



JNTUHCEH NEWS

A Half-Yearly Newsletter

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E-mail: newsletter.ceh@jntuh.ac.in

Vision

- To be recognized as one of the top ten institutes in the country offering technical education, sustaining and improving its **repute of UG programmes**, expanding **need based PG and research programmes** with global outlook, synergizing teaching and research for societal relevance.

Mission

- To identify technological advancements and build the **right level of skills at the right time** contributing to the industrial and national growth.
- To identify and keep abreast with the **state of the art technology maintaining** its legacy of striving for excellence in higher education.
- To promote **world class research** of local relevance to society.
- With a research community of professors, research fellows and research centers, **expand the scale and multidisciplinary** character of its research activities.
- With a **global outlook** strive for collaborations to network with International Universities and National Institutes of Research and Higher Learning.



JNTUH COLLEGE OF ENGINEERING HYDERABAD
(Autonomous)

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Dr. A. Govardhan, Rector, Dr. M. Manzoor Hussain, Registrar and Dr. B. N. Bhandari, Principal's participation in Harithaharam held in June 2020



JNTUH Officials' participation in Tree Plantation at CEH held in June 2020



Techno Fest 2020- Principal Dr. G. N. Srinivas Addressing the Gathering



Inauguration of Techno Fest held on March 12th, 2020 at JN Auditorium



Techno Fest- 2020: Audience at JN Auditorium



Techno Fest March 12th & 13th 2020
A Traditional Day by JNTUH CEH Students



Sri Jayesh Ranjan, IAS
Incharge Vice-Chancellor, JNTUH

MESSAGE

I am happy to extend warm greetings to the readers of JNTUH CEH Half Yearly Newsletter. It is understood that this newsletter will serve as a window of the Institute through which one can see the complete profile of the academic, research and co-curricular activities, apart from the achievements and progress made by the faculty and students during the specified period. In this context, let me recall the words of Benjamin Disraeli that a university should be a place of light, of liberty and of learning. The objective of education system is sustainable development and improvement of the economy of the country as a whole. Time to time, educational aims enable us to determine curriculum, policies, relevant teaching strategies, methods together to create conducive learning environment and experiences.

Education at universities enables this through the creation, transmission and dissemination of knowledge that is vital even for country's social development. The move towards interdisciplinary studies, research based and interactive learning with technology integration, digital communication has created several opportunities to students in this fast-changing world. The effect of the COVID-19 crisis on education has been huge and this pandemic has forced educational institutes across India, and the world indeed, to suspend physical classrooms and shift to online classes.

Every challenge indirectly gives rise to a new opportunity. Higher education has many possibilities and challenges during the pandemic period. When the situation is changed, we should try to get accustomed to it. Now, it is high time to reconsider the current delivery and pedagogical methods in teaching by assimilating classroom learning with virtual methods. It is also required to establish quality assurance mechanisms and quality measures for online teaching and learning that are offered at various levels. Now, the focus should be on a skillful and effective educational practice for the capacity-building and overall personality development of students.

I would like to conclude by quoting Dr.A.P.J.Abdul Kalam that "The purpose of education is to make good human beings with skill and expertise..." Best wishes for the success of "JNTUH CEH Newsletter" and congratulations to the Editorial Team for their efforts in bringing out this news bulletin.

Stay healthy and stay safe!

Sri Jayesh Ranjan, IAS
Incharge Vice-Chancellor, JNTUH



Dr. A. Govardhan

Rector, JNTUH

MESSAGE

I am immensely delighted to see the rapid progress made by the College of Engineering Hyderabad in various spheres in the recent past. The unique feature of an ideal educational institution is to provide quality education. By educating an individual student, teachers attempt to train him/her the desirable skills, techniques, knowledge and creative thinking skills. With the advent of new technologies, the world is shrinking into a global village and the need for effective interaction among the stakeholders has become very much essential for the successful functioning of the organizations.

The teaching and non-teaching staff of the College continually strives to prepare the budding engineers to face the challenges of growing competition with poise and confidence by imparting high quality technical education. The educational programmes at CEH mainly focus on overall personality development and also on inculcating human values and professional ethics which help our students become more compassionate and socially responsible to lead a meaningful life.

It is indeed heartening to see the faculty and students of JNTUH College of Engineering Hyderabad do remarkably well in academics and research activities. College also prepares students to meet the challenges of the industry and its focus is on creating a self-motivated platform for knowledge expansion which in turn fills in the gap between academics and industry.

The University is prepared to accept new challenges and the COVID-19 pandemic has significantly disrupted the higher education sector also. During this critical period, the virtual world has come to the rescue of educational institutions and our constituent and affiliated colleges have shifted their teaching from face to face classes to virtual platforms to conduct online classes. Teachers are being trained continually to make use of online tools effectively.

My hearty congratulations to the editorial board for their strenuous efforts in bringing out this newsletter and I wish you all a very healthy and successful Academic Year 2020-2021.

Dr. A. Govardhan
Rector, JNTUH



Dr. M. Manzoor Hussain

Registrar, JNTUH

MESSAGE

It gives me immense pleasure and fulfillment to know that JNTUH College of Engineering Hyderabad is bringing out the first issue of half yearly newsletter. Students are our representatives and for their extensive development, the University provides a dynamic and positive ambience with excellent state-of-the-art infrastructural facility to enable active learning through effective teaching in the classroom. In CEH, it has become possible with the relentless efforts of our teaching faculty and it is believed that education is a shared commitment between dedicated teachers and motivated students.

Our motive is to provide quality education with employability skills to the students who can serve the society with high moral values. The course curriculum is planned based on the ever-changing needs of the industry so that students are absorbed in industry directly and become the proud alumni of the University. We also give much importance to research related activities so that the students gain higher technical and scientific ability and have an edge over others.

The entrepreneurship development activities and the creation of technology incubation centers in the University extend full support to the budding entrepreneurs to cherish their ideas with innovation and creativity and establish an enterprise for knowledge transfer and wealth creation. COVID-19 has compelled educational institutions to cancel their classes, examinations, internships etc. and to choose the online modes. Undeniably, the pandemic situation has given challenges and opportunities to the educational institutes to strengthen their technological knowledge and teachers and students are enthusiastically driven to continue their educational activities through online successfully.

Even in this chaotic situation, University is committed to keeping students informed time to time about important dates, procedures, and deadlines regarding their courses and examinations. Our chief motto is to develop technocrats as esteemed professionals with human values who can make remarkable contribution to the society and our nation. I am confident that we will accomplish good progress towards this direction through our collective efforts. I take this opportunity to congratulate the Principal, Vice-Principal, teaching and non-teaching staff of College of Engineering Hyderabad and the Editorial Board of this newsletter for all their efforts. I wish all a great success in their future activities.

Dr. M. Manzoor Hussain
Registrar, JNTUH



Principal's Message

I am happy to inform that College of Engineering Hyderabad is bringing out its first edition of half yearly Newsletter. The aim of the Institute is to impart quality technical education with a focus on sustainable and comprehensive technology synergizing teaching and research for societal relevance. While academic excellence is our major thrust, the college is also devoted to preparing and grooming students to face the challenges of tomorrow. The sign of a good education lies in its ability to inspire individuals throughout their lives. The motivating environment at CEH for knowledge acquisition and dissemination blended with human values has carved a niche for itself among the best technical institutes across the country.

As quoted by Mahatma Gandhi, you must be the change you wish to see in the world. It is very important to have a faith in people and if you give them the resources, they will create wonderful things with them. This is true with the educational institutes also. Our multidisciplinary programmes constantly update course content to meet the unprecedented challenges of the contemporary society and make students industry ready by equipping them with the required technical and soft skills. Besides academics we offer the best facilities for extracurricular activities that provide students opportunities to develop their talent and skills to full potential. Sports activities invigorate the campus and prepare students to be mentally and physically fit. Because of Covid-19 pandemic situation, the colleges are closed across the country and education has changed dramatically over the last four months, with a considerable rise of e-learning. Though e-learning poses a challenge to both students and teachers, it is keeping all the stakeholders busy with lecture material preparation and assignments. Even during this tough time, CEH has been moving ahead in the right direction, providing a holistic education to student community and playing a positive role in nation building. We reiterate our efforts to provide quality education accessible to all and create an environment for the over-all personality development of students.

I wish you all a great success.

Dr. B.N. Bhandari
Principal, JNTUH CEH



Vice-Principal's Message

John Dewey said that education is not preparation for life; education is life itself. The role of educational institutes in the present scenario is not only to pursue academic excellence but also to motivate and empower its students to become unparalleled learners, creative thinkers, and prolific members of an ever-changing global society.

In Jawaharlal Nehru Technological University College of Engineering Hyderabad (Autonomous) (JNTUHCEH), it is believed and practised that excellence is a continuous process. The academic results are always outstanding, and the students constantly excel in inter college competitions, sports, and NSS activities at both state and national levels. In this knowledge millennium, the

critical thinking skills are developed in our students to face future challenges. The college provides pleasant academic and aesthetic environment that allows the students to blossom to their fullest potential.

For more than five decades, the JNTUH CEH has been gradually updating its programmes and infrastructural facilities to skillfully address the increasing demands of the academia and industry. The established system and standards of this college are the outcomes of careful planning and meticulous execution. As a result of this, the college has reached higher levels of teaching, