JNTUH CEJ on 23rd November 2021.
- Sri S.Jagadish Kumar attended a One Day National Level online Workshop on “Innovations in Electrical and Electronics Engineering” at JNTUH CEJ on 23rd November 2021.
- Smt. VB Shanilin attended a One Day National Level online Workshop on “Innovations in Electrical and Electronics Engineering” at JNTUH CEJ on 23rd November 2021.
- Smt. P.Sangeetha attended a One Day National Level online Workshop on “Innovations in Electrical and Electronics Engineering” at JNTUH CEJ on 23rd November 2021.
- Sri.C.Radha Charan, attended a Two Week National level workshop on “AI Techniques - Electrical

Engineering” at UGC HRDC JNTUH from 22nd November to 04th December 2021.

- Sri.C.Radha Charan attended a One Week National Level workshop on “Techno - Economic Assessment of Flexibility Competency in Deregulated Power System (TEAFCDPS-2021)” organized by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 20th- 24th October 2021.
- Sri.C.Radha Charan attended a One Week National level Workshop on “Artificial Intelligence for Electrical Engineering” organized by Rajaramnagar, RIT-IEEE Students branch from 04th -08th October 2021.
- Dr.B.Sateesh Kumar, Professor attended a Two Month National level online program on “Artificial Intelligence with Machine Learning in Java by TASK” from 04th October to 06th December 2021.
- Dr.B.Sateesh Kumar, Professor attended a Six Day National level program on “Multi-Technology” organized by Anatha Lakshmi Institute of Technology and Sciences from 28th June to 03rd July 2021.
- Dr.B.Sateesh Kumar, Professor attended a One Day National level program on “NPTEL Awareness E-Workshop” organized by Sanjay Ghodawat University, Kolhapur on 15th December 2021.
- Dr.B.Sateesh Kumar, Professor attended a One Week National level FDP on “Multi Technology” organized by Rao Bahadur Y Mahabaleswarappa Engineering College from 28th June to 03rd July 2021.
- Mr. O. Raju, Assist. Prof. (C) attended a Five Week Four Day National level Online “Faculty Induction Programme” organized by JNTUH HRDC from 28th June to 04th August 2021.
- Mr.Thudum Venkatesh, Assist. Prof. (C) attended a Five Day National level Online Elementary FDP on “Artificial Intelligence Impacts on Telemedicine” organized by ATAL Academy from 02nd-06th August 2021.
- Mr.G.Sravan Kumar, Assist. Prof. (C) attended a Five Week Four Day National level Online “Faculty Induction Programme by JNTUH HRDC from 28th June to 04th August 2021.

Keynote Address/ Invited Talks/Expert Lectures Delivered by the Faculty

- Sri C.Radha Charan delivered a talk on “An overview of Solar PV System Software AICTE-ISTE Induction /Refresher Program” at Poornima College of Engineering, Jaipur.

Faculty Achievements

Awards

- Sri.C.Radha Charan, received a Syed Sajid Ali National Award for outstanding Research work in the field of Renewable Energy by National Indian Society for Technical Education, New Delhi Indian Society for Technical Education, Shaheed Jeet Singh Marg, Near Katwaria Sarai, New Delhi on 05th October 2021.

- Dr.S.Viswanadha Raju, Professor, received a National Award of SPOC for SWAYAM-NPTEL Local Chapter by SWAYAM-NPTEL in 2021.
- Dr.S.Viswanadha Raju, Professor, received a International Scientist Award on Engineering, Science and Medicine by VDGGOOD Plaform in 2021.

Journal Papers Reviewd by the Faculty

- Dr.B.Sateesh Kumar, Professor, reviewd a paper “Computer Vision, High Performance Computing, Smart Devices and Networks Conference Papers” in 2nd International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2021) in 2021.
- Dr.B.Sateesh Kumar, Professor, reviewd a paper “Information Management & Machine Intelligence Conference Papers” in 3rd International Conference on Information Management & Machine Intelligence (ICIMMI-2021) in 2021.

Journal Papers Published by the Faculty

- Dr.K.Srinivas, Asst. Prof., published a paper on “Adaptive Hysteresis Band Controller Based Back-Propagation Algorithm for Power Quality Improvement Using Dstatcom Design Engineering” ISSN:0011-9342, Pages:1339-1355, Issue:8 in 2021.
- Mrs.P.Sangeetha published a paper on “MPPT for PV system using improved incremental conductance method Design Engineering, ISSN:0011-9342, Pages:13133-13145, Issue:8 in 2021.
- Mrs.P.Sangeetha published a paper on “FLC Based Quasi-Z-source Topology Using Dc -Dc Converter with Synchronous Rectification Design Engineering” ISSN: 0011-9343, Pages: 157-175, Issue:9 in Sepetmber 2021.
- Mr.C. Radhacharan published a paper on “Modeling and Simulation of a V2g/G2v Electric Vehicle Charging Station Design Engineering” ISSN: 0011-9344, Pages: 14084-14094, Issue: 8 in 2021.
- Mr.C.Radhacharan published a paper on “Design and Evaluation of PSO based Maximum Power Point Tracking Algorithm for Standalone PV SystemDesign Engineering” Toronto ISSN: 0011-9342, Pages: 14075-14083, Issue:8 in November 2021.
- Mr.C.Radhacharan published a paper on “Modeling and Simulation of a V2g/G2v Electric Vehicle Charging Station Design Engineering” Toronto ISSN: 0011-9342, Pages:14084-14094, Issue:8 in November 2021.
- Mr.C.Radhacharan published a paper on “Simulation Analysis of MPPT Controller for Solar Photovoltaic System using ANFIS Technique Design Engineering” Toronto ISSN: 0011-9342, Pages:187-202, Issue:9 in December 2021.
- Mr.C. Radhacharan published a paper on “Harmonic Reduction and Improvement of Reliability for Grid Connected PV System using High Level Inverter

Design Engineering” Toronto ISSN: 0011-9342, Pages:2296-2303, Issue:9 in December 2021.

- Dr.P.Sammulal published a paper on “A Survey on RDF data management in Cloud using DilpoCloud” in The International Journal of analyticsl and experimental model analysis in October 2021.
- Dr.P.Sammulal published a paper on “DDoS prediction using semi-supervised machine learning” in the International Journal of analyticsl and experimental model analysis in September 2021.
- Dr.P.Sammulal published a paper on “Survey on semi-supervised machine learning approach for DDOS detection” in The International Journal of analyticsl and experimental model analysis in September 2021.
- Dr.P.Sammulal published a paper on “Classification of land cover images using modified water wave Optimization-based hybrid classifier” in the International Journal of Computers and Applications in November 2021.
- Dr.P.Sammulal published a paper on “A survey on mining frequent Itemsets on Big Data under distributed mapreduce environment” in The International Journal of analyticsl and experimental model analysis in September 2021.
- Dr.B.Sateesh Kumar, Professor published a Paper on “Machine Learning Techniques for Routing, Localization and QoS For Future Wireless Sensor Networks” in the International Journal of Advanced Research in Computer Science, Pages: 15-18, Vol:12, Issue No: 6 in November-December 2021.
- Dr.B.Sateesh Kumar, Professor published a Paper on “Malware Detection Approaches and Analysis for the Internet of Medical Things Enabled Health Care Systems” in the International Journal of Advanced Trends in Computer Science and Engineering, Page No. 3117-3121, Vol.10 Issue No. 6 in November-December 2021.
- Dr.B.Sateesh Kumar, Professor published a Paper on “A survey on enabling identity based integrity auditing and data sharing with sensitive information hiding for secure cloud storage” in the International Journal of analytics and experimental model anlaysis in September 2021.
- Sri. M. Uday Kumar, Assoc. Prof. published a Paper on “A Survey ANN technique with feature selection for network intrusion detection” in the International Journal of analytics and experimental model analysis in September 2021.
- Sri. M. Uday Kumar, Assoc. Prof. published a Paper on “ANN Technique with feature selection for network intrusion detection in the International Journal of analytics and experimental model analysis in September 2021.
- Sri. M. Uday Kumar, Assoc. Prof. published a Paper on “Spam email detection with machine learning optimized with Bioinspired metaheuristic algorithms” in the International Journal of analyticsl and

experimental model analysis in September 2021.

- Sri. M. Uday Kumar, Assoc. Prof. published a Paper on “A survey on spam email detection with machine learning optimized with bioinspired metaheuristic algorithms” in the International Journal of analyticsl and experimental model analysis in September 2021.
- Sri. M. Uday Kumar, Assoc. Prof. published a Paper on “Survey on security assurance access control plan in cloud administration” in the International Journal of analyticsl and experimental model analysis in September 2021.
- Dr.B.Kranthi Kiran, Assoc. Prof. published a Paper on “Indian Music Classification using Neural Network based Dragonfly Algorithm” in Journal of Computational Mechanics, Power System and Control, Pages: 33-42, Vol:4, Issue No: 3, in July 2021.
- Dr.B.Kranthi Kiran, Assoc. Prof. published a Paper on “Data Mining in Health Care: A Survey Focused on Covid-19” in AutAut Research Journal, Page No: 192-204, Vol:XII, Issue No: XII, in December 2021.
- Dr.B.Kranthi Kiran, Assoc. Prof. published a Paper on “A Secure Aware SDLC with Hybrid Model of Artificial Neural Network -Firefly Optimization Algorithm for Estimating Security in Medical Software” in the Journal of Future Generation Communication and Networking, Pages: 2977-2994, Vol:14, Issue No: 1 in 2021.

Conference Papers Presented by Faculty Members

- Adaptive Hysteresis Band Controller Based Back-Propagation Algorithm For Power Quality Improvement Using Dstatcom Rachakonda Saikiran (19JJ1D0701) EEE Design Engineering September, 2021, ISSN: 0011-9342, Year 2021, Issue: 8, Pages: 1339- 1355.
<http://www.thedesignengineering.com/http://www.thedesignengineering.com/index.php/DE/article/view/5027>
- Detection and Classification of Transmission Line Faults using Discrete Wavelet Transforms in the presence of STATCOM Dasari Rushmitha (19JJ1D0702) EEE Design Engineering October 2021, ISSN: 0011-9342, Year 2021, Issue: 8, Pages : 4366-4380.
<http://www.thedesignengineering.com/https://www.thedesignengineering.com/index.php/DE/article/view/5397>
- Power Quality Improvement by Using Discrete Wavelet Transform Based DSTATCOM Dandaveni Komalatha (19JJ1D0708) EEE Design Engineering November, 2021, ISSN: 0011-9342, Year 2021, Issue: 9, Pages: 2282- 2295.
<http://www.thedesignengineering.com/http://www.thedesignengineering.com/index.php/DE/article/view/7181>
- Simulation Analysis of MPPT Controller for Solar Photovoltaic System using ANFIS Technique

Sandeep Ramineni (19JJ1D0712) EEE Design Engineering, September 2021, ISSN: 0011-9342, Year 2021, Issue: 9, Pages: 187– 202.

<http://www.thedesignengineering.com/http://www.thedesignengineering.com/index.php/DE/article/view/6914>

- MPPT for PV System Using Improved Incremental Conductance MethodB. Santhosh Kumar (19JJ1D0706) EEE Design Engineering, August 2021, ISSN: 0011-9342, Year 2021, Issue: 8, Pages: 13133-13145.

<http://www.thedesignengineering.com/http://thedesigengineering.com/index.php/DE/article/view/6429> YES.

- Modelling and Simulation of a V2g/G2vElectric Vehicle Charging Station Toom Nithin Chandra (19JJ1D0705) EEE Design Engineering, August 2021, ISSN: 0011-9342, Year 2021, Issue: 8, Pages: 14084-14094.

<http://www.thedesignengineering.com/https://thedesigengineering.com/index.php/DE/article/view/6515> YES.

Details of Patents/Copyrights Filed/Awarded

- Dr.S.Suresh Kumar Granted Patent Application No. 2021106681 A Model For Event Time Extraction and Its Application To Temporal Question Answering System on 15th December 2021.
- Dr.S.Suresh Kumar, Published Patent Application No. 202141009468A A Method of Extractive Text Summarization For Telugu With Improved on 05th July 2021.

New Appointments and Promotions

- Dr.B.Sateesh Kumar, Professor was appointed as Subject Expert for BoS, Dept. of CSE-AI&ML, Srinivas Institute of Engineering and Technology, Amalapuram.

Students' Achievements

Any other Achievements by the Students

S. No.	Name of the Dept/ Centre	Name of the Student	Exam Qualified	Rank Secured	Registration number
1	ECE	Kowshika Katukuri	GATE	5334	EC21S4 7401025
2		Samala Tharun	GATE	7965	EC21S4 7409095
3		Kadiven Di Hruthik	GATE	3540	EC21S4 7427004
4		Sai Sreshthavure	GRE	NIL	9577616
5		Sandeep Gadadasu	GRE	NIL	9480419
6		Akkapelli Sai Shashank	IELET	NIL	153479
7		Kowshika katukuri	GATE	5334	EC21S4 7401025
8	ECE	Samala Tharun	GATE	7965	EC21S4 7409095
9	ECE	Kadiven di Hruthik	GATE	3540	EC21S4 7427004
10		Sai Sreshthavure	GRE	NIL	9577616
11		Sandeep Gadadasu	GRE	NIL	9480419

NSS/NCC Activities

S. No.	Title of the Activity	Date of Actvity	Organi sing Unit/ Agency /Collab orating agency	Palce	Name (s) of Fa culty In charge	No. of partici pants (Stude nts,Sta ff)
1	Awareness programme on COVID-19 and Distribut ion of Masks & Sanitizers	30-06-2021	JNTU H UCEJ	Dabbu Thim maiah pally Village	S.Praveen Kumar NSS Prog ram officer	13
2	Awareness programme on COVID-19 and Distribution of Masks & Sanitizers	30-06-2021	JNTU H UCEJ	Ramsa gar Village		13
3	Awareness programme on COVID-19 and Distribution of Masks & Sanitizers	30-06-2021	JNTU H UCEJ	Himm athrao pet village		13
4	Telangana Ku Haritha Haram	07-07-2021	JNTU H UCEJ	JNTU HCEJ		20
5	Awareness programme on COVID-19 and Distribution of Masks & Sanitizers	08-07-2021	JNTU H UCEJ	Nachu pally Village		13
6	Awareness programme on COVID-19 and Distribution of Masks & Sanitizers	15-08-2021	JNTU H UCEJ	JNTU HCEJ		60
7	COVID-19 Free Vaccination Camp association with PHC, Kodimial	18-09-2021	JNTU H UCEJ	JNTU HCEJ Health Cen tre		78 Vaccin ated (33 girls,4 5 boys) 20 Volunt eers
8	COVID-19 - 2 nd Free Vacc ination Camp association with PHC, Kodimial	30-09-2021	JNTU H UCEJ	JNTU HCEJ Health Cen tre	Sri S.Praveen Kumar NSS Program officer	80 Vaccin ated (47 girls,3 3 boys) 20 Volunt eers
9	Bathukamma Festival Celebrations	07-10-2021	JNTU H UCEJ	JNTU HCEJ		80
10	COVID-19 - 3 rd Free Vaccination Camp association with PHC, Kodimial	01-11-2021	JNTU H UCEJ	JNTU HCEJ Health Cen tre		47 Vaccin ated (23 girls, 24 boys) 20 Volunt eers

JNTUH University College of Engineering Sultanpur



JNTUHCEJ College of Engineering, Sultanpur

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

- Dr.M.Shailaja, Professor of ME and Dr.P.Sammulal, Professor of CSE organized a One Week online Short Term Course on “Robotics and its Applications” sponsored by UGC-Human Resource Development Centre, JNTUH Hyderabad from 22nd-27th November 2021.
- DR.B.V.Ram Naresh Yadav, Assoc. Prof.of CSE organized a Two Week online Refresher course on “Internet of Things” at UGC-HRDC, JNTUH Hyderabad from 09th-24 August 2021.
- DR.B.V.Ram Naresh Yadav, Assoc. Prof. of CSE organized a Two Week online Refresher course on “AI & Machine Learning” at UGC-HRDC, JNTUH, Hyderabad from 13th-25th September 2021.

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

- Sri.K.Prabhu, Asst. Prof. (C) attended online Faculty Induction Program conducted by JNTU Hyderabad from 28th June to 04th August 2021.
- Sri.Devisingh, Asst. Prof. (C) attended online Faculty Induction Program conducted by JNTU Hyderabad, from 28th June to 04th August 2021.
- Sri.Devisingh, Asst.Prof. (C) attended Faculty Induction Program conducted by Osmania University Hyderabad from 13th-18th December 2021.
- Sri.M.Dattu Reddy, Asst. Prof. (C) attended online Faculty Induction Program conducted by IIT Kharagpur NPTEL from 26th July to 15th October 2021.
- Smt.Y.Archana, Asst.Prof. (C) attended online Faculty Induction Program from 26th July to 26th September 2021.
- J.Ashok, Asst. Prof. (C) attended online Faculty Induction Programme conducted by Jawaharlal Nehru Technological University Hyderabad.
- A.Manohar, Asst. Prof. (C) attended online FDP on “IC Engines and Gas Turbines” conducted by IIT Madras.
- A.Manohar, Asst. Prof. (C) attended online FDP on “Fundamentals of Automotive Systems” conducted by IIT Madras.

11	Swatchh Bharat – Clean India Programme	11-11-2021	JNTU H UCEJ	JNTU HCEJ Campus	100
12	National Constitution Day	26-11-2021	JNTU H UCEJ	JNTU HCEJ JN Auditorium	90
13	NSS Orientation Programme	07-12-2021	JNTU H UCEJ	JNTU HCEJ JN Auditorium	200
14	COVID-19 - 4 th Free Vaccination Camp association with PHC, Kodimial	08-12-2021	JNTU H UCEJ	JNTU HCEJ Health Centre	126 Vaccinated (52 girls, 74 boys) 20 Volunteers
15	COVID-19 - 5 th Free Vaccination Camp association with PHC, Kodimial	16-12-2021	JNTU H UCEJ	JNTU HCEJ Health Centre (2-5 PM)	42 Vaccinated (15 girls, 27 boys) 20 Volunteers
16	COVID-19 - 6 th Free Vaccination Camp association with PHC, Kodimial	06-01-2022	JNTU H UCEJ	JNTU HCEJ Health Centre (2-5 PM)	40 Vaccinated (14 girls, 26 boys) 08 Volunteers

Placements of UG/PG Students Details

S. No.	Branch/ Specialization	No. of Students Placed	No. of Organizations Offered Placements	Highest Salary Offered/Organization
1	JNTUH UCEJ	152	26	12.5 Lakhs Silicon Labs

Alumni Activities

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

- Mr.Rajeev, President, JNTUHCEJ Alumni Association and Mr.Bharath, Alumni Member have come to our campus to interact with the B.Tech 4th year students on 02nd December 2021.
- Mr.Rajeev, President, JNTUHCEJ Alumni Association and Mr.Bharath, Alumni Member have come to our campus to interact with the B.Tech 3rd and 2nd year students on 03rd December 2021.

- A.Manohar, Asst. Prof. (C) attended online FDP on “Biomechanics of Joints and Orthopaedic Implants” conducted by IIT Madras.
- J.Ashok, Asst.Prof. (C) attended online FDP on “Biomechanics of Joints and Orthopaedic Implants” conducted by IIT Madras.
- A.Manohar, Asst. Prof.(C) attended online FDP on “Fundamentals of Artificial Intelligence” conducted by IIT Madras.
- J.Ashok, Asst.Prof. (C) attended online FDP on “Automation in Manufacturing” conducted by IIT Madras.
- Kaleru Aparna, Asst. Prof. (C) attended ATAL FDP on “Alternative fuels for IC Engines” conducted by University College of Engineering Vinobabhave University Hazaribagh.
- Kaleru Aparna, Asst.Prof. (C) attended ATAL FDP on “Finite Element Methods (with applications to solid Mechanics , heat transfer and fluid mechanics)” conducted by MBM Engineering College and Architecture, Jai Narain Vyas University, Jodhpur.
- Kaleru Aparna, Asst.Prof. (C) attended ATAL FDP on “Engineering Materials, Sensors and Devices and Industry 4.0” conducted by C.V Raman Global University, Bhubaneshwar.
- Dr.J.Sai Chandra, Asst. Prof. (C) attended in online "Faculty Induction Programme" organized by UGC-HRDC, Jawaharlal Nehru Technological University Hyderabad from 28th June to 04th August 2021.
- B.Veesham, Asst. Prof. (C) attended in online "Faculty Induction Programme" organized by UGC-HRDC, Jawaharlal Nehru Technological University Hyderabad from 28th June to 04th August 2021.
- V.Vijayakumar, Asst. Prof. (C) attended in online "Faculty Induction Programme" organized by UGC-HRDC, Jawaharlal Nehru Technological University Hyderabad from 28th June to 04th August 2021.
- Ravichander. T, Asst. Prof. (C) participated in the Two Week online FDP on “Continuing Professional Development: Practising, Researching and Publishing” organised by the Department of Humanities and Sciences, National Institute of Technology, Tiruchirappalli from 12th-23rd July 2021.
- Ravichander. T, Asst. Prof.(C) participated in the National Level Post Theory Workshop organised by the Post Graduate Department of English, Sri C Achutha Menon Government College, Thrissur, Kerala from 28th June to 02nd July 2021.
- Ravichander. T, Asst. Prof. (C) participated in AICTE Training and Learning (ATAL) Academy online Elementary FDP on “National Education Policy “Teachers Role in NEP Implementation” at Indira Gandhi National Open University Regional Centre Panaji from 22nd-26th November 2021.
- Rupasri Pattanayak, Asst. Prof. (C) participated in the Two Week online FDP on “Continuing Professional Development: Practising, Researching and Publishing” organised by the Department of

Humanities and Sciences, National Institute of Technology, Tiruchirappalli from 12th-23rd July 2021.

- Rupasri Pattanayak, Asst. Prof. (C) participated in Five Day AICTE Training and Learning (ATAL) Academy online Elementary FDP on “Effective Team Work” at Indian Institution of Technology Bhubneswar from 26th-30th July 2021.
- Rupasri Pattanayak, Asst. Prof. (C) participated in the National Level Post Theory Workshop organised by the Post Graduate Department of English, Sri C Achutha Menon Government College, Thrissur, Kerala from 28th June to 02nd July 2021.
- Rupasri Pattanayak, Asst. Prof. (C) participated in AICTE Training and Learning (ATAL) Academy online Elementary FDP on “National Education Policy “Teachers Role in NEP Implementation” at Indira Gandhi National Open University Regional Centre Panaji from 22nd-26th November 2021.

Faculty Achievements

Journal Papers Published by the Faculty

- Smt. K. Snehalatha, Asst. Prof. (C) published a paper on “Analysis on a Learned OFDM Receiver based pilot-Aided frame Synchronization by using Probability Neural Networks” Journal of Creative Research Thoughts Vol: 9, No: 9 in September 2021.
- Dr.J.Sai Chandra, Asst. Prof. (C) published a paper on “Benthic Assortment of Heaps from Krishna River Pondugula, Andhra Pradesh” Journal of Hunan University (Natural Sciences) Vol: 48, No: 9 in September 2021.
- Dr.J.Sai Chandra, Asst. Prof. (C) published a paper on “Escalation of Pure and Ni²⁺ Dazed Neurotransmitter Na₂so₄ Crystals and Its Categorization, Mazedan Chemical Research Journal” Vol:2, Issue:11 in November 2021.
- Rupasri Pattanayak, Asst. Prof. (C) published a paper on “The Existential-Crisis of Modern Man in Walker Percy’s Major Novels” in Singularities: A Peer Reviewed International Transdisciplinary Biannual Journal, Vol: 8, Issue: 2, Pages: 45-50 in July 2021.
- K.Madan Mohan, Dr. B. V. Ram Naresh Yadav are published a paper on “An Effective and Efficient Multi-Keyword Ranked Searchable Security using FP-Growth Algorithm” in Journal of Science Technology and Development, ISSN: 0950-0707 Vol: X, Issue No: XI, Pages:128-153 in November 2021.
- S.Hari Krishna, T.Venugopal are published a paper on “Analytical CRM using Soft Computing Techniques: A Study of Implications of Feature Selection” Design Engineering, ISSN: 0011-9342, Issue No: 7, Pages: 5641- 5660 in October 2021.
- Ravindar Mogili, Dr.G.Narsimha are published a paper on “Detection of Cardiac Arrhythmia from ECG Using CNN and XGBoost”, International Journal of Intelligent Engineering and Systems, Vol:15, DOI: 10.22266/ijies2022.0430.38, Issue No:2, Pages: 414-425 in December 2021.

- Ravindar Mogili and Dr.G. Narsimha are published a paper on “Hierarchical Agglomerative Based Iterative Fuzzy Clustering to Impute Missing Values in Health Datasets” Intelligent System Design, Advances in Intelligent Systems and Computing 1171, Pages: 605-613.
- Ravindar Mogili, Dr.G.Narsimha, and Konda Srinivas were published a paper on “Early Prediction of Non-communicable Diseases Using Soft Computing Methodology” Springer Nature Switzerland AG 2020, S. C. Satapathy et al. (Eds.): ICETE 2019, LAIS 3, Pages: 696–703 in August 2020.
- Ravindar Mogili, Dr.G.Narsimha were published a paper on “A Study n ECG Signals for Early Detection of Heart Diseases Using Machine Learning Techniques” Little Lion Scientific, 30th September 2021. ISSN: 1992-8645, E-ISSN: 1817-3195, Vol: 99, Issue No: 18, Pages: 4412-4424 in September 2021.
- Dr.G.Narsimha published a paper on “An Automated Framework for Enterprise Financial Data Pre-processing and Secure Storage” in International Journal of Advanced Computer Science and Applications, 2021, 12(7), Pages: 802–812.
- Rajashekar Deva, Dr. G. Narsimha were published a paper on “Methods and Developments in Machine Learning Approach “in Journal of Information and Computational Science, Volume: 11, Issue: 1, ISSN: 1548-7741 in 2021.
- Rajashekar Deva, Dr.G.Narsimha were published a paper on “EPFSED: An Enhanced Pipeline Feature Selection Algorithm for Erythematous Squamous Disease Detection” published in Design Engineering, ISSN: 0011-9342, Issue no: 7, Pages: 631-646 in 2021.

Details of Patents/Copyrights Filed/Awarded

- Dr.J.Sai Chandra, Asst. Prof. (C) Filed on 15/11/2021, Secure Demand Side Management Using Machine Learning And Internet of Things, Canadian Patent No. 1188171, Canadian Copyright Patent, Canada Patent office in 2021.
- Dr.J.Sai Chandra, Asst. Prof. (C) Published on 10/12/2021, Nanomaterial’s Composition for Drug Delivery and Method Thereof, Indian Patent No.202141056776 A, Govt. of India in 2021.
- Dr.J.Sai Chandra, Asst. Prof. (C) Published on 29/10/2021, Magnetically Controllable Nan Particle Drug Delivery System for Therapeutic Agents, Indian Patent No. 202141048084 A, Govt. of India in 2021.
- B.Sangeetha, Asst. Prof. (C) 15/10/2021, IOT based on wireless sensors in agriculture and farming. Application No: 202141045598A. Patent Application Publication, 07/10/2021, the patent office journal no 42/2021 dated 15/10/2021.

Any Other Achievements by the Staff

- Dr M.Shailaja, Professor of Mechanical Engineering,

JNTUHCEH received a Certificate of Appreciation from NPTEL-SWAYAM, IIT Madras, for instrumental role as SPOC for JAN-DEC 2021 SEMESTER.

- Ravichander.T, Asst. Prof. (C) completed Post-Graduate Diploma in Communicative English from The University of Hyderabad with a First Class in the Month of July 2021.

NSS/NCC Activities

- Telanganaku Haritha Haram Programme was organized at JNTUH College of Engineering Sultanpur, Prof. Katta Narasimha Reddy, Hon’ble Vice-Chancellor-JNTUH, Prof. Manzoor Hussain, Registrar-JNTUH, Prof. G.N. Srinivas, Principal-JNTUHCES, Prof. K.M. Lakshmana Rao, BICS Director, JNTUH, Prof. G. Narsimha, Vice-Principal JNTUHCES, Prof NS Dileep Kumar, Unit-I NSS Coordinator, and Dr. BV Ram Naresh Yadav, Unit-II NSS Coordinator and other faculty members attended and planted saplings in the campus.



Hon’ble Vice-Chancellor, Katta Narasimha Reddy, JNTUH, Prof. Manzoor Hussain, Registrar, Prof. G.N. Srinivas, Principal-JNTUHCES, Prof. K.M. Lakshmana Rao, BICS Director, Prof. G. Narsimha, Vice-Principal, Prof NS Dileep Kumar, Unit –I NSS Coordinator, and Dr. BV Ramnaresh Yadav, Unit –II NSS Coordinator and other members of the faculty attended and planted saplings in the campus on the occasion of Telanganaku Haritha Haram Programme.

- In the view of Covid-19 pandemic, Prof. G.N. Srinivas, Principal-JNTUHCES, Prof.V. Venkateswar Reddy, Vice-Principal JNTUHCES, Prof. NS Dileep Kumar, NSS Coordinator Unit-I and Dr. BV Ram Naresh Yadav, NSS Coordinator Unit-II JNTUHCES distributed N-95 Masks and sanitizers to the students and staff members of the college.



Prof.G.N. Srinivas, Principal-JNTUHCES, Prof.V. Venkateswar Reddy, Vice-Principal Prof. NS Dileep Kumar, NSS Coordinator Unit-I and Dr. BV Ram Naresh Yadav, NSS Coordinator Unit-II JNTUHCES distributed N-95 Masks and sanitizers to the students and staff members of the college.



Special Covid-19 Vaccination Drive organised by NSS in Association with DM & HO at JNTUH CES on 21.09.2021 for the Staff & Students.



Vaccination for the Staff



Vaccination for the Students

- In the view of Covid-19 pandemic, a Special Covid-19 Vaccination Drive was organised under NSS in Association with DM & HO at JNTUH CES on 21.09.2021 for Staff & Students. It was inaugurated by Prof. G.N. Srinivas, Principal- JNTUHCES and Prof. G. Narsimha, Vice-Principal JNTUHCES, Prof NS Dileep Kumar, Unit –I NSS Coordinator, and Dr. BV Ramnaresh Yadav, Unit –II NSS Coordinator JNTUHCES, HODs of all the departments, Deputy Wardens, Deputy Registrars, Teaching and non-Teaching staff attended the programme. In the programme a total number of 164 (students and staff members) were vaccinated.



Prof.G.N. Srinivas, Principal- JNTUHCES and Prof. G. Narsimha, Vice-Principal, Prof NS Dileep Kumar, Unit –I NSS Coordinator, and Dr. BV Ramnaresh Yadav, Unit –II NSS Coordinator, HODs of all the departments, Deputy Wardens, Teaching and non- Teaching staff participated in the Inaugural program of "Special NSS Awareness Program" held at JNTUHCES on 21st September 2021.

- In the view of NSS Awareness, a Special NSS Awareness camp was organised under NSS in at JNTUH CES on 11th November 2021 for Staff & Students. It was inaugurated by Ramakrishna, Director NSS Directorate, Prof.G.N.Srinivas, Principal- JNTUHCES and Prof. G. Narsimha, Vice-Principal JNTUHCES, Prof Sobha Rani, NSS Coordinator JNTUH Prof NS Dileep Kumar, Unit-I NSS Coordinator, and Dr. BV Ramnaresh Yadav, Unit-II NSS Coordinator JNTUHCES, HODs of all the departments, Deputy Wardens, DRs, Teaching and non- Teaching staff attended the programme. In the programme a total number of 300 students had attended.



Prof.G.N.Srinivas, Principal, Ramakrishna, NSS Director and other Members of the Staff participated in the Inaugural program of "Special NSS Awareness Program" at JNTUHCES held on 11th November 2021.

JNTUH Placements

- The Training and placement cell provides all possible assistance to students to improve their employability skills and get placed in the areas of their proficiency.

The training and Placement cell is committed to organize necessary training programs to up skill the student to bridge the gap if any between industry requirement and academics. The training programs include both online and off line modes to improve their soft skills, aptitude, technical, coding skills.

- Training and placement cell is also collaborated with organizations like TASK, COCUBES and other platforms for providing training and providing employment opportunities for our students. The students are also encouraged to take few IT specific courses and domain courses through MOOCs and other platforms for improving their knowledge to get placed in both IT and respective domain areas of students.
- Our students are placed in almost all IT major and core companies including Accenture, Capgemini, Cognizant, Infosys, TCS, Wipro, MTX, Mindtree, Natwest Group, Burohappold, Thoughtworks, IvyComptech, Gerrent LLC, Phenome People and Wiley- mthree. 2021 batch JNTUHCES students bagged 157 offers with average salary of 4 LPA and best package of 10 LPA.

School of Information Technology (SIT)

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

- Dr.K.Santhi Sree attended a One Day Webinar on “AICTE-Student Learning Assessment Project” on 01st September 2021.
- Dr.K.Santhi Sree attended a One Day Webinar on “AICTE-Enriching Engineering Education through Experiential, Collaborative and Social Learning” on 23rd July 2021.
- Dr.K.Santhi Sree attended a One Day Webinar on “AICTE - Qualitative Initiative Scheme” on 02nd July 2021.
- Dr.K.Santhi Sree attended a One Day Webinar on “AICTE-Critical need for Academia Industry Interface, the Industry need through Entrepreneur’s Worldview” on 05th August 2021.
- Dr.K.Santhi Sree attended a One Day Webinar on “AICTE-Towards Academic Excellence in the 21st Century” on 30th September 2021.

Faculty Achievements

Journal Papers Published by the Faculty

- D.Thushara, Dr.K.Santhi Sree publish a paper on “Digital Forensics: Implementation of Hyperledger Fabric Blockchain” in International Journal of All Research Education and Scientific Methods (IJARESM), Vol:9(10), Impact Factor: 7.429, ISSN: 2455-6211 in October 2021.
- Shirisha, Dr.K.Santhi Sree published a paper on “Comparative study and correlative analysis of machine learning and datamining algorithms for better accuracy” in Iterantional journal of scientific and engineering research, Volume: 12, Issue: 8 in August 2021.

- V.Vineela, Dr.K.Santhi Sree published a paper on “Customer Alert Service Using Azure” in the Journal of Emerging Technologies and Innovative Research, Volume:8, Issue: 8 in August 2021.
- M.Shashi Kumar, N.Naveen Kumar published a paper on "A Machine Learning Approach for Driver Drowsiness Detection based on facial expressions” IJAEMA-Volume: 13, Issue: 09, Pages: 1940-1944 in September 2021. www.IJAEMA.com impact factor 6.3, ISSN 0886-9367.

School of Management Studies



School of Management Studies

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

- Dr.Sindhu, Professor&Director i/c, BOS Chairperson coordinated a One Day Seminar on “Digital Transformation of Business-Opportunities and Challenges for MBA Students” Organized by School of Management Studies, JNTUH on 13th December 2021.

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

- Dr.Sindhu, Professor&Director i/c, BOS Chairperson attended a One Day online Webinar on “Awareness about National Stock exchange- Industry Readiness programme” Organized by Mr.T. Santosh and Mr.G. Vinayak of National Stock Exchange on 01st July 2021.
- Dr.Sindhu, Professor&Director i/c, BOS Chairperson attended a Two Day Webinar on “Data Analytics-an experiential learning” organized by Dr.Nikhil Varma of Sprul Ltd. from 25th -26th November 2021.
- Dr.Sindhu,Professor &Director i/c, BOS Chairperson attended a One Day Webinar on “Data Analytics-an experiential learning” organized by Dr.Nikhil Varma of Sprul Ltd. on 05th December 2021.
- Dr.Sindhu,Professor &Director i/c, BOS Chairperson attended a One Day Webinar on “Data Analytics-an experiential learning” organized by Dr.Nikhil Varma of Sprul Ltd. on 09th December 2021.
- Dr.Sindhu, Professor&Director i/c, BOS Chairperson attended a One Day Webinar on “Agile Technologies” organized by Dr. B.Koti Reddy Consultant on 17th December 2021.

- Dr.Sindhu, Professor&Director i/c, BOS Chairperson attended a Three Day National Webinar Series on “Technologies transforming Global Supply Chain” organized by School of Management Studies, HCU, Hyderabad from 10th-12th September 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. attended a One Day online Workshop on “AICTE Quality Initiatives and funding opportunities” organized at UGC HRDC Auditorium, JNTUH on 29th October 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. participated in JNTUH-NASSCOM MOU Exchange and orientation on NASSCOM future skills prime programme UGC HRDC, Auditorium, Organized by UIIC-JNTUH on 20th November 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. attended a Five Day online FDP on “Leveraging Design thinking for innovation Sponsored by AICTE, New Delhi, Organized by ATAL and International Management Institute Kolkata from 12th-16th July 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. attended a Five Day online FDP on “Foundation of Data Science and its application” Sponsored by AICTE, New Delhi, Organized by ATAL and Indira Gandhi Delhi Technical University for Women from 26th-30th July 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. attended a Five Day online FDP on “Data Analytics: tools and Techniques” Sponsored by AICTE, New Delhi Organized by ATAL and Indian Institute of Information Technology and Management, Gwalior, India from 20th-24th September 2021.
 - Mrs.A.Santosh Kumari, Asst.Prof. attended AICTE Sponsored Five Day online FDP on “Application of Econometrics for Management Research” ATAL and University of Hyderabad India from 08th-12th October 2021.
 - Sri.M.Naveen Kumar, Asst. Prof. (C) attended a One Week online Workshop on “Soft Skills and Professional Ethics” organized by UGC-HRDC, JNTUH from 25th-30th October 2021.
 - Dr.Ramesh, Asst.Prof. (C) attended a One Week online Workshop on “Soft Skills and Professional Ethics” organized by UGC-HRDC, JNTUH from 25th-30th October 2021.
- Keynote Address / Invited Talks/Expert Lectures Delivered by the Faculty**
- Dr.Sindhu, Professor&Director i/c, BOS Chairperson delivered a talk on “Team Building and Negotiation Skills” organized by EXCITE 2021: a Six Week product Engineering workshop held at JNTUH Innovation Hub (JHUB) held on 01st July 2021 through virtual mode.
 - Dr.Sindhu, Professor&Director i/c, BOS Chairperson was the Chief Guest for the Inaugural Session of “Re-Crafting Strategies for Post Covid-19 Business Turbulence” organized by St. Martin's Engineering College, Dhulapally, Secunderabad on 23rd July 2021.
 - Dr.Sindhu, Professor&Director i/c, BOS Chairperson Contemporary Issues in Finance Teaching and Research on in the UGC refresher course on “Revisiting, Reimagining, Re-skilling and Rejuvenating: Commerce & Management Teaching UGC HRDC, Hyderabad Central University (HCU) on 27th September 2021 (held from 20th September 2021 to 03rd October 2021)
 - Dr.Sindhu, Professor&Director i/c, BOS Chairperson was the speaker in the Panel discussion of Finance Conclave organized by VJIM, Hyderabad on 13th November 2021 held on online mode.
 - Mrs.A.Santosh Kumari, Asst. Prof. Invites as Resource Person and delivered a session on “Understanding Work Planning and Its Management: for the Faculty Induction Programme” at UGC HRDC, JNTUH on 27th November 2021 (held from 25.10.2021 to 01.12.2021)
 - Mrs.A.Santosh Kumari, Asst. Prof. Chaired a Session on the topic “Orientation on dynamic Status of Faculty Members and enrolled Students in the Institution: Coping Mechanism with work Strategy of inter and Intra University Co-Ordination” for the Faculty Induction Programme-7, at UGC HRDC, JNTUH on 27th November 2021 (from 25.10.2021 to 01.11.2021)
 - Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on “Orientation on Work planning and Management and Understating Faculty and Students Dynamics in Higher Education on in Faculty Induction Programme-6” at UGC HRDC, JNTUH on 01st October 2021 (from 30.08.2021 to 01.10.2021)
 - Mrs.A.Santosh Kumari, Asst. Prof. acted as a Resource Person on “Understanding Work dynamics and coping Mechanism with Work Strategy of Inter and Intra University Co-Ordination” on Through WebEx for an Faculty Induction Programme, at UGC HRDC, JNTUH on 01st October 2021 (from 30.08.2021 to 08.10.2021)
 - Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on: Effective Class rooms, use of humor in Teaching, Balancing Firmness and Friendliness on 08th September 2021 through WebEx during Faculty Induction Programme-6, at UGC HRDC, JNTUH
 - Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on the topic “Mentoring Individuals Students and Student Group- Skills and Strategies in FIP-. At UGC HRDC, JNTUH on 08th September 2021 (during 30.08.2021 to 08.10.2021)
 - Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on “Understanding the Work Planning and Management” in an Faculty Induction Programme-5, at UGC HRDC, JNTUH on 07th August 2021 (during 12.07.2021 to 18.08.2021 at.2.00 Pm. To 3.15 Pm.)
 - Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on the topic Understanding dynamic Status of Faculty Members and Enrolled Students in The Institutions Coping Mechanism with Work on Faculty Induction Programme-5 at UGC HRDC, JNTUH on 07th

August 2021 (during 12.07.2021 to 18.08.2021 at 3.15 Pm. to 5.30 Pm.)

- Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on Work planning and Management and dynamic status of Faculty Members and enrolled students in the Institutions in an online Faculty Induction Programme at UGC HRDC, JNTUH on 28th July 2021 at 2.00 Pm to 3.30 Pm during 28.06.2021 to 04.08.2021
- Mrs.A.Santosh Kumari, Asst. Prof. delivered a talk on the topic “Orientation on coping Mechanism with work strategy of inter and Intra University Co-Ordination” Online Faculty Induction Programme at UGC HRDC, JNTUH on 28th July 2021 during 25.10.2021 to 01.11.2021
- Mrs.A.Santosh Kumari, Asst. Prof. delivered a keynote address on 21st Century Skills for Students on for in an MBA orientation Programme Avanthi Group of Institutions, Guntha Pally, Abdullapurmet Ranga Reddy on 06th December 2021.
- Mrs.A.Santosh Kumari, Asst. Prof. delivered a keynote address on Career Opportunities and Challenge to B.Tech Students College of Engineering, Manthani JNTUM on 14th December 2021.

Meeting Conducted

- Dr.Sindhu, Professor & Director i/c, BOS Chairperson organized a meeting on “Chairperson DRC, Management Studies for Research Review Meeting Ph.D./M.Phil./M.S Research scholars Directorate of Research and Development” Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad on 30th July 2021.
- Dr.Sindhu, Professor & Director i/c, BOS Chairperson organized a meeting on “Chairperson DRC, Management Studies for Research Review Meeting Ph.D./M.Phil./M.S Research scholars Directorate of Research and Development” Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad on 30th December 2021.

Faculty Achievements

Journal Papers Published by the Faculty

- Dr.Sindhu, Professor, Director I/C & Chairperson BoS, a paper on An overview of Investment in Bonds and External Commercial Borrowing co-authored P. Harika in An International Multidisciplinary Half yearly Journal Galaxy Link ISSN No:2319-8508 Volume:X, Issue:I in November 2021 Impact factor 2019-6.571(www.sjifactor.com)
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS, a paper on Leadership Development for Today and Tomorrow in a VUCA Environment co-authored with M.Satya Prakash in Economic Challenger-An International Quarterly Journal ISSN No: 0975-1351 Vol:24, Issue: 93 in October-December 2021.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS, a paper on Management Education- Opportunities and Challenges in e-book Covid-19

Pandemic Challenges in Management Education Published by Association of Management Development Institutions in South Asia (AMDISA) in August 2021.

- Dr.Sindhu, Professor, Director I/C & Chairperson BoS, a paper on The Mediation Effect of Psychological State in determining Employee innovativeness: Test of Job Characteristics Model In Selected Ethiopian Manufacturing Industry co-authored with Tegenu Yae Boset at International Doctoral research and e-Conference 2021 in Contemporary Issues in Management Research held on July 30-31, 2021 organized by USMS, Guru Gobind Singh Indraprastha University, Delhi. The same is published by the Bloomsbury publications.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS, a paper on the effect of job characteristics on employee satisfaction and internal work motivation: Evidence from selected Ethiopian Manufacturing firms by Tagenu Yae Boset and Dr.Sindhu in the International Journal of Business Management & Research (IJBMR) ISSN (online) 2249- 8036, ISSN(print) : 2249-6920, Impact Factor (JCC) (2020) : 89193. Index Copernicus Value (ICV)-2016 63.19. Naas Rating 3.93: Vol:11, Issue: 35, Edition, in June 2021.

Students’ Achievements

NSS/NCC Activities

- Dr.Sindhu, Professor & Director i/c, BOS Chairperson & Mrs.A.Santosh Kumari, Asst. Prof. attended a Telangana Haritha Haram programme organized by SMS, JNTUH in coordination with NSS JNTUH on 31st July 2021 with 50 participants.



Honorable Vice-Chancellor Prof. Katta Narasimha Reddy, Dr.Sindhu, Professor, Director I/C & Chairperson BoS and the other Staff Members and Students participated in Telangana Haritha Haram programme on 31st July 2021.

SMS, JNTUH Placements

MBA-PG Students placed

S. No.	Name of the Organisation	No. of Students Placed	Highest Salary
1	TCS	3	6.9 LPA
2	Rapra	1	5.6 LPA
3	IDFC	5	4.0 LPA

Any other Achievements related to the College/Unit

- National Stock Exchange-Awareness Program by Mr.Vinayak and Mr.Santhosh on 01st July 2021.
- Orientation on Internships by Tata AIA by Mr.Palla Raja Rama Mohan and Team-25th August 2021.
- Measuring the Logistics Costs and Performance for Increasing ROI by Dr.Mohan Kumar on 07th September 2021.
- Ad-Mad Show: Demonstration of Advertisement and Sales Promotion of various products by teams of students on 21st September 2021.
- Poster Presentation on various themes of Training & Development by HR Specialization Students on 17th December 2021.
- Industry Readiness Using Agile Delivery Models by Dr. Koti Reddy Bhavanam on 17th December 2021.

Directorate of Academic & Planning

- 51st and 52nd meetings of the Standing Committee of the Academic Senate were conducted on 05th July 2021.
- 51st and 52nd meetings of the Standing Committee of the Academic Senate were conducted on 20th September 2021.
- Hon'ble Vice-Chancellor along with senior faculty members, JNTUH visited Indian Institute of Technology (IIT), Hyderabad on 13th December 2021 to explore various academic & research collaboration and to interact with the faculty members at IITH.

Board of Studies Meetings

- CSE BOS meeting was conducted on 19th July 2021 to frame the II, III & IV Years Course Structure and Syllabus for the B.Tech. (Computer Science and Business Systems) and B.Tech (Computer Science and Information Technology) courses.
- BOS Chairpersons (Civil, EEE, Mechanical, ECE and CSE) meeting was conducted on 22nd July 2021 to identify the MOOCs courses under SWAYAM for R18 B.Tech. III year & IV years -I & II Semesters for the Academic Year 2021-22.
- BOS Chairpersons (Civil, EEE, Mechanical, ECE and CSE) meeting was conducted on 28th December 2021 to identify the MOOCs courses under SWAYAM for R18 B.Tech. III year & IV years-I & II Semesters for the Academic Year 2021-22.
- BOS Chairpersons (Civil, EEE, Mechanical, ECE and CSE) meeting was conducted on 24th September 2021 to identify the courses and frame the regulations for implementing B.Tech courses in Emerging/ Multidisciplinary Areas with B.Tech. (Hons) degree and B.Tech. Minor degree as specialization in Emerging/ Multidisciplinary Areas from this Academic Year 2021-22.
- CSE BOS meeting was conducted from 22nd-23rd October 2021 to frame the III & IV Years Course Structure and Syllabus for the 8 B.Tech. Courses
- Computer Engineering (Software Engineering)
- CSE (Cyber Security)

- CSE (AI&ML)
- CSE (Data Science)
- CSE (IOT)
- CSE (Networks)
- Computer Science and Business Systems
- Computer Science and Information Technology and Course Structure for B.Tech Honors and B.Tech. Minor programs.
- As per the G.O.Ms No.23 Higher Education (T.E) Dept., dated 20.07.2021 the Government of Telangana sanctioned approval and permission for the establishment of new JNTUH College of Engineering in Rajanna Sircilla District.

The following courses were offered from the Academic Year 2021-22

S. No.	Name of the Course	Permitted Intake for the A.Y. 2021-22
1	B.Tech Civil Engineering	60
2	B.Tech Mechanical Engineering	60
3	B.Tech Electronics and Communication Engineering	60
4	B.Tech Electrical & Electronics Engineering	60
5	B.Tech Computer Science & Engineering	60
6	B.Tech Textile Engineering	20
	Total	320

- New College was established in Sanga Reddy Dist. namely JNTUH University College of Pharmaceutical Sciences Sultanpur from the Academic Year 2021-22 with B. Pharmacy Course intake is 60.
- Submission of the proposal to the State Government for sanction of special grant for an amount of Rs.167.40 Crores (Rupees one hundred and sixty seven crores and forty lakhs only) to the JNTUH University Colleges and its Units during the Golden Jubilee year 2021-22.

Change of Nomenclature of JNTUH Constituent Colleges as JNTUH University Colleges.

The details are given below

S.No.	Existing Name of the College	Renaming of the College
1	JNTUH College of Engineering Hyderabad	JNTUH University College of Engineering Hyderabad.
2	JNTUH College of Engineering Jagtial	JNTUH University College of Engineering Jagtial
3	JNTUH College of Engineering Manthani	JNTUH University College of Engineering Manthani
4	JNTUH College of Engineering Sultanpur	JNTUH University College of Engineering Sultanpur
5	JNTUH College of Engineering Rajanna Sircilla	JNTUH University College of Engineering Rajanna Sircilla
6	JNTUH College of Pharmacy Sultanpur	JNTUH University College of Pharmaceutical Sciences Sultanpur

Extension of Autonomous Status was issued to the following Affiliated Colleges

- Vardhaman College of Engineering.
- Gokaraju Rangaraju Institute of Engineering and Technology
- Vaagdevi College of Engineering
- Malla Reddy College of Engineering and Technology

Fresh Autonomous Status was confirmed to the following Affiliated Colleges

- Hyderabad Institute of Technology and Management.
- KG Reddy College of Engineering & Technology.
- Malla Reddy Institute of Engineering & Technology.
- Mahatma Gandhi Institute of Technology.
- Nalla Narasimha Reddy Education Society's Group of Institutions
- Balaji Institute of Technology & Science.

Resuming of M.Sc courses at JNTUH University College of Engineering Hyderabad

- M.Sc. Mathematics (Applied Mathematics)
- M.Sc. Chemistry (Drugs and Pharmaceuticals)
- M.Sc. Physics

Institute of Science and Technology, JNTUH.

- M.Sc. (Bio-Technology)
- M.Sc (Microbiology)
- M.Sc. (Environmental Science & Technology)
- M.Pharmacy (Pharmaceutical Chemistry)

New /Revised MOUs Signed

S. No.	Name of the Organizations	Purpose	Date of Signature
1	Commissionerate of Technical & General Education Government of Telangana, JNTUH and Coursera, Inc	For offering campus online learning courses	10.07.2021
2	Military College of Electronics and Mechanical Engg. (MCEME), Secunderabad	M. Tech programme in Computer Technology and Aeronautical Engg.	18.10.2021 (Revised MoU)
3	Confederation of Indian Industry, Hyderabad	Joint Activities on Environmental Man agement and Education	22.10.2021 (Revised MoU)
4	NASSCOM IT, ITES	IT sector skills council for skill development	19.10.2021

UGC-HRDC

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

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC JNTUH, Coordinated a Thirty Day National Online “Faculty Induction Programme-5” with UGC funds, organized at UGC-HRDC, JNTUH from 12th July to 18th August 2021 with 44 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. A. Govardhan, Rector, Dr. Mazoor Hussain, Registrar participated in the Inauguration of Faculty Induction Programme-6 held from 12th July to 18th August 2021.

- Dr.G.K. Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC, JNTUH Coordinated a Thirty Day National online “Faculty Induction Programme-6” with UGC funds, organized at UGC-HRDC, JNTUH from 30th August to 08th October 2021 with 45 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Dr.A.Govardhan, Rector, Dr. G.K. Vishwanath participated in the Inauguration of Faculty Induction Programme-6” held from 30th August to 08th October 2021.

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC, JNTUH Coordinated a Thirty Day National online “Faculty Induction Programme-7” with UGC funds, organized at UGC-HRDC, JNTUH from 25th October to 01st December 2021 with 37 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



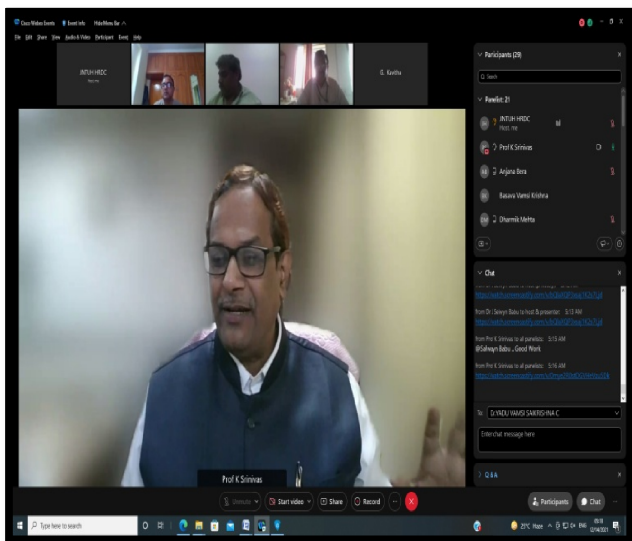
Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. A. Govardhan, Rector, Dr. G.K. Vishwanath, Director, UGC-HRDC, Dr.K.Naga Sujatha, Professor of EEE& Dy. Director, UGC-HRDC, Parvathi. V coordinator, participated in the Inauguration of “Faculty Induction Programme-7” held from 25th October to 01st December 2021.

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC, JNTUH Coordinated a Four Day National online Short Term Course on “Effective Academic Administration for Nonteaching Staff” with UGC funds, organized at UGC-HRDC, JNTUH from 06th-09th December 2021 with 51 participants. Prof. Katta Narasimha Reddy,Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



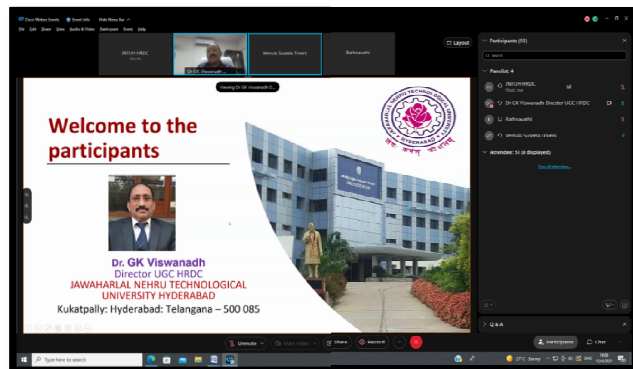
All the Academic Staff participated in Four Day STC on “Effective Academic Administration for Non-teaching Staff” hld during 06th-09th December 2021.

- Dr. G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC, JNTUH Coordinated a Six Day National online Short Term Course on “E-Content Development and Online Pedagogy” with UGC funds, organized at UGC-HRDC, JNTUH during 13th-18th December 2021 with 34 participants.



A Six Day National STC on “E-Content Development and Online Pedagogy” hld during 13th-18th December 2021.

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC, JNTUH Coordinated a One Day National online Workshop on “AICTE Quality Initiatives and Funding Opportunities” with AICTE funds, organized at UGC-HRDC, JNTUH on 29th October 2021 with 204 participants. Prof. Katta Narasimha Reddy,Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A One Day National Workshop on “AICTE Quality Initiatives and Funding Opportunities” held on 29th October 2021.

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC-HRDC JNTUH, Hyderabad Coordinated a Thirty Day National online “Faculty Induction Programme” with JNTUH funds, organized at UGC-HRDC, JNTUH from 28th June to 04th August 2021 with 62 participants. Prof. Katta Narasimha Reddy,Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon’ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. A. Govardhan, Rector, Dr.G.K. Vishwanath, Director,UGC-HRDC, Dr.K.Naga Sujatha, Professor of EEE& Dy. Director, Participated in the Inauguration of “Faculty Induction Programe” held from 28th June to 04th August 2021.

- Dr.M.Sunitha Reddy, Assoc. Prof., Center for Pharmaceutical Sciences IST, JNTUH, Coordinated a Twelve Day National online Refresher Course on “Drug Discovery and Drug Development and Analytical Interpretation of Data in Pharmaceutical Research” with UGC funds, organized at UGC-HRDC, JNTUH from 12th-26th July 2021 with 79 participants. Prof. Katta Narasimha Reddy,Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon’ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Directo, UGC-HRDC participated in the Inauguraton of “Drug Discovery and Drug Development and Analytical Interpretation of Data in Pharmaceutical Research” held during 12th-26th July 2021.

- Dr. B.V. Ram Naresh Yadav, Assoc. Prof., Dept. of CSE, JNTUHUCES, Sultanpur Coordinated a Twelve Day National online Refresher Course on “Internet of Things” with UGC funds, organized at UGC-HRDC, JNTUH from 09th-24th August 2021 with 57 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC in the Inauguration of “Internet of Things” held during 09th-24th August 2021.

- Dr.T.Sreekanth, Professor, Dept. of Physics, JNTUHUCEJ Jagtial Coordinated a Twelve Day National online Refresher Course on “Contemporary Development Trends in Materials Science and Engineering” with UGC funds, organized at UGC-HRDC, JNTUH from 09th-24th August 2021 with 37 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Contemporary Development Trends in Materials Science and Engineering” held during 09th-24th August 2021.

- Dr. B.V. Ram Naresh Yadav, Assoc. Prof., Dept. of CSE, JNTUHUCES, Sultanpur Coordinated a Twelve Day National online Refresher Course on “Refresher Course: Artificial Intelligence & Machine Learning” with UGC funds, organized at UGC-HRDC, JNTUH from 13th-25th September 2021 with 62 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. A. Govardhan, Rector, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inauguration of “Artificial Intelligence & Machine Learning” held during 13th-25th September 2021.

- Dr.B.Kranthi Kiran, Assoc. Prof., Dept. of CSE, JNTUHUCEJ Jagtial coordinated a Twelve Day National online Refresher Course on “Refresher Course: Artificial Intelligence & Machine Learning” with UGC funds, organized at UGC-HRDC, JNTUH from 13th-25th September 2021 with 62 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr.K.Naga Sujatha, Professor of EEE& Dy. Director, UGC-HRDC, JNTUH Coordinated a Six Day National online Short Term Course on “Recent Advances in Renewable Power” with UGC funds, organized at UGC-HRDC, JNTUH from 13th-18th September 2021 with 27 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.

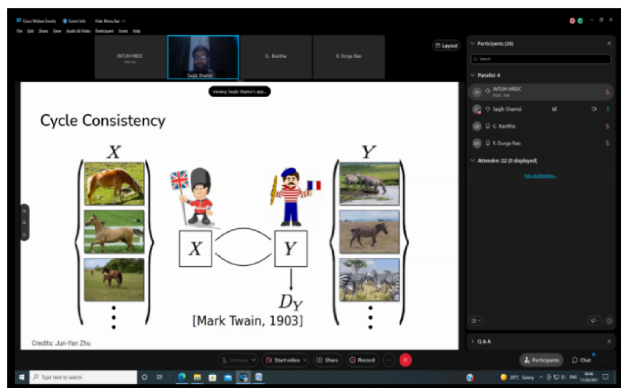


Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Recent Advances in Renewable Power” held during 13th-18th September 2021.

- Dr.D.Kiran Kumar, Asst. Prof. Dept. of EEE, JNTUHCEH, Coordinated a Six Day National online Short Term Course on “Recent Advances in Renewable Power” with UGC funds, organized at UGC-HRDC, JNTUH from 13th-18th September 2021 with 27 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr.K.Naga Sujatha, Professor of EEE& Dy. Director, UGC-HRDC, JNTUH Coordinated a Twelve Day National online Refresher Course on “AI Techniques - Electrical Engineering” with UGC funds, organized at UGC-HRDC, JNTUH from 22nd November to 04th

December 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.

- Dr. R. Durga Rao, Asst. Prof. & Head Dept. of EEE, JNTUHUCEM, Manthani Coordinated a Twelve Day National online Refresher Course on “AI Techniques-Electrical Engineering” with UGC funds, organized at UGC-HRDC, JNTUH from 22nd November to 04th December 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Twelve Day National Refresher Course on “AI Techniques-Electrical Engineering” held from 22nd November to 04th December 2021.

- Dr.J.Ujwala Rekha, Assoc. Prof., Dept. of CSE JNTUHUCEH, Hyderabad Coordinated a Six Day National online Short Term Course on “Cyber Security & Forensics” with UGC funds, organized at UGC-HRDC, JNTUH from 26th-31st July 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K.Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Cyber Security & Forensics” held during 26th-31st July 2021.

- Mrs. E. Hemalatha, Asst. Prof., Dept. of CSE JNTUH CEH, Hyderabad Coordinated a Six Day National online Short Term Course on “Cyber Security & Forensics” with UGC funds, organized at UGC-HRDC, JNTUH from 26th -31st July 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr.Aparna Pasula, Asst. Prof. Dept. of Chemistry JNTUHCEH, Hyderabad coordinated a Six Day

National online Short Term Course on “Modern Methods in Organic Synthesis and Analytical Techniques” with UGC funds, organized at UGC-HRDC, JNTUH from 30th August to 06th September 2021 with 32 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.

- Dr.T.Sabithakala, Asst.Prof. Dept. of Chemistry JNTUHCEH, Hyderabad coordinated a Six Day National online Short Term Course on “Modern Methods in Organic Synthesis and Analytical Techniques” with UGC funds, organized at UGC-HRDC, JNTUH from 30th August to 06th September 2021 with 32 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STC on “Modern Methods in Organic Synthesis and Analytical Techniques” held from 30th August to 06th September 2021.

- Dr.A.Kavitha, Assoc. Prof. & Addl. Controller of Examinations Dept. of CSE, JNTUHCEH, coordinated a Six Day National online Short Term Course on “Deep Learning” with UGC funds, organized at UGC-HRDC, JNTUH from 30th August to 06th September 2021 with 26 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STC on “Deep Learning” held from 30th August to 06th September 2021

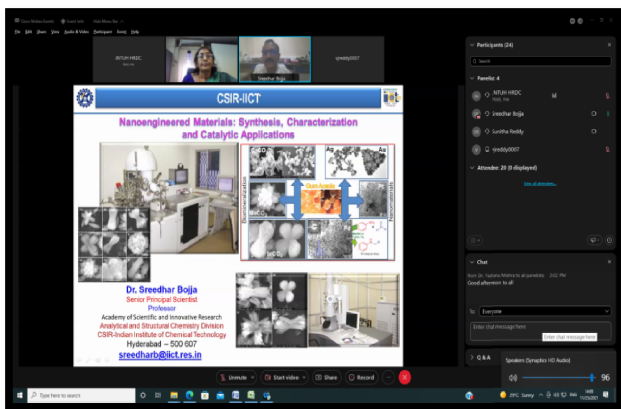
- Dr. S. Suresh Kumar, Asst. Prof. & Head Dept. of IT JNTUHCEJ, Jagtial coordinated a Six Day National online Short Term Course on “Deep Learning” with UGC funds, organized at UGC-HRDC, JNTUH from 30th August to 06th September 2021 with 26 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.

- Dr. V. Parvathi, Professor of English & Head Dept. H & SS JNTUH CEH Coordinated a Six Day National online Short Term Course on “Soft Skills and Professional Ethics” with UGC funds, organized at UGC-HRDC, JNTUH from 25th-30th October 2021 with 34 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC, Dr. Parvathi V, HoD, H&SS and Coordinator participated in the Inaugural Program of “Soft Skills and Professional Ethics” held during 25th -30th October 2021.

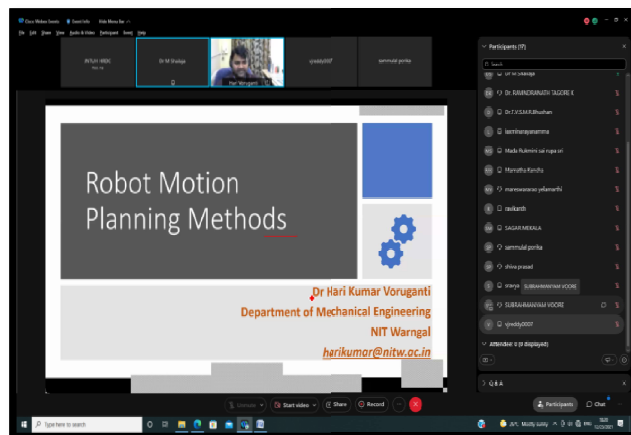
- Dr. M. Sunitha Reddy, Assoc. Prof. & HoD Centre for Pharmaceutical Sciences IST, JNTUH Coordinated a Six Day National online Short Term Course on “Principles, Synthesis and Characterization of Nanotechnology- Current and Future approaches” with UGC funds, organized at UGC-HRDC, JNTUH from 22nd-27th November 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STC on “Principles, Synthesis and Characterization of Nanotechnology- Current and Future Approaches” held during 22nd -27th November 2021.

