

Visit us at [www.jntuhceh.ac.in](http://www.jntuhceh.ac.in)

E-mail: [newsletter.ceh@jntuh.ac.in](mailto:newsletter.ceh@jntuh.ac.in)



Hon'ble Vice-Chancellor Prof. Katta Narsimha Reddy, Dr. A. Govardhan, Rector, Dr. Manzoor Hussian, Registrar, Dr. A. Prabhu Kumar, Principal, Dr. M.T. Naik, Vice-Principal and Dr. K. Anitha Sheela, Professor & Head of ECE Dept. participated in the Inauguration of "Semi- Anechoic Chamber Lab" on 21st February 2022.



Mr.V. Manikanta Raju, EEE Student met Hon'ble Vice-Chancellor Prof. Katta Narsimha Reddy, Dr. Manzoor Hussian, Registrar, Dr. A. Prabhu Kumar, Principal, Dr. A. Jaya Laxmi, HoD of EEE on the occasion of creating the APP of Mani Back in June 2022.

## **JNTUH University College of Engineering Hyderabad**

### **Department of Civil Engineering**

#### **Details of Conferences/Workshops/FDPs**

##### **Organized by the Faculty**

- Dr.G. K. Viswanadh is the Coordinator of a Seminar on “Research Methodology” organized by the Department of Civil Engineering, JNTUH UCEH during 24<sup>th</sup>-31<sup>st</sup> January 2022 with 44 participants.
- Dr.G.K.Viswanadh is the Coordinator of a “Faculty Induction Program-8” organized by the Department of Civil Engineering, JNTUH UCEH during 24<sup>th</sup> January to 28<sup>th</sup> February 2022 with 40 participants.
- Dr.N.Darga Kumar organized a One Day National Conference on “Emerging Trends in Mining Industry and Engineering” held on 07<sup>th</sup> July 2022, organized by the Department of Mining Engineering, JNTUH University College of Engineering, Manthani.

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

- Dr.N.Darga Kumar delivered an Invited Lecture on “Civil Engineering Innovations and Construction of Double D Shaped Well Foundation on Gowthami River” in a Student Development Program, organized by the Department of Civil Engineering, KSRM Engineering College, Kadapa, A.P. held on 25<sup>th</sup> January 2022.
- Dr.N.Darga Kumar delivered an expert lecture as a resource person on “Design Considerations for Optimization of Haul Road Design”, in a Mixed Mode Online/Offline in Continuing Professional Development Programme on “Optimization of Resources in Open Cast Mining Projects” during 09<sup>th</sup>-11<sup>th</sup> February 2022, organized by the Mining Division, Engineering Staff College of India (ESCI), Hyderabad.

##### **Journal/ Conference Papers Reviewed by the Faculty**

- Dr.N.Darga Kumar reviewed a research paper titled “Correlation of Different Peat Soil Index Properties” for Journal of Engineering Science and Technology (JESTEC).
- Dr.N.Darga Kumar reviewed a research paper on “Performance evaluation of Lime-Cement-Copper Slag-Rice Husk Ash Composite as a Pavement Construction Material” for the International Journal of Pavement Engineering.

##### **Journal Papers Published by the Faculty**

- Y.Naveen Kumar, B.Dean Kumar and B.L.P Swami, “Mechanical Properties of Geopolymer Concrete Reinforced with Steel and Glass Fibers with Various Admixtures”, Materials Today, Volume 52, Part 3, 2022, Pages 632-641.
- S.Vijaya Kumar, B.Dean Kumar, B.L.P. Swami, “Mathematical Model for the Impact Strength of Triple

Blended Steel Fiber Self-Compacting Concrete Based on the Experimental Study”, Materials Today, Volume 60, Part 1, 2022, Pages 576-581.

- Dr.P.Srilakshmi and Dr.B.Dean Kumar, “ Experimental Study on The Setting Time of the Concrete With Partial and Full Replacement of River Sand By Manufactured Sand”, Journal of Emerging Technologies and Innovative Research (JETIR), May 2022, Volume 9, Issue 5, pp.c80-c90. ISSN: 2349-5162, UGC Approved Journal No 63975.
- Dr.P.Sravana, “Effect of Nano Silica on Frost Resistance of Pervious Concrete”, Materials Today: Proceedings, Volume 51, Part 8, Pages 2185-2189, March 2022.
- Dr.P.Sravana, “Experimental Investigations on Durability Properties Nano-Silica Based Concrete”, Materials Today: Proceedings, Volume 51, Part 8, Pages 2176-2184, March 2022.
- Bala Padmaja S., Narasimha Reddy G. V. and Saibaba Reddy E.(2022),“Stability Analysis of Landslides using Catastrophe Theory”. (Yantu Gongcheng Xuebao) Chinese Journal of Geotechnical Engineering, 44(4), 41–50.
- Lavanya, C and Darga Kumar, N (2022).” Effect of Lime Stabilized Copper Slag Cushion on Swelling Behavior of High Plastic Clay”, Geotechnical Research, ICE Publishing. E-ISSN 2052-6156.

##### **Any Other Achievements by the Faculty**

- Ramanjaneyulu B. and Darga Kumar,N (2022). Influence of CaCl<sub>2</sub> on Compaction and CBR Characteristics of Gypsum (CaSO<sub>4</sub>.2H<sub>2</sub>O) Stabilized High Plastic Clay. Ground Characterization and Foundations. Lecture Notes in Civil Engineering, Vol.167, Pp:109-118.
- Dr.N.Darga Kumar carried out 3rd party quality control works for Indian Railways, The Singareni Collieries Company Limited (SCCL) and Government Engineering Departments of Telangana State and generated an amount of Rs.15 Lakhs.

##### **Students’ Participation in Sports**

- Chintakindi Srikanth, Roll No.20011P0109, B. Tech (IDP), All India Inter University Mallakhamb (M) Tournament at S.K.D University, Rajasthan, 21.05.2022.
- Nakerekanti Manoj, Roll No.19011A0140, B. Tech (Reg.), All India Inter University Gymnastics (M) Tournament at G.N.D University, Amritsar, 21.05.2022.
- D. Lokesh, Roll No.19011P0103, B. Tech (IDP), All India Inter University Kho – Kho (M) Tournament at B. N. University Kolar, 21.05.2022.
- Dhemavathu Vamsi Krishna, Roll No.19011P0103 B.Tech (IDP), All India Inter University Mallakhamb (M) Tournament at S.K.D University, Rajasthan, 21.05.2022.

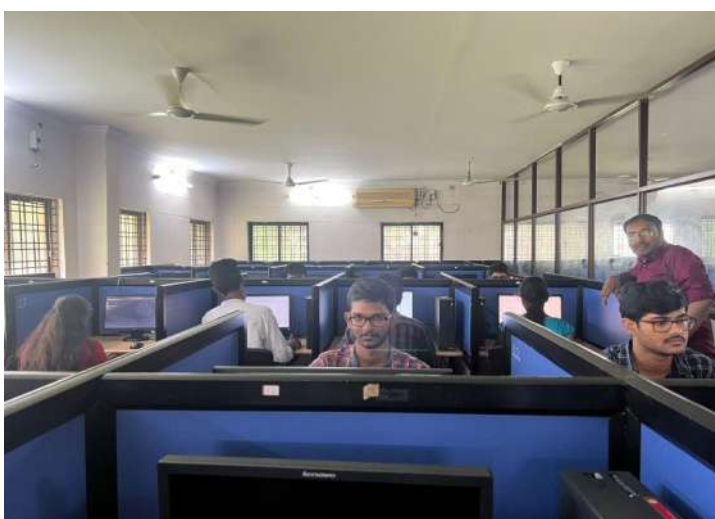
- S.Kamala Sreeja, Roll No.19011A0153, B. Tech (Reg.), All India Inter University Archery (M&W) Tournament at Chandigarh University, Mohali, Punjab, 18<sup>th</sup> January 2022.

## Department of Electrical & Electronics Engineering

### New Equipment/Software Installed

- The following Computers and Softwares are purchased for EEE Department.

S. No.	System Configurations	Quantity	Available Softwares	Placem ent	Details & Date
1.	Lenovo Desktop Intel ®, Pentium CPU G2020, 7.6GB, 64-bit, Raspberry pi configuration	09	Thonny Python IDE, Blue Java IDE, HAT Emulator	UG Computer Lab	Sponsored by Infosys under CSIR scheme, May 2022
2.	Acer Desktop Intel ®, Pentium CPU G2020, 7.6 GB, 64-bit, Raspberry pi configuration	20	Thonny Python IDE, Blue Java IDE, HAT Emulator	UG Computer Lab	Sponsored by Infosys under CSIR scheme
3.	Dell Desktop Intel ®, Pentium CPU G2020, 7.6 GB, 64-bit, Raspberry pi Configuration	07	Thonny Python IDE, Blue Java IDE, HAT Emulator	UG Computer Lab	Sponsored by Infosys under CSIR scheme



Computer Lab with Newly installed Computer Units

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

- Dr.A. Jaya Laxmi , Professor&HoD participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.

- Dr.A. Jaya Laxmi , Professor&HoD participated in a Webinar on “Academic Research Integrity in the Context of NEP-2020”, organized by UGC, HRDC, JNTUH on 30<sup>th</sup> June 2022.
- Dr.A. Jaya Laxmi , Professor&HoD participated in a Webinar on “NEP-2020 Implementation Plan: Outcome Based Education & Academic Bank of Credits”, organized by UGC, HRDC, JNTUH on 28<sup>th</sup> June 2022.
- Dr.M.Sushama, Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr.A.Raghu Ram, Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH, on 29<sup>th</sup> June 2022.
- Dr.S.Tara Kalyani , Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr.K.Naga Sujatha, Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr.K.Bhaskar, Associate Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr.P.Venkatanarayana, Associate Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr.K.H.Phani Sree, Associate Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.
- Dr .D.Kiran Kumar , Assistant Professor participated in a Webinar on “NEP-2020 Implementation Plan: Multiple Entry and Exit System”, organized by UGC, HRDC, JNTUH on 29<sup>th</sup> June 2022.

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

- Dr.S. Tara Kalyani, Professor chaired a session at IEEE second international Conference on Sustainable Energy and Future Electric Transportation (SeFet 2022), organized by Gokaraju Rangaraju Institute of Engineering and Technology from 04<sup>th</sup>-06<sup>th</sup> August 2022.

### Faculty Achievements

#### Journal Papers Published by the Faculty

- Dr.A. Jaya Laxmi, Professor&HOD published a paper on “Implementation of Load Demand Prediction Model for Domestic Load Center Using Different Machine Learning Algorithms-A Comparison,” in *springer* ISBN: 978-981-16-5640, 2022.

## Conference Papers Presented by the Faculty

- Dr. S. Tara Kalyani, Professor, “Performance Analysis and Experimental Validation of DFIG in Microgrid”, IEEE second international Conference on Sustainable Energy and Future Electric Transportation (SeFet 2022), 4<sup>th</sup>-6<sup>th</sup> August 2022, organized by Gokaraju Rangaraju Institute of Engineering and Technology.

## New Appointments and Promotions

- Dr. A. Raghu Ram, Professor of EEE was appointed as the Chairperson BOS, JNTUH.
- Dr.D.Kiran Kumar, Assistant Professor of EEE was appointed as an Officer in Charge, Exams, JNTUH UCEH.
- Dr. K.Naga Sujatha, Professor of EEE was appointed as a NBA coordinator for Dept of EEE, JNTUH UCEH.
- Dr.K.H.Phani Sree, Associate Professor of EEE was appointed as a coordinator for IQAC, EEE Dept, JNTUH UCEH.

## Students’ Achievements

### Clubs and Activities

- The Department of Electrical and Electronics Engineering organized a Two Day National Level Symposium, “Pragnya 2022”, with various Workshops and Events held from 12<sup>th</sup>-13<sup>th</sup> April 2022.



Students Participating in Pragnya-2022.



Distribution of Prizes to Students in Pragnya 2022 by Dr. N. Yadaiah, Dr. A. Jaya Laxmi & Dr. M. Sushma are Present.

## Any Other Achievements by Students

- Ayush Tripathi, attended online Short Term Course on “Application of Machine Learning & Deep Learning in Data Science”, conducted by the Department of Mathematics, Sri Venkateshwara College in association with CCE, NITW from 28<sup>th</sup> February 2022 to 4<sup>th</sup> March 2022.
- J. Chaitra, attended a Two Day National Workshop on “Haptic Control of Robotic Devices”, organized by JNTUH from 28<sup>th</sup>-29<sup>th</sup> March 2022.
- M.Sreenima, attended a Two Day National Workshop on “Haptic Control of Robotic Devices”, organized by JNTUH from 28<sup>th</sup>-29<sup>th</sup> March 2022.
- Mohammed Zakiya Firdhose, attended a Two Day National Workshop on “Haptic Control of Robotic Devices”, organized by JNTUH from 28<sup>th</sup>-29<sup>th</sup> March 2022.
- Neelam Srujana, attended a Two Day National Workshop on “Haptic Control of Robotic Devices”, organized by JNTUH from 28<sup>th</sup>-29<sup>th</sup> March 2022.
- B.Lakshmi Pranati, attended a Two Day National Workshop on “Haptic Control of Robotic Devices”, organized by JNTUH from 28<sup>th</sup>-29<sup>th</sup> March 2022.

## Start-up Activities

- The Third year B.Tech student named Sri. V. Manikanta Raju started a Startup Company named “JLM Software Technologies Private Ltd.” and

developed three APPS and made them available in the Google Play store. One of his developed APPS named “Financial Products Cash Back” has been recognized and he was awarded a Prize by Bizox Media Network Pvt. Ltd (Global Leaders Awards Program) held on 17<sup>th</sup> June 2022 at New Delhi.



Young Entrepreneur of the Year -2022.



V.Manikanta Raju, Young Entrepreneur of the Year-2022 for Creating Maniback Application.

### Forthcoming Events

- As a part of Golden Jubilee Celebrations of JNTUH UCEH, the Department of Electrical and Electronics Engineering will conduct International Conference on “Innovations in Engineering and Technology (ICIET)” from 15<sup>th</sup>-17<sup>th</sup> September 2022, JNTUH UCEH.

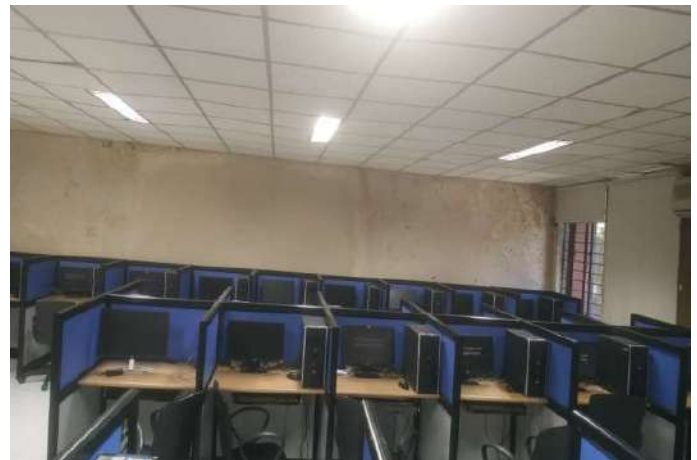
### Department of Mechanical Engineering

#### New Equipment/Software Installed

- Purchased 60 Desk Top Computers for Mechanical Engineering Department UG and PG Labs through GEM.
- Rs.70.00 lakhs (Seventy Lakhs Only) the expenditure from UDF duly following the purchase procedure /GEM in 5<sup>th</sup> September, 2022.

#### Specifications

Dell Optiplex 7090 Desktop Computers  
 Config: Intel Corei7 -11th Gen. 16 GB DDR 4Ram  
 1 TB SATA HDD/512 GB SSD  
 DVD Writer  
 22” Monitor, USB Key Boards + Mouse,  
 Preloaded OS: Windows 10, 3 years onsite warranty.



Centre for Excellence in Computer Aided Design and Engineering Lab

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

- Kishan Banoth, Assistant Professor (C) successfully completed the NPTEL Online Course in Eight Weeks on “Introduction to Abrasive Machining Process” during January -March 2022, with a consolidated score of 73% organized by IIT Tirupati.
- Kishan Banoth, Assistant Professor (C) participated in Eight Weeks Online Faculty Development Programme on “Introduction to Abrasive Machining Process” during January-March 2022, organized by IIT Tirupati.
- Kishan Banoth, Assistant Professor (C) participated in One Month online UGC Sponsore Faculty Induction Programme-8 (FIP-8) held from 24/01/2022 to 28/02/2022 organized by the UGC HRDC, JNTUH Hyderabad.

### Faculty Achievements

#### Journal/ Conference Papers Reviewed by the Faculty

- Dr.Naga Sarada, Professor, reviewed a Manuscript Number: 157, paper entitled “Effect of Fatty Acid Profile of Biodiesel on its Thermal Properties”, NIT Calicut ICFTES’22 Conference in April 2022.
- Dr.Naga Sarada, Professor, reviewed a Manuscript Number: 195, paper entitled “Experimental Investigation on Thermal Performance of Pulsating Heat Pipe by Using Ethylene Glycol”, NIT Calicut ICFTES’22 Conference in April 2022.

- Sri. Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: EGY-D-21-06345R1, paper entitled “Numerical Investigation of the Three Phase Layer Production Performance of an Offshore Natural Gas Hydrate Trial Production”, an International Journal of Energy in January 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: UESO-2022-0005, paper entitled “An Experimental Investigation on Single Slope Solar Still Coupled with Solar Box Cooker for Productivity Enhancement”, An Energy Sources, Part A: Recovery, Utilization and Environmental Effects in January 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: EGY-D-21-06345R2, paper entitled “Numerical Investigation of the Three Phase Layer Production Performance of an offshore Natural Gas Hydrate Trial Production”, an International Journal of Energy in February 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: EGY-D-21-06345R3, paper entitled “Numerical Investigation of the Three Phase Layer Production Performance of an offshore Natural Gas Hydrate Trial Production”, an International Journal of Energy in March 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: MATPR-D-22-02746, paper entitled “Mechanical and Metallurgical Properties of Friction Stir Welded Austenitic Steel Pipes in Position Control Mode”, Materials Today: Proceedings in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: MATPR-D-22-02367, paper entitled “Investigation of Fibre-Based Bag Filter Coated with Metal Oxides for Dust Adsorption”, Materials Today: Proceedings in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: 11, paper entitled “Theoretical analysis of performance parameters of a microchannel heat exchanger”, NIT Calicut ICFTES’22 Conference in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: 47, paper entitled “Effect of an Air Cavity Appended to the Solar Still: A Computational Approach”, NIT Calicut ICFTES’22 Conference in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: 63, paper entitled “Heat Exchanger Design for Two Stage HDH Desalination Plant”, NIT Calicut ICFTES’22 Conference in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: 138, paper entitled “Nanofluids for Heat Transfer Enhancement in Heat Exchanges-An overview of Current Research”, NIT Calicut ICFTES’22 Conference in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: UESO-2022-0769, paper entitled “Efficient Wick type Integrated Solar Still for Round the Clock Distillate Production”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects in April 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: 146, paper entitled “Experimental Investigation of Dynamic Viscosity of SiO<sub>2</sub>-Water Nanofluid at Various Concentrations and Temperatures”, NIT Calicut ICFTES’22 Conference in May 2022.
  - Sri.Ravi Gugulothu, Assistant Professor (C) reviewed a Manuscript Number: MATPR-D-22-02746R1, paper entitled “Mechanical and Metallurgical Properties of Friction Stir Welded Austenitic Steel Pipes in Position Control Mode”, Materials Today: Proceedings in June 2022.
- Journal Papers Published by the Faculty**
- M.Venkata Ramana, G.Krishna Mohana Rao, M. Dheeraj Reddy, B.V.Raja Ravi Kumar, P.Ravi Kumar, Optimization and impact of process parameters on Tool- Chip Interaction while turning of A286 Iron based Nickel superalloy, Int. J.Machining & Machinability of Materials, Vol No.24, pp.48-66, 2022.
  - Santhi Sree .N, P Bhramara, N V S S Sridhar, Fluid Flow Analysis In A Closed Loop Pulsating Heat Pipe-Simulation Study, Materials Today Proceedings, ISBN No.S2214-7853(22)04108-6, June , 2022.
  - Ravi Gugulothu, Narsimhulu Sanke, Farid Ahmed, Naga Sarada Somanchi, and M.T. Naik, “Numerical investigation of baffle spacing in a shell and tube heat exchanger with segmental baffle”, Applied Analysis, Computation and Mathematical Modelling in Engineering, Lecture Notes in Electrical Engineering 897, pp: 83-98. doi.org/10.1007/978-981-19-1824-7\_6.
  - Ravi Gugulothu, Narsimhulu Sanke, Sahith Nagadesi, and Ratna Kumari Jilugu, “Thermal hydraulic performance of helical baffle shell and tube heat exchanger using RSM Method”, Applied Analysis, Computation and Mathematical Modelling in Engineering, Lecture Notes in Electrical Engineering 897, pp: 167-187. doi.org/10.1007/978-981-19-1824-7\_11.
  - Ravi Gugulothu and Narsimhulu Sanke, “Use of segmental baffle in shell and tube heat exchanger for nano emulsions”, Heat Transfer, Wiley Journal, 2022, pp: 1-22. doi: 10.1002/htj.22418.
  - Ravi Gugulothu and Narsimhulu Sanke, “Effect of helical baffles and water based Al<sub>2</sub>O<sub>3</sub>, CuO and SiO<sub>2</sub> nanoparticles in the enhancement of thermal performance for shell and tube heat exchanger”, Heat Transfer, Wiley Journal, 2022; pp: 1-26. doi.org/10.1002/htj.22474.

## Students' Achievements

### Marks and Ranks in GATE Exam

S. No.	Roll Number (B.Tech)	Name of the Student	GATE – 2022 Hall Ticket Number	Marks (GATE-2022)	Rank (GATE-2022)
1	18011A0303	A.V.Amruta	ME22S81407904	49.47	2856
2	18011A0305	B. Yogesh	ME22S81405737	31.3	9933
3	18011A0310	D. Shyamal Kumar	ME22S71408373	32.71	9063
4	18011A0315	Gundeti Jayanth	ME22S77513009	36.55	7161
5	18011A0316	J.Karthik	ME22S77513009	36.55	7161
6	18011A0320	Kaesar Charan	ME22S81401551	52.96	2056
7	18011A0321	Kadudula Bharath	ME22S77518014	49.69	2821
8	18011A0324	Kandagatla Srinath	ME22S77518014	49.69	2821
9	18011A0326	K. Shiva Yadav	ME22S81407560	50.51	2609
10	18011A0330	Mogili Rahul	ME22S87506033	29.9	10835
11	18011A0331	Md.Yakoob Hussain Ansari	ME22S87516004	36.54	7215
12	18011A0334	Nalla Pranay Reddy	ME22S87519069	41.43	5214
13	18011A0341	A. Premitha Lakshmi	ME22S81401799	36.54	7215
14	18011A0342	Rangam Likhith Lochan	ME22S71401639	28.87	11659
15	18011A0343	Returi Ajay	ME22S71408723	21.82	18991
16	18011A0346	S. Deepthi Kowsalya	ME22S76104219	38.8	6255
17	19015A0301	Akula Suman	ME22S87517023	38.64	6313
18	19015A0304	Gone Shiva Chandhra	ME22S77518015	64.74	467
19	19015A0305	Gugulothu Bhadraraj	ME22S81401566	27.11	13122
20	19015A0312	Kuru Murthy	ME22S71408295	27.91	12423
21	19015A0318	Thallapally Adarsh	ME22S77518016	34.95	7919

### III B.Tech

1	19011A0345	S. Sharath Chandra	ME22S71408782	25.66	14462
2	20015A0319	Sistla Punnaiah Sastr	ME22S81407812	37.59	6705
3	19011P2101	Alanka Siva Sai Rahul	ME22S81407324	26.41	13709
4	19011P0312	Lalitha Krishna Nitturi	ME22S71401790	30.15	10730
5	17011P0315	Kasturi Vikas	ME22S71408109	39.44	5971

### M.Tech

1	21011D3314	S.K. Ahmed	-	42.13	4995
2	20011D2106	Pakki Eswararama Sai	-	28.23	12184

## Department of Electronics and Communication Engineering

### New Equipment/Software Installed

- MATLAB 2018 version was installed for 22 systems in Communication Technology Lab (S14 Room) for UG & PG Students.

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

- Dr.K.Anitha Sheela, Professor&Head, initiated and developed the “Semi- Anechoic Chamber Lab” which is inaugurated by Hon’ble Vice Chancellor Prof. Katta Narsimha Reddy, Dr. Manzoor Hussain, Prof. of Mechanical Dept. & Registrar, Dr. A. Govardhan, Prof of CSE Dept. & Rector, JNTUH, Principal & Vice Principal of JNTUH UCEH. in ECE Department, JNTUH UCEH on 21<sup>st</sup> February 2022.
- Dr.K.Anitha Sheela, Professor&Head, organized a Short Term Course on Train the Trainer on “Applied Python Programming” for faculty of Various Departments of JNTUH UCEH, in ECE Department during 21<sup>st</sup>-26<sup>th</sup> February 2022 with 40 Participants
- Dr.K.Anitha Sheela, Professor&Head, Dr.A. Rajani, Professor, organized a Two Day Workshop on “VLSI Design Methodology using FPGA” in Collaboration with Tech Fluent Solutions Pvt. Ltd. The mentor of the event was Dr.N.Bala Dastagiri, Technical Manager, Tech Fluent Solutions, Dr.K.Anitha Sheela was a Chair Person and Dr. A. Rajani was a Staff Coordinator. It was held during 31<sup>st</sup> March to 1<sup>st</sup> April 2022 in ECE Department, JNTUH UCEH with 121 participants.
- Dr.K. Anitha Sheela, Professor&Head, organized a Workshop on “Internet of Things” on 26<sup>th</sup> March 2022. in ECE Department, JNTUH UCEH with 52 Participants.
- Dr.A.Rajani, Professor organized a National Level Technical Symposium on “Spoorthi 2022” as a Staff Coordinator from 12<sup>th</sup>-13<sup>th</sup> April 2022 in ECE Department, JNTUH UCEH.
- Dr.K.Anitha Sheela, Professor&Head, conducted a Seminar as Branch Counselor on “Machine Learning Foundation in an Initiative Approach”, the speaker for the Seminar is Dr. Kiran Gunnam, on 16<sup>th</sup> June 2022 in Seminar Hall, CRC Complex, JNTUH CEH.
- Dr.L.Pratap Reddy, Professor and Dr.T.Satya Savithri, Professor organized a National Level Workshop on "Next Generation Communication" in ECE Department JNTUH UCEH during 22<sup>nd</sup>-23<sup>rd</sup> April 2022 with 50 participants.

- Dr.A.Rajani, Professor&Dr.K.P.Supreethi, Professor, organized a Three Day Workshop on “RM & IPR” in ECE Department, JNTUH UCEH during 22<sup>nd</sup>-25<sup>th</sup> March 2022 with 50 participants.
- Dr.P.Chandrasekhar Reddy, Professor, organized an Introduction Programme on “Research Areas Ph.D Scholars” in ECE Department, JNTUH UCEH on 29<sup>th</sup> March 2022 with 30 participants.



Inauguration of “Semi- Anechoic Chamber Lab” Inaugurated by Hon’ble Vice Chancellor Prof. Katta Narsimha Reddy on 21st February 2022.



A Short Term Course Train the Trainer on “Applied Python Programming” for Members of the Faculty of Various Departments of JNTUH UCEH.

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

- Dr.K.Anitha Sheela, Professor&Head, visited HITAM College of Engineering & Technology, Hyderabad for Board of Studies Meeting as Board of Studies member on 17<sup>th</sup> February 2022.
- Dr.K.Anitha Sheela, Professor&Head, visited Nalla Narasimha reddy Educational Society’s Group of Institution, Hyderabad for Board of Studies Meeting as Board of Studies member on 6<sup>th</sup> January 2022.
- Dr.K.Anitha Sheela. Professor&Head, visited Guru Nanak Institutions Technical Campus for Board of Studies Meeting as Board of Studies member on 21<sup>st</sup> January 2022.
- Dr.K.Anitha Sheela, Professor&Head, visited Guru Nanak Institute of Technology for Board of Studies

Meeting as a Board of Studies member on 11<sup>th</sup> February 2022.

- Dr. M.Asha Rani, Professor, visited as Expert Team to Government Polytechnic College, Palakad Kodumbu (PO Palghat , Kerela) from 8<sup>th</sup>-10<sup>th</sup> April to Evaluate Diploma Engineering Programmes for the Grants of NBA Accreditation.
- Dr.M.Asha Rani, Professor, visited as Expert Team to Panipat Institute of Engineering & Technology G.T Karnal Road, NH-1, Village Pattikalyana, Samalkha, Panipat, Haryana from 13<sup>th</sup>-15<sup>th</sup> May 2022 to evaluate its UG- Engineering program in Tier-II format for grant of NBA Accreditation.
- Dr.T.Satya Savithri, Professor, visited BVRIT College, Hyderabad for Board of Studies Meeting as Board of Studies member on 16<sup>th</sup> March 2022.
- Dr.T.Satya Savithri, Professor, visited Narayanamma College of Engineering & Technology, Hyderabad for Board of Studies Meeting as Board of Studies member on 16<sup>th</sup> March 2022.

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

- ECE Department conducted an Online Guest Lectures by Mr.Baradwaj Kotamarthi, Engineer in Texas Instrument; Bangalore on “Analog Integrated Circuits Design” on 28<sup>th</sup> May 2022 at 10.00 AM to 12.00 PM.

### **Faculty Achievements**

#### **Journal Papers Published by the Faculty**

- Chevella Anil Kumar, Kancharla Anitha Sheela “Emotion Classification from Facial Images and Videos Using a Convolutional Neural Network” International Journal of Advanced Trends in Computer Science and Engineering, Publisher Name World Academy of Research in Science and Engineering ,Volume 11, Issue no.1 Date of publication January-February 2022.
- S.Jaya, M.Madhavi Latha, Professor&DAP JNTUH “Applications of IoT and Block chain Technologies in Healthcare: Detection of Cervical Cancer Using Machine Learning Approaches” Book name Internet of Things Based Smart Healthcare, Page no. 351-377, Publisher name Springer Singapore. Publication Date- March 2022.
- G.Mohana Priya, M.Madhavi Latha, Professor&DAP JNTUH “Analyzing Data in Decision Making for Educational Universities Using Machine Learning” Volume 356, Pg.No.459, Publisher name Springer Nature, Publication Date- May 2022.
- G.Mohana Priya, M.Madhavi Latha, Professor&DAP JNTUH “Volume 356, Pg.No.459, Publisher name Springer Nature, Publication Date- May 2022.
- S.Jaya, M. Madhavi Latha, Professor&DAP JNTUH Applications of IoT and Blockchain Technologies in Healthcare: Detection of Cervical Cancer Using Machine Learning Approaches.



## Conference Papers Presented/published by Faculty Members

- Ch. Anil kumar, K. Anitha Sheela, Professor&Head  
“Real-Time Emotional Analysis from A Live Webcam Using Deep Learning”. 2022 3<sup>rd</sup> International Conference for Emerging Technology (INCET) Publisher name IEEE, 27<sup>th</sup> May 2022.

## New Appointments and Promotions

- Dr.A.Rajani, Professor, was appointed as Head of the ECE Department, JNTUH UCEH in the month May 2022.
- Mrs.T.Madhavi Kumari, Associate Professor, was appointed as SC / ST Cell Officer, JNTUH UCEH in the month May 2022.

## Students' Achievements

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

- Mr.S.Badripath from B. Tech IV year participated in Inter University Chess team in South Zone Inter University Chess Tournament, Event held at SRMIST University, Tamil Nadu on 21<sup>st</sup> May 2022.

## Research Papers Published

- M.Tech I yr SSP student Mr. E. Chanderlal published an International Journal of Innovative Science & Research Technology Paper titled “Energy Harvesting from Piezo Electric Material as an Environmental friendly ” in Volume 7 Issue 4 2022, ISSN- 2456-2165.

## 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 have 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 Reg and IDP (UG) Students placed-72, No. of Organization offered Placements -22. Highest Salary Offered by Oracle with 16.6 lakhs per annum.
- Total No. of M.Tech II Year (PG) Students placed – 06, No. of organization offered Placements -03. Highest Salary Offered by L&T Tech with 6.3 lakhs per annum.

## Forthcoming Events

- Department proposes to conduct NSS activity on “Road Safety Awareness Program NSS-Unit collaboration with Traffic Training Institute Cyberabad at on 23<sup>rd</sup> July 2022 at CRC Seminar Hall, JNTUH UCEH.
- Dr.K.Anitha Sheela Professor will participate in 37<sup>th</sup> National Convention of Electronics and Telecommunication Engineers and National Seminar on

“The Impact of 5G: Creating New Value across industries and Society” conducted by Institutes of Engineers India, Hyderabad on 18<sup>th</sup> November 2022.

- As a Part of Golden Jubilee Celebrations of JNTU Hyderabad, International Conference will be held on Innovations in Engineering and Technology (ICIET-2022) from 15<sup>th</sup>-17<sup>th</sup> September 2022.
- A Seminar will be conducted on “Built your Idea Quickly:MATLAB&Simulink for Hard Ware Integration & IOT “ by Mathworks in ECE Department.
- A talk on “Contemporary Development Artificial Intelligence with Specific Reference to Text and Image Processing” by Dr.L.Pratap Reddy, Professor of ECE will be organized on 13.10.2022 @ 10.30 a.m.

## Department of Computer Science and Engineering

### New Infrastructure Development in the Dept

- New Chairs and Batteries were purchased at the cost of Rs. 1,82,680 /-

## Department of Metallurgical Engineering

### New Equipment/Software Installed

- The Department of Metallurgical Engineering purchased Computer Revolving Chairs in New Computer Lab at the cost of Rs. 89,633/- (Rupees Eighty-Nine Thousand and Six Hundred and Thirty Three only) on April 2022.
- The Department of Metallurgical Engineering purchased Networking Components in New Computer Lab at the cost of Rs. 99,811/- (Rupees Ninety-Nine Thousand and Eight Hundred and Eleven only) on May 2022.

## Details of Webinars/Conferences/Seminars/

### Workshops /FDPs Attended by the Faculty

- Dr.S.Devaki Rani, Professor attended a Three Day online Workshop on "Procedures & Preparation of SSR for NAAC" organized by Internal Quality Assurance Cell (IQAC), Jawaharlal Nehru Technological University Hyderabad (JNTUH), as a part of Golden Jubilee Celebrations of JNTUH from 21<sup>st</sup>-23<sup>rd</sup> April 2022.
- Dr. B. Ramesh Chandra, Associate Professor and Head attended a Three Day online Workshop on "Procedures & Preparation of SSR for NAAC" organized by Internal Quality Assurance Cell (IQAC), Jawaharlal Nehru Technological University Hyderabad (JNTUH), as a part of Golden Jubilee Celebrations of JNTUH from 21<sup>st</sup>-23<sup>rd</sup> April 2022.
- Smt.P.Pavani, Assistant Professor (C) attended a Three Day online Workshop on "Procedures & Preparation of SSR for NAAC" organized by Internal Quality Assurance Cell (IQAC), Jawaharlal Nehru Technological University Hyderabad (JNTUH), as a part of Golden Jubilee Celebrations of JNTUH from 21<sup>st</sup>-23<sup>rd</sup> April 2022.

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

- Dr.Naveen Manhar Chavan, Scientist-E, and Dr. Gururaj Telasang, Scientist at ARCI Hyderabad, delivered a talk on “Surface Engineering Technologies” for B.Tech. (Metallurgical Engineering) II, III & IV students on 6<sup>th</sup> April 2022 at CRC Seminar Hall in JNTUHCEH organized by the Metallurgical Engineering Department.



Dr. B. Ramesh Chandra, Associate Professor&HoD in AYAS-2022.

- Mr.M.Rakesh Kumar, Deputy Manager/NDT at BHEL, Hyderabad, a delivered a talk on “Non-Destructive Testing” for B.Tech. (Metallurgical Engineering) II, III & IV students on 6<sup>th</sup> April 2022 at CRC Seminar Hall in JNTUH UCEH organized by the Metallurgical Engineering Department.
- Department conducted National Level Technical Symposium AYAS’2022 held during 12<sup>th</sup>-13<sup>th</sup> April 2022.



**Faculty Achievements**

**Details of Patents/Copyrights Filed/Awarded**

- Dr.K.Srinivasa Vadayar, Professor, Method of Quantification of Filling Ability Distance Obtained from Casting Simulations Using Virtual Casting Software. The Patent office journal No. 25/2022, Official Journal of the Patent Office in June 2022.

**Students’ Achievements**

- Department conducted National Level Technical Symposium AYAS’2022 during 12<sup>th</sup>-13<sup>th</sup> April 2022.



Dr. B. Ramesh Chandra, Associate Professor&HoD in AYAS-2022.



AYAS-2022 Student Activities.

**Department of Chemical Engineering**  
**New Infrastructure Development in the Dept**

S. No.	Date	Details of the Infrastructure setup (Creation of new labs, new facilities etc.)	Quantity	Unit Cost	Total Cost for the Set-up (Rs. in lakhs)
1	08.04.2022	Glass door Almirah (for Library)	01	Rs.11,650/-	Rs. 11,650/-
2	13.06.2022	Steel Almirah	02	Rs.11,350/-	Rs.22,700/-
3	13.06.2022	Staff Chairs 'S' Type	04	Rs.1,360/-	Rs.5,440/-
4	13.06.2022	Staff Tables	03	Rs.12,360/-	Rs.37,080/-
5	13.06.2022	White boards for labs	04	Rs.2,799/- 3,303/-	Rs.13,211/-
6	13.06.2022	Green Ceramic chalk board	01	Rs.11,520/-	Rs.11,520/-
7	13.06.2022	White Ceramic chalk board	01	Rs.8,640/-	Rs.8,640/-
<b>Total Amount</b>					<b>Rs.1,10,241</b>

Engineering IIT Delhi & Fertilizer Association of India from 24<sup>th</sup>-25<sup>th</sup> June 2022.

- Mrs.P.Sowmya, Assistant Professor (C) attended a One Week GIAN Course on “Greener and Cleaner Ultrasonic Process for Nanomaterials and Nano pharmaceuticals” organized by National Institute of Technology Warangal from 27<sup>th</sup> June to 01<sup>st</sup> July 2022.
- Dr.Ch. Ramesh, Assistant Professor (C) attended UGC- sponsored on “Faculty Induction Programme - 8” organized by Human Resource Development Centre (HRDC) JNTUH from 24<sup>th</sup> January to 28<sup>th</sup> February 2022.

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

- Expert Lecture on “Gas Separation using Adsorption: Process Design & Material Development” by Dr. Sasidhar Gumma, Professor, Dept. of Chemical Engineering, IIT Tirupathi on 11<sup>th</sup> March 2022.

**JNTUH GOLDEN JUBILEE CELEBRATIONS (1972-2021)**  
**JNTUH UNIVERSITY COLLEGE OF ENGINEERING HYDERABAD (AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**GAS SEPARATION USING ADSORPTION: PROCESS DESIGN AND MATERIAL DEVELOPMENT**

11/03/2022 at 2:00 P.M.

**SPEAKER**  
**Dr. Sasidhar Gumma**  
 Professor, Dept. of Chemical Engineering, IIT Tirupathi



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

- Mr.Dipankar Das, Assistant Professor (C) attended a Three Day online Workshop on “Procedures and Preparation of SSR for NAAC” organized by IQAC, JNTUH, Hyderabad from 21<sup>st</sup>-23<sup>rd</sup> April 2022.
- Mr.Dipankar Das, Assistant Professor (C) attended a Two Day online Workshop on “Prediction Tools in Chemical and Bioprocess Engineering” organized by Hindustan Institute of Technology and Science, Chennai (In association with Indian Institute of Chemical Engineers) from 30<sup>th</sup>-31<sup>st</sup> May 2022.
- Mr.Dipankar Das, Assistant Professor (C) attended a Two Day National Conference on “Advancement in Green Energy Production, Environmental Hazard Reduction and its Sustainability” organized by School of Engineering & Technology, GIET University, Gunpur-765022, Odisha from 10<sup>th</sup>-11<sup>th</sup> June 2022.
- Mr.Dipankar Das, Assistant Professor (C) attended a Two Week online FDP on “Simulation as a Pedagogical Aid in Chemical Engineering” organized by Department of Chemical Engineering, NIT Warangal from 13<sup>th</sup>-22<sup>nd</sup> June 2022.
- Mr.Dipankar Das, Assistant Professor (C) attended Two Day Seminar on “Production and Use of Green Hydrogen and Green Ammonia in Process Industry” organized by Indian Institute of Chemical Engineers(NRC), Department of Chemical

Dr. Sasidhar Gumma, Professor, Dept. of Chemical Engineering, IIT Tirupathi an Expert Lecture on “Gas Separation using Adsorption: Process Design & Material Development” on 11<sup>th</sup> March 2022.

**Dr. T. Bala Narsiah**  
 Professor and Head of the Department of Chemical Engg.  
**Dr. M. Mukunda Vani**  
 HOD, HRC, Convener, Student Chapter  
**Dr. Ravi Chandre Palaparthi**  
 Convener, Academic-Industry Interaction, HCE-NRC  
**Dr. Sanjay Bhargava**  
 Chairman, HCE-NRC  
**Mr. Dipankar Das,**  
**Dr. Ch. Ramesh,**  
**Mrs. P. Sowmya**  
 Coordinators

**ORGANISED BY**  
**Dr. T. Bala Narsiah**  
 Professor & Head of the chemical Engineering Dept., JNTUH-UCEH

**Dr. Makrand Pimlapure**  
 Founder and Managing Director at MakSpeed Technologies

**Dr. Makrand Pimlapure** is the Founder and Managing Director at MakSpeed Technologies which specializes in offering solutions and products to three chemistry-based process industries for the global chemical and pharmaceutical industries. He is a business leader with entrepreneurial acumen. He develops, implements, and markets by over 20 years of extensive technical and business experience in the areas of Process, Engineering, Process Intensification, Reactor, Engineering and Plant Operation. He has a rich work experience with over 3 widely varied multinational corporations like Dow Chemical, GE, Huls, and DuPont. He is a chemical engineer by training with a Ph.D. after and back from University of Texas.

**Programme Schedule:**

Time (IST)	Details
6:00 - 6:02 PM	Esper song
6:02 - 6:04 PM	Welcome address by Dr. Sanjay Bhargava, Chairman, HCE-NRC
6:04 - 6:05 PM	Remarks by Dr. T. Bala Narsiah, Professor & Head, Department of Chemical Engg., JNTUH UCEH
6:05 - 6:07 PM	Introduction of speaker by Mr. Dipankar Das, Coordinator
6:07 - 6:30 PM	Lecture by Dr. Makrand Pimlapure, Founder and managing director at MakSpeed Technologies
6:30 - 6:35 PM	Question & Answer Session
6:35 - 7:00 PM	Vote of thanks by Mrs. P. Sowmya, Coordinator National Anthem

Dr.Makrand Pimlapure, Founder and Managing director at MakSpeed Technologies delivered a Lecture on “Journey of Chemical Engineer” for student, on May 6<sup>th</sup>2022.

- Dr. Makrand Pimplapure, Founder and Managing Director at MakSpeed Technologies, delivered a Lecture on “Journey of Chemical Engineer” for student, on 6<sup>th</sup> May 2022, organized by IChE-HRC in association with Department of Chemical Engineering, JNTU Hyderabad, with organizing committee members Prof. Dr. T. Bala Narsaiah & Co-ordinators Mr. Dipankar Das & Mrs. P. Sowmya. Lecture on “Interfacing Materials Science with Chemical Engineering for a Healthier Tomorrow” by Dr. Debitupa Mitra, Assistant Professor, Dept. of Chemical Engg., BITS Pilani Hyderabad Campus, on 13<sup>th</sup> May 2022.

**JNTU GOLDEN JUBILEE CELEBRATIONS (1972-2021)**  
**JNTU UNIVERSITY COLLEGE OF ENGINEERING HYDERABAD**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

Organising a Lecture on  
**"INTERFACING MATERIALS SCIENCE WITH CHEMICAL ENGINEERING FOR A HEALTHIER TOMORROW"**

Date: 13/05/2022 at 11:30 A.M.

Organised by  
**Dr. T. Bala Narsaiah**  
 Professor & Head  
 Dept. of Chemical Engg.,  
 JNTU UCEH

Speaker  
**Dr. Debitupa Mitra**  
 Assistant Professor  
 Dept. of Chemical Engg.,  
 BITS Pilani Hyderabad Campus



Dr. Debitupa Mitra, Assistant Professor, Dept. of Chemical Engg., BITS Pilani Hyderabad Campus Lecture on “Interfacing Materials Science with Chemical Engineering for a Healthier Tomorrow” on 13.05.2022.

### Faculty Achievements

- Mr. Dipankar Das, Assistant Professor (C) received appreciation from Indian Institute of Chemical Engineers-Hyderabad Regional Centre for “Outstanding Contribution to the student chapter” during July 2021 to June 2022.



Mr. Dipankar Das, Assistant Professor (C) received appreciation from Indian Institute of Chemical Engineers-Hyderabad Regional Centre for “Outstanding Contribution to the student chapter” during July 2021 to June 2022.

### Students Achievements

#### Prizes/Awards for outstanding performance in Academic/Cultural Activities

S. No.	Name of The Dept./ Centre	Roll No.	Name of the Student	Exam Qualif ied	Rank Secur ed	Registr ation number
1	Chemical Engg.	1801 1A0 802	A. Sravya	GATE	1647	CH22S4 1408438
2		1801 1A0 807	Banoth Jaggu Naik	GATE	4482	CH22S4 1408534
3		1801 1A0 811	Cheema Nikhil Teja	GATE	4676	CH22S4 1405528
4		1801 1A0 812	Chennuri Srilekha	GATE	2434	CH22S4 1407620
5		1801 1A0 828	K. Hreethi ka Rathode	GATE	3633	CH22S4 1407861
6		1801 1A0 829	Kollu Nkhil Goud	GATE	1144	CH22S4 1408306
7	Chemical Engg.	1801 1A0 831	K.Santhosh Kumar	GATE	1790	CH22S4 1408102
8		1901 5A0 805	Chelimeti Prasad	GATE	2251	CH22S4 1408682

### Students Achievements

#### Placement Details -2022

S. No.	Branch/ Specializa tion	No. of Students Placed	No. of Organiz ations offered Placements	Highest Salary Offered/ Organization
1	B.Tech. Chemical Engg.	36	12	7.4 LPA/ITC Badrachalam Paperboard Ltd.

S. No.	Roll Number	Name of the Student	Name of the Organization	Package
1	18011A0802	Achanta Sravya	Worely	3.9 LPA

2	18011A0808	Boga Sampath	Emerson/ Wipro-Elite	3.5 LPA
3	18011A0809	Budde Dharani	TCS	3.5 LPA
4	18011A0810	Bugga Sravani	Wipro-Turbo	5.5 LPA
5	18011A0812	Chennuri Srilekha	ITC	7.4 LPA
6	18011A0813	Chiluka Vani	ITC/ Mindtree	7.4 LPA
7	18011A0814	Deepika Mantrala	Worely	3.9 LPA
8	18011A0817	Gangadhara Krupa	Campus Job (Akash)	7.25LPA
9	18011A0819	Golla Gopal	Coramandel	3.5 LPA
10	18011A0822	Immadi Keerthana	ITC	7.4 LPA
11	18011A0823	Jatothu Majilal	Wipro-Elite/ Coramandel	3.5 LPA
12	18011A0828	K.Hreethika Rathode	Wipro-Elite	3.5 LPA
13	18011A0831	K. Santhosh Kumar	Emerson/ Wipro-Elite/ Deccan Fine Chemicals	3.5 LPA/ 3.4 LPA
14	18011A0832	Kuthuru Bhargavi	Emerson/ Wipro-Elite	3.5 LPA
15	18011A0833	Lingutla Prudhvi Teja	ITC	7.4 LPA
16	18011A0834	Mangali Akhila	Mind Tree	4 LPA
17	18011A0835	Maram Anupama	AcmeGrade	3.5 LPA
18	18011A0837	MD. Habeeb Ur Rahman	Wipro-Elite	3.5 LPA
19	18011A0838	Mirza Salman Baig	Mind Tree	4.0 LPA
20	18011A0839	Mohammad Afroze	ITC	7.4 LPA
21	18011A0841	N. Bharath Kumar	Deccan Chemicals	3.4 LPA
22	18011A0845	P. Naga Sai Sri Harika	Manali Petro Chemicals	4.3 LPA
23	18011A0846	Pokala Ajay Kumar	Mind Tree	4 LPA
24	18011A0847	Pulla Kalyani	Wipro-Elite	3.5 LPA
25	18011A0849	Rayala Megana	ITC/ Wipro – Turbo	5.5 LPA
26	18011A0852	Tabeti Jessy Spoorthy	Wipro-Elite	3.5 LPA
27	18011A0854	Tudum Shruthi	Manali Petro Chemicals	4.3 LPA
28	18015A0808	L G Dinesh	Sai Life Sciences	-
29	18015A0815	S. Hemanth Kumar	Sai Life Sciences	-
30	19015A0801	Bhaskari Vinod	Sai Life Sciences	-
31	19015A0802	Bhukya Geetha	Manali Petroc Hemicals	4.3 LPA
32	19015A0806	Jogdande Pallavi	Manali Petro chemicals	4.3 LPA
33	19015A0808	K. Sree Chandana	Manali Petroc Hemicals	4.3 LPA

34	19015A0809	Lakkiseti Gopi	Deccan Chemicals	3.4 LPA
35	19015A0810	Narsinga Venu Prasad	Sai Life Sciences	-
36	19015A0812	Pingari Prarthana	Sai Life Sciences	-

### Forthcoming Events

- Organizing International Conference on “Innovations in Engineering and Technology (Iciet-2022) during 15<sup>th</sup>-17<sup>th</sup> September 2022.

### Department of Mathematics

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

#### Attended by the Faculty

- Dr.V.Srinivasa Kumar attended a UGC Sponsored FDP on “Faculty Induction Programme-8” organized by UGC HRDC, JNTU Hyderabad from 24<sup>th</sup> January to 28<sup>th</sup> February 2022.

### Faculty Achievements

#### Journal Papers Published by the Faculty

- Navilla Nagi Reddy, Vempati Srinivasa Rao, B. Ravindra Reddy, “Effect of Heat Generation/Absorption and Radiation on Two Dimensional unsteady Magneto hydrodynamic Heat and Mass Transfer Nano Fluid boundary layer flow Over a Permeable Shrinking Sheet”, Journal of Nano Fluids. Volume No. 11, Page No. 1-12, 2022.
- Asogwa, Kanayo K, B. Shankar Goud, Yanala, Dharmendar Reddy, Non-Newtonian Electromagnetic Fluid Flow Through a Slanted Parabolic Started Riga Surface With Ramped Energy, Heat Transfer, 51(6), 2022, pp. 4833-6026. <https://doi.org/10.1002/htj.22560>.
- M Anil Kumar, Yanala Dharmendar Reddy, B Shankar Goud, V.Srinivasa Rao, An Impact on Non-Newtonian Free Convective Mhd Casson Fluid Flow Past A Vertical Porous Plate In The Existence of Soret, Dufour, and Chemical Reaction, International Journal of Ambient Energy, 2022, <https://doi.org/10.1080/01430750.2022.2063381>.
- Nalivela Nagi Reddy, Yanala Dharmendar Reddy, Vempati Srinivasa Rao, B. Shankar Goud, Kottak karan Soopy Nisar “Multiple slip effects on steady MHD flow past a non-isothermal stretching surface in presence of Soret, Dufour with suction/injection “, International Communications in Heat and Mass Transfer 134 (2022) 106024, <https://doi.org/10.1016/j.icheatmasstransfer.2022.106024>.
- B.Shankar Goud, Yanala Dharmendar Reddy, Wasim Jamshed, Mohamed R. Eid, Rabia Safdar, Kottak karan Soopy Nisar, Siti Suzilliana Putri Mohamed Isa, Mohammad Mahtab Alam, Shahanaz Parvin “2D mixed convection non-Darcy model with radiation effect in a nano fluid over an inclined wavy surface”, Alexandria

Engineering Journal (2022) 61, 9965–9976.

- B.Shankar Goud, Mahantesh M. Nandeppanavar “Effect of thermal radiation on magnetohydrodynamics heat transfer micropolar fluid flow over a vertical moving porous plate”, Exp. Comput. Multiph. Flow (2022). <https://doi.org/10.1007/s42757-021-0131-5>.
- B.Shankar Goud, Yanala Dharmendar Reddy, Wasim Jamshed, Kottakkaran Soopy Nisar, Abdulaziz N. Alharbi, Ridha Chouikh “Radiation effect on MHD Casson fluid flow over an inclined non-linear surface with chemical reaction in a Forchheimer porous medium”, Alexandria Engineering Journal (2022), <https://doi.org/10.1016/j.aej.2022.01.043>.
- Yanala Dharmendar Reddy, B.Shankar Goud, M.Riaz Khan, Mohamed Abdelghany Elkotb, Ahmed M. Galal “Transport properties of a hydromagnetic radiative stagnation point flow of a nanofluid across a stretching surface”, Case Studies in Thermal Engineering, 31(2022)101839. <https://doi.org/10.1016/j.csite.2022.101839>.
- B.Shankar Goud, Wasim Jamshed, Rabia Safdar, Yanala Dharmendar Reddy, Meznah M. Alanazi, Heba Y.Zahran and Mohamed R. Eid “Chemical Reactive and viscous dissipative flow of magneto nanofluid via natural convection by employing Galerkin Finite Element Technique”. Coatings 2022, 12, 151. <https://doi.org/10.3390/coatings12020151>.
- Dharmendar Reddy Yanala, B.Shankar Goud, Ali J. Chamkha, Anil Kumar Mella “Influence of radiation and viscous dissipation on MHD heat transfer Casson nanofluid flow along a nonlinear stretching surface with chemical reaction”, Heat Transfer. 2022, 51(4), pp: 3495-3511..doi:10.1002/htj.22460.
- Shankar Goud B, Pramod Kumar P, Malga BS. Induced magnetic field effect on MHD free convection flow in nonconducting and conducting vertical microchannel walls. Heat Transfer, 51(2), March 2022, pp. 2201-2218,. <https://doi.org/10.1002/htj.22396>.

### Conference Papers Presented by Faculty Members

- B.Shankar Goud et al., Heat source/sink effect on MHD heat transfer fluid flow over a stretching cylinder with porous medium, XXX Congress of APTSMS & International conference on Mathematics & Its Relevance to Science and Engineering (ICMRSE2022) organized by Department of Mathematics, Osmania University, Hyderabad.

### Details of Patents/Copyrights Filed/ Awarded

- K.Sandeep Kumar, B.Shankar Goud, M. Nagapavani, A.Srilatha, B.Tulasi Lakshmi Devi, Prasanthi Modugula, V. Nagaraju “Computation of Binary Alloy Interfaces under Fluid Dynamic Boundary Conditions”, FORM – 2, THE PATENTS ACT, 1970, (39 OF 1970),

The Patents Rules, 2003, Complete Specification, (Section 10; rule 13).

### Department of Chemistry

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

- Dr.B.Rama Devi, Professor & Head organized a One Day Conference on the occasion of Golden Jubilee Celebration “RALCS-Recent Advances in Learning Chemical Sciences” on 29<sup>th</sup> April 2022.



RALCS – Recent Advances in Learning Chemical Sciences

- Dr.B.Rama Devi, Professor & Head organized a One Week training programme of STUTI on R&D Equipment in Association with NIT, Warangal and IST, JNTUH from 18<sup>th</sup>-24<sup>th</sup> April 2022.



STUTI -Synergistic Training Program Utilizing the Scientific and Technological infrastructure



Inauguration of STUTI

- Dr.T.Sabithakala, Asst. Professor, was a Resource person for Hands on experience of Fluorescence in Seven Day program on DST supported R&D equipment through Hands-on experience, DST STUTI-21, JNTUH from 18<sup>th</sup>-24<sup>th</sup> April 2022.

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

- Dr.T.Sabithakala, Asst. Professor, attended a One Day Webinar on “Academic Research Integrity in the Context of NEP-2020” organized by UGC HRDC, JNTUH on 30<sup>th</sup> June 2022.
- Dr.T.Sabithakala, Asst. Professor, attended a One Week Online STTP on "Novel Materials and Energy Storage Devices for Environmental and Health Care Applications" organized by AICTE, New Delhi, and VNR VJIET, Hyderabad and UGC HRDC, JNTUH from 24<sup>th</sup>-31<sup>st</sup> January 2022.
- Dr.T.Sabithakala, Asst. Professor, attended a Two Week Refresher Course on "Current and Future Prospects of Drug Discovery and Delivery Approaches" organized by UGC HRDC, JNTUH from 21<sup>st</sup> February to 7<sup>th</sup> March 2022.
- Dr.T.Sabithakala, Asst. Professor, attended a One Day online FDP on “Recent Advances in Learning Chemical Sciences (RALCS-2022)” organized by Department of Chemistry, Jawaharlal Nehru Technological University Hyderabad, JNTUH University College of Engineering, Hyderabad on 29<sup>th</sup> April 2022.

### Faculty Achievements Award for PhD.

- V.Nagi Reddy was awarded Ph.D degree for his work on “Development and Validation of Stability Indicating Chromatographic Method for Linagliptin, Sitagliptin and Prasugrel” under the supervision of Dr.B.Rama Devi on 18<sup>th</sup> January 2022.

## Department of Humanities and Social Sciences

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

- Dr.NVSN Lakshmi, Assistant Professor&Head, participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan: Multidisciplinary and Holistic Education” organized by UGC HRDC, JNTUH, Hyderabad on 18<sup>th</sup> June 2022.
- Dr.Parvathi.V, Professor&Chairperson, BoS Participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan: Multidisciplinary and Holistic Education” organized by UGC HRDC, JNTUH, Hyderabad on 18<sup>th</sup> June 2022.
- Dr.Parvathi.V, Professor&Chairperson BoS, participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan:

Outcome Based Education & Academic Bank of Credits” organized by UGC HRDC, JNTUH, Hyderabad on 28<sup>th</sup> June 2022.

- Dr.Parvathi.V, Professor&Chairperson, BoS, participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan: Multiple Entry and Exit System” organized by UGC HRDC, JNTUH, Hyderabad on 29<sup>th</sup> June 2022.
- Dr.NVSN Lakshmi, Assistant Professor&Head, participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan: Outcome Based Education & Academic Bank of Credits” organized by UGC HRDC, JNTUH, Hyderabad on 28<sup>th</sup> June 2022.
- Dr.NVSN Lakshmi, Assistant Professor&Head, participated in a One Day Short Term Training Programme on “NEP-2020 Implementation Plan: Multiple entry and Exit System” Organized by UGC HRDC, JNTUH, Hyderabad on 29<sup>th</sup> June 2022.
- Dr.NVSN Lakshmi, Assistant Professor & Head, participated in a One Day Short Term Training Programme on “Academic Research Integrity in the Context of NEP-2020” organized by UGC HRDC, JNTUH, Hyderabad on 30<sup>th</sup> June 2022.
- Mr. Mohammed Anjum Pasha Assistant Professor (C) participated in the One Day National Webinar on “Teaching ESL Writing Skills to Indian Under Graduates” organized by the Department of English, Malla Reddy University, Hyderabad on 4<sup>th</sup> February 2022.

### Students’ Achievements

#### IDEEP-2022

- IDEEP is a National Level Techno-Management Fest conducted every year by the Department of H&SS, JNTUH UCEH. IDEEP started in 2012 as technical fest and right from its inception, it has been receiving immense response from students all over the state. IDEEP creates a platform for students to compete with peers in a myriad of events that test their knowledge in the field of Management Science.

JNTUH University College Of Engineering Hyderabad  
Department Of Humanities & Social Sciences  
Proudly Presents  
A National Level Techno-Management Fest  
**IDEEP 2022**  
On 12th & 13th April

DAY I	DAY II
PAPER PRESENTATION	JNTUH SHARK TANK
B-QUIZ	POSTER MAKING
CULTURALS	DJ NIGHT

Student Co-Ordinators:  
Aashish 9866829041  
Hasini 9603193251  
Namratha 7989375089

Head Of The Department:  
Prof. Dr. Parvathi Vudumula

Faculty Co-Ordinators:  
Dr.N.Venkatesh  
Md.Anjum Pasha

Scan here for registrations

IDEEP-2022 Poster

## Editorial Board

### Chief Patron

**Prof. Katta Narasimha Reddy**

Vice-Chancellor, JNTUH

### Patrons

**Dr. A. Govardhan**

Rector, JNTUH

**Dr. M. Manzoor Hussain**

Registrar, JNTUH

### President

**Dr. A. Prabhu Kumar**

Principal, JNTUH UCEH

### Vice-President

**Dr. M.T. Naik**

Vice-Principal, JNTUH UCEH

## Editorial Committee

**Dr. B. Dean kumar**

Professor & Head, Dept. of Civil Engg.

**Dr. A. Jaya Laxmi**

Professor & Head, Dept. of EEE

**Dr. M. Indira Rani**

Professor & Head, Dept. of Mechanical Engg.

**Dr. A. Rajani**

Professor & Head, Dept. of ECE

**Dr. D. Vasumathi**

Professor & Head, Dept. of CSE

**Dr. B. Ramesh Chandra**

Associate Professor & Head, Dept. of Mett. Engg.

**Dr. B. Bala Narsaiah**

Professor & Head, Dept. of Chemical Engg.

**Dr. M.N. Raja Shekar**

Professor & Head, Dept. of Mathematics

**Dr. S. Venkateswara Rao**

Professor & Head, Dept. of Physics

**Dr. B. Rama Devi**

Professor & Head, Dept. of Chemistry

**Dr. N.V.S.N. Lakshmi**

Associate Professor & Head, Dept. of H&SS

### Chief Editor

**Dr. Parvathi Vudumula**

Professor of English &  
Chairperson, BoS, JNTUH

**SPONSORSHIP**

PLATINUM	₹1,50,000
DIAMOND	₹1,00,000
GOLD	₹75,000
SILVER	₹50,000
STALLS	₹20,000
BANNER	₹10,000

Cheque is to be issued in favour of  
HSS Department - JNTUH

**PREVIOUS SPONSORS**

ANDBANK Venky's  
MIFS MOBYCY  
manya VOGO

**PRINCIPAL**  
Dr. A. Prabhu Kumar  
Prof. of Mechanical dept.

**HEAD OF DEPARTMENT**  
Prof. Parvathi Vudumula

**FACULTY CO-ORDINATORS**  
Dr. N. Venkatesh  
Md. Anjum pasha

**STUDENT CO-ORDINATORS**  
T. Hasini  
K. Aashish  
K. Namratha

**STUDENT CONTACTS**  
K. Aashish 9886829041  
T. Hasini 9603193251  
K. Namratha 7989375089

**2022 IDEEP**  
**A National Level Techno-Management Fest**  
12th & 13th April, 2022  
JNTUHCEH  
Department of Humanities and Social Sciences

**JNTUH**  
JNTUH Hyderabad College of Engineering is a premier institute with academic and research oriented courses, has become an educational hub in Hyderabad with the aim to raise the standard of education. It has been successful in nurturing its student's endeavours with its continuous efforts, total dedication and unrelenting improvement.

**IDP MBA**  
JNTUH-CEH has taken a gains leap in classroom education with the introduction of an Integrated dual-degree programme (IDP) a 5-Year B. Tech + MBA program, which equips students with engineering as well as managerial skills. It promoted rational thinking among the students by relating In-Class content to Out-of-class realities.

**IDEEP**  
IDEEP is a national level Techno-Management fest conducted by the Department of HSS, JNTUH-CEH. IDEEP started in 2012 as technical fest and right from its inception, it has received immense response from students all over the state. IDEEP offers a platform for students to compete with peers in a myriad of events that test their mettle and knowledge in field of Humanities and Social Sciences.

**DEAR SPONSORS**  
IDEEP is a platform to feature your business where the student community interacts with industry leaders to share knowledge. This helps in enhancement of interaction and an opportunity for provision of products and services at a new level. Sponsors are assured of best co-operation from the organizers in every respect. IDEEP will be named after platinum sponsor.

**SPONSOR PRIVILEGES**

**PLATINUM SPONSOR-₹5, 1,50,000/-**  
-Title sponsor  
-Logo on banners/posters/certificates/invite/bookings  
-A stall on campus with all facilities  
-media promotion

**GOLD SPONSOR-₹5, 75,000/-**  
-Event sponsorship  
-Logo on main banner/event posters  
-A stall on campus  
-Media promotion

**DIAMOND SPONSOR-₹5, 1,00,000/-**  
-Logo on main banner/certificates/posters  
-A stall with manpower help  
-media promotion

**SILVER SPONSOR-₹5, 50,000/-**  
**STALLS-₹5, 20,000/-**

**EVENTS**

**WORKSHOP**

**ONSITE EVENTS**

- Paper Presentation
- Poster Making
- B-quiz
- B-plan

**EXTRA CURRICULAR**

- Cultural
- Flashmob

ideep2022.jntuh@gmail.com  
ideep\_2022



IDEEP-2022

**JNTUH UNIVERSITY COLLEGE OF ENGINEERING HYDERABAD**

(Autonomous)

Kukatpally, Hyderabad-500085, Telangana, India.

Web: [www.jntuhceh.ac.in](http://www.jntuhceh.ac.in), e-mail: [newsletter.ceh@jntuh.ac.in](mailto:newsletter.ceh@jntuh.ac.in), Phone No: 91-40-23057787, Fax No.: 91-40-23057787