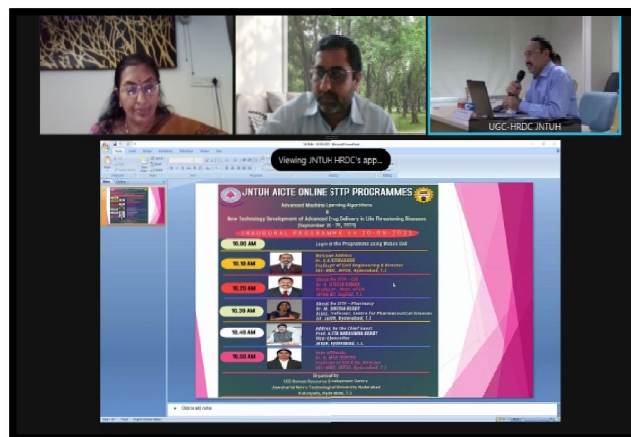
- Dr. Ch. Shilpa Chakra, Asst. Prof. & HoD, Centre for Nano Science and Technology IST, JNTUH, Coordinated a Six Day National online Short Term Course on “Principles, Synthesis and Characterization of Nanotechnology-Current and Future approaches” with UGC funds, organized at UGC-HRDC, JNTUH from 22nd-27th November 2021 with 36 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.

- Dr. P. Sammulal, Professor Dept. CSE, JNTUH CEJ, Jagtial Coordinated a Six Day National online Short Term Course on “Robotics and its applications” with UGC funds, organized at UGC-HRDC, JNTUH from 06th-09th December 2021 with 30 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr. M. Shailaja, Professor Dept. Mechanical Engineering, JNTUHCES, Sultanpur Coordinated a Six Day National online Short Term Course on “Robotics and its applications” with UGC funds, organized at UGC-HRDC, JNTUH from 20th-27th December 2021 with 30 participants. Dr. G.K. Viswanadh, Director, UGC-HRDC, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STC on “Robotics and its Applications” held during 20th -27th December 2021.

- Dr. B. Sateesh Kumar Professor, Dept. of CSE, JNTUHCEJ, Jagtial Coordinated a Six Day National online Short Term Training Programme on “Advanced Machine Learning Algorithms” with UGC funds, organized at UGC-HRDC, JNTUH from 20th-25th September 2021 with 451 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STTP on “Advanced Machine Learning Algorithms” held during 20th-25th September 2021.

- Dr. M. Sunitha Reddy, Assoc. Prof., Centre for Pharmaceutical Sciences, IST, JNTUH Coordinated a Six Day National online Short Term Training

Advanced Drug Delivery in Life Threatening Diseases” with AICTE funds, organized at UGC-HRDC, JNTUH from 20th-25th October 2021 with 341 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



A Six Day National STTP on “New Technology Development of Advanced Drug Delivery in Life Threatening Diseases” held during 20th-25th October 2021.

- Dr. Sadanandam Perumandla, Assoc. Prof., Dept. of EEE, Vaagdevi College of Engineering, Warangal, Coordinated a Six Day National online Short Term Training Programme on “Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems” with AICTE funds, organized at UGC-HRDC, JNTUH from 04th-12th October 2021 with 172 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



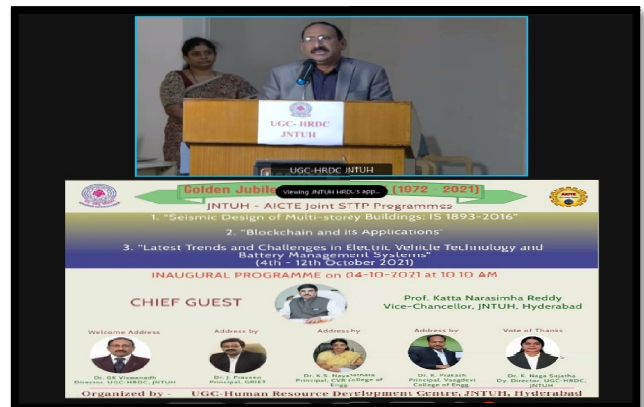
Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems” held during 04th-12th October 2021.

- Dr. Bipin Bihari Jayasingh, Professor & Head, Dept. of Information Technology, CVR College of Engineering, Malgalpalli, Ibrahimpatnam, Hyderabad Coordinated a Six Day National online Short Term Training Programme on “Blockchain and its Applications” with AICTE funds, organized at UGC-HRDC, JNTUH from 04th-12th October 2021 with 267 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Blockchain and its Applications” held during 04th-12th October 2021.

- Dr. V. Mallikarjuna Reddy, Professor & Head, Dept. of Civil Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad Coordinated a Six Day National online Short Term Training Programme on “Seismic Design of Multistory Buildings: IS 1893-2016” with AICTE funds, organized at UGC-HRDC, JNTUH from 04th - 12th October 2021 with 189 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr. Srikanth Koniki, Assoc. Prof. Dept. of Civil Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad Coordinated a Six Day National online Short Term Training Programme on “Seismic Design of Multistory Buildings: IS 1893-2016” with AICTE funds, organized at UGC-HRDC, JNTUH from 04th-12th October 2021 with 189 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



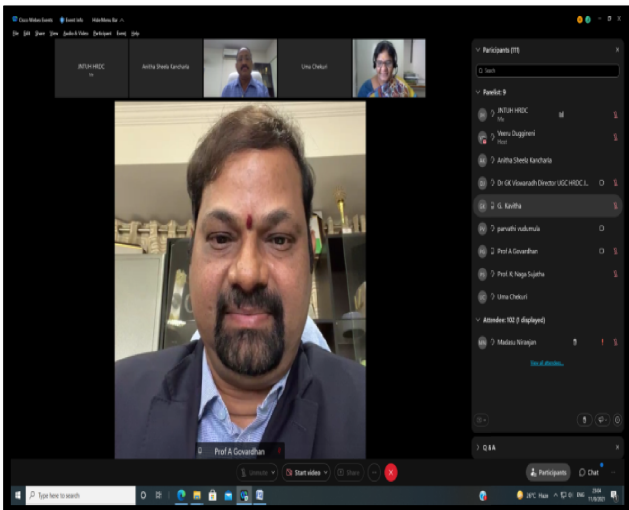
Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of “Seismic Design of Multistory Buildings: IS 1893-2016” held during 04th-12th October 2021.

- Dr. G. Janardhana Raju, Dean, School of Engineering & Professor of Mechanical Engineering Nalla Narasimha Reddy Education Society's Group of Institutions, Hyderabad Coordinated a Six Day National online Short Term Training Programme on “3D Printing for Sustainable Development” with AICTE funds, organized at UGC-HRDC, JNTUH from 25th-30th October 2021 with 273 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program of "3D Printing for Sustainable Development" held during 25th-30th October 2021.

- Dr.K. Anitha Sheela, Professor & Head Dept. of ECE JNTUHCEH, Hyderabad Coordinated a Six Day National online Short Term Training Programme on "Covid-19 Data Analysis with Deep Learning" with AICTE funds, organized at UGC-HRDC, JNTUH from 08th -15th November 2021 with 186 participants. Dr.A.Govardhan, Rector, JNTUH was the Chief Guest of Inaugural Function.
- Dr.V.Parvathi, Professor & Head Dept. of H&SS JNTUHCEH, Hyderabad Coordinated a Six Day National online Short Term Training Programme on "Teaching English" with AICTE funds, organized at UGC-HRDC, JNTUH from 08th-15th November 2021 with 130 participants. Dr.A.Govardhan, Rector, JNTUH was the Chief Guest of Inaugural Function.



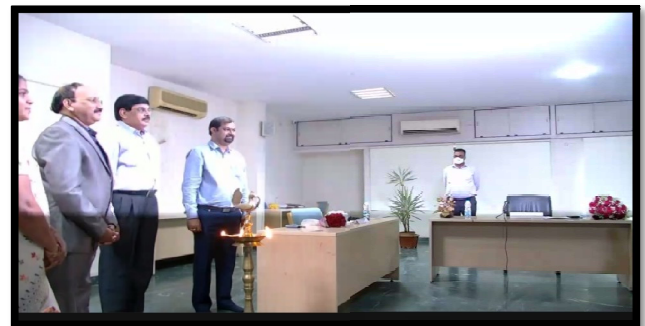
A Six Day National STTP on "Teaching English" held during 08th -15th November 2021.

- Ms.V.Lalitha, Asst. Prof. in L.I.Sc. University Library, JNTUH, Hyderabad Coordinated a Six Day National online Short Term Training Programme on "Digital Resource Management in Libraries" with AICTE funds, organized at UGC-HRDC, JNTUH from 29th November to 04th December 2021 with 127 participants. Dr.G.K.Viswanadh, Director, UGC-HRDC, JNTUH was the Chief Guest of Inaugural Function.



Dr.G.K.Vishwanadh, Director UGC-HRDC, Ms.V.Lalitha, Asst. Prof. in L.I.Sc. University Library, Dr.V.Suseela Triveni, Professor of Mathematics Geethanjali College of Engineering and Technology participated in the Inaugural Program on "Digital Resource Management in Libraries", "Role of Statistics in Machine Learning and Data Science" held from 29th November to 04th December 2021.

- Dr.V.Suseela Triveni, Professor of Mathematics Geethanjali College of Engineering and Technology Cheeryala Hyderabad Coordinated a Six Day National online Short Term Training Programme on "Role of Statistics in Machine Learning and Data Science" with AICTE funds, organized at UGC-HRDC, JNTUH from 29th November to 04th December 2021 with 194 participants. Dr.G.K. Viswanadh, Director, UGC-HRDC, JNTUH was the Chief Guest of Inaugural Function.
- Dr. S. Suresh Kumar Asst. Prof. & Head Dept. of IT, JNTUHCEJ, Jagtial Coordinated a Six Day National online FDP on "Artificial Intelligence & Machine Learning" with JNTUH funds, organized at UGC-HRDC, JNTUH on 28th June to 03rd July 2021 with 387 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.
- Dr. Ch. Asha Jyothi, Asst. Prof., Dept. of IT, JNTUH CEJ, Jagtial Coordinated a Six Day National online FDP on "Artificial Intelligence & Machine Learning" with JNTUH funds, organized at UGC-HRDC, JNTUH on 28th June to 03rd July 2021 with 387 participants. Prof. Katta Narasimha Reddy, Vice-Chancellor, JNTUH was the Chief Guest of Inaugural Function.



Hon'ble Vice-Chancellor Prof. Katta Narasimha Reddy, Dr. A. Govardhan, Rector, Dr. G.K. Vishwanath, Director, UGC-HRDC participated in the Inaugural Program on "Artificial Intelligence & Machine Learning" held from 28th June to 03rd July 2021.

Directorate of JNTUH Innovation Hub New Infrastructure Development in the College /Unit

- New Infrastructure for event hall of JHUB has been setup during July 2021 to December 2021. The infrastructure includes seating for incubation space /

event hall, movable tables, audio system etc to a tune of Rs. 13 lakhs with University Development Fund

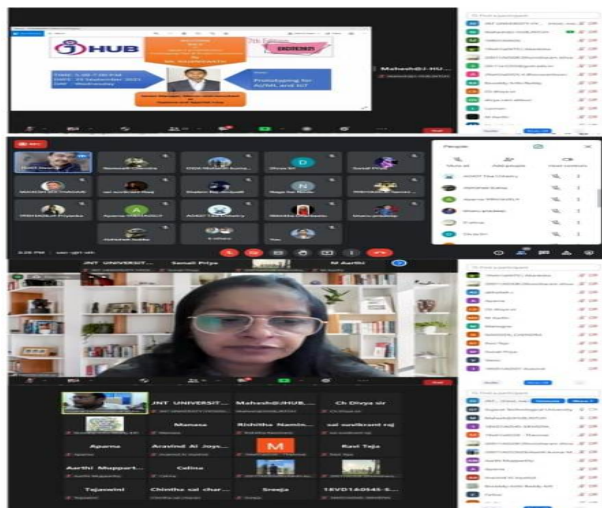


Event Hall of JHUB

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

EXCITE 2021 – Product Engineering Workshop

- Second Phase of EXCITE 2021 has been conducted from 29th September 2021 to December 2021.
- The Product Engineering Workshop EXCITE which is the 7th edition of the EXCITE series has been kicked off on 28th June 2021. The totals of 71 teams of 22 colleges are shortlisted for participation into the program. The teams shortlisted from Innovation Challenge 2021, finalists of national / international hackathons and nominations from J Labs. The workshop features various stages of product development, market research, concept mapping, team building, prototype development, business strategy and demo before the jury.
- The participants team will receive mentoring from industry experts and startup eco system and successful entrepreneurs.



Webinars conducted for students

S.No.	Date	Webinar Topic	Mentor Name
1	29.09.2021	Building Innovative Features in Product	Dr. Radhika Meenakshi Shankar
2	29.09.2021	Prototyping for AI/ML & IoT	Mr. Uppara Rajanikanth
3	01.10.2021	3D printing for Prototyping	Mr. Samkitt Shah
4	07.10.2021	Hands on Session: "Idea to Paper to Concept" (Prototyping for Screen)	Prof. Romita Swarup
5	14.10.2021	Mentoring for Prototyping for Apps i.e., Adobe XDS	Prof. Romita Swarup
6	09.11.2021	Prototyping of Robotics and Drones	Mr. Raj Hakani
7	17.12.2021	Problem Hypothesis testing for value proposition	Mr. Rohit Swarup
8	23.12.2021	Solution Hypothesis Testing for Idea & Solution Success - Value proposition	Mr. Rohit Swarup
9	26.12.2021	Prototype hypothesis Testing for prototype Success	Mr. Rohit Swarup

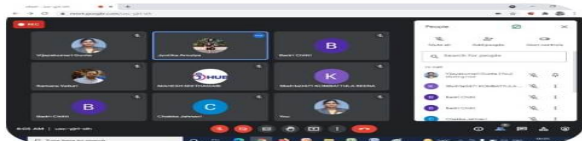
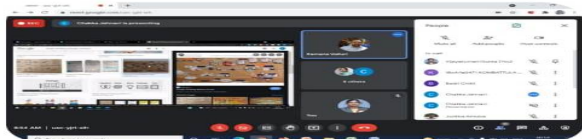
Idea Accelerator program (IAP) 2021

- Idea Accelerator Program (IAP) 2021 has been launched on 27th March, 2021 to help students with ideas and valid prototypes build startup. Six month program conducted on part time basis with combination of Lean Canvas, Agile methodologies and applications of Design thinking process to convert their idea into startup. At the end of the program the team will get an opportunity to pitch before the investors.

The following is the list of team / ideas admitted

S. No.	Name of the Product	College Name	Name of the Founder
1	Electric Wheelchair	Geethanjali CET	M. Prashanth Kumar
2	Prototype Design in Wireless Network	BVRIT Hyderabad CEW	Shivamurthy Hiremath
3	Intelligent Writing Arm	GRIET	Charith Chandra Sai
4	Solar Based Smart Acclimate Sprayer	BVRIT Hyderabad CEW	M. Jyotika Amulya
5	LADS (Licence Authorization and Driver's Safety) / Gravi-T	CMR Institute of Technology	Kodati Revanth
6	C-TOY	CMR Institute of Technology	Yenamala Umamahesh
7	I- SmartModule	JNTUHCEH	Bandameedi Sai Shiva
8	Fluido Capteur	BVRIT Hyderabad CEW	K. Lakshmi Prasuna
9	Mission Clean	BVRIT Hyderabad CEW	Thatiparthi Prathiba Reddy
10	SD Belt	SNIST	Rani Chowdhary
11	Monstograin	VJIT	L. Nishit Reddy
12	The Historer	MRECW	Sure Keerthi Reddy
13	Online Voting System using Blockchain	MRECW	Shivani Kolanu
14	Diagnostico / Mavericks	CVR CE	Srimanth Tenneti

15	FOOD DART	JNTUH CEM	Bommapala Kiran
16	ONI-The Scarecrow	NMREC	Neeraj Singh Sarathe



Keynote Address/ Invited Talks/Expert Lectures Delivered by the Faculty

- Dr.G.Vijaya Kumari, Professor of CSE & Director JHUB, JNTUH delivered a keynote session on "Intelligence and Innovation-Reimagining the future of Life and Work" at 5th National Conference on Advances in Information Technology and Computing on 22-12-2021 at SNIST.

Faculty Achievements

Journal Papers Published by the Faculty

- Challa Ratna kumari and Vijaya Kumari Gunta published a paper on "Towards the Construction of Reed-Muller Code Based Symmetric Key FHE." *Ingénierie des Systèmes d'Information* 26.no 6 (Dec 2021).
- Challa Ratna Kumari and Vijaya Kumari Gunta published a paper on "A Modified Symmetric Key Fully Homomorphic Encryption Scheme Based on Reed-Muller Code." *Baghdad Science Journal* 18.2 (Suppl.) (2021): 0899-0906.
- D.Chandra Sekhar Reddy and Dr.G. Vijaya kumari published a paper on "A Performance Analysis and Comparison of QoS On-Demand Routing Protocols in Mobile Ad-Hoc Networks." *strad research(Web of Science)*, VOLUME 8, ISSUE 6, 2021, ISSN: 0039-2049.

Students' Achievements

Prizes/Awards for outstanding performance in Academic/Any Other Activities

- The Ministry of Education, Govt. of India has awarded funds for innovation teams across India with Incubation Linkage of the total 45 teams selected across India. Three teams of JHUB/JLABS have been selected for the award.

The details are as follows

S. No.	Innovation/Startup	Grant Amount in Rs.	Institute Name
1	Monstograin	2,15,000.00	Jawaharlal Nehru Technological University
2	Fluido Capteur	2,95,000.00	BVRIT Hyderabad College of Engineering for women
3	New-Gen Faucet	4,00,000.00	Sreenidi Institute of Science & Technology

LIST of Innovations Teams Selected for Grants Support with Incubation Linkage (Published on 18th November 2021)

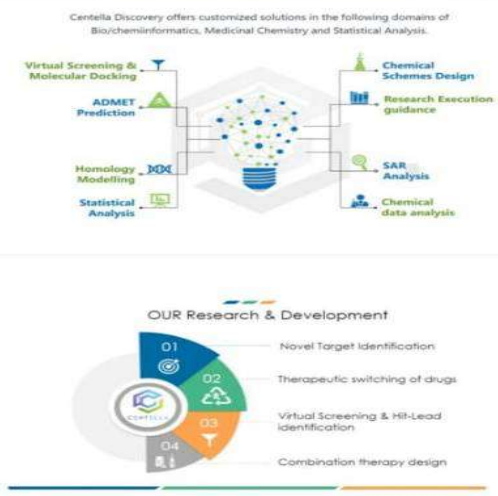
S. No.	Applica tion ID	Prog ram Name	Innova tion/ Stratup name	Grant Amount in Rs.	Institute Name	Institute State
1	65455	NIC 2020	Monsto grain	215000 .00	JNTUH Univer Sity	Telan gana
2	46400	NIC 2020	Fluido Capteur	295000. 00	BVRIT Hyd College of Engg. for Woman	Telan gana
3	62069	NIC 2020	New- Gen Faucet	400000. 00	Sreenidi Institute of Science & Techno Logy	Telang ana
4	64789	NIC 2020	Secure HER- Digitaliz ation of Medical Records Via Block Chain	300000. 00	Univer sity of Hydera Bad	Telan gana

Start-Up Activities

Alumni startups admitted to the Incubator

1. Centella Scientific

Name of the Start-up	Centella Scientific
Founders	Dr.Riyaz Syed
Nature of Start-up	Artificial Intelligence/Machine Learning (AI/ML) Driven Drug Discovery
Date of Commencement	September 2021



JNTUH University Library Details of Webinars/ Conferences/Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

- Ms.V.Lalitha, Asst. Prof. in L.I.Sc., University Library had conducted an One Week online Short Term Training Program on “Digital Resource Management in Libraries”, sponsored by AICTE and organized by UGC-HRDC, JNTUH from 29th November to 04th December 2021.



Dr.G.K.Vishwanadh, Director UGC-HRDC, Ms.V.Lalitha, Asst. Prof. in L.I.Sc. University Library, Dr.V.Suseela Triveni, Professor of Mathematics Geethanjali College of Engineering and Technology participated in the Inaugural Program on “Digital Resource Management in Libraries”, held from 29th November to 04th December 2021.

TEQIP-3 Information

- Design thinking workshops and Accelerator programs of Rs. 1,38,550.00

Any other Achievements related to the College/Unit



- The university wide Innovation initiative J-HUB, has recognized in the band “PROMISING” under the category “University & Deemed to be University (Govt. & Govt. Aided) Technical)” in Atal Ranking of Institutions on innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India on 29th December 2021.

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

- Ms.V.Lalitha, Asst. Prof. in L.I.Sc., University Library participated in One Week online Short Term Course on "Cyber Security & Forensics" organized by UGC-HRDC, JNTUH from 26th-31st July 2021.
- Ms.V.Lalitha, Asst. Prof. in L.I.Sc., University Library participated in Two Day National Level online Workshop on "WordPress: A Content Management System" organized by Karnataka State Open University, Mysuru held from 14th-15th December 2021.

Information about the Books/Journals/Online sources/ Unique Features/Facilities.

Print Books: Budget Sanction: (Rs. 20.00 Lakhs) (Under Process)

- The procurement of the Printed (Text & Reference) Books to the University Library through book exhibition for an amount of Rs.20.00 Lakhs for the year 2020 is under process.

Print Journals: (Rs. 10.00 Lakhs)

- University Library has renewed subscription to 205 Nos. of print journals of National/International journals for the year 2021-22 for an amount of Rs. 10.00 Lakhs.

Digital Library: Online / e-resources

Online Journals: (Rs. 75.00 Lakhs)

- University Library renewed subscription to 11 Nos. of E-resources/ Online Journals of National/ International journals & databases as per AICTE for the year 2021-22.



JNTUH Students

Editorial Board

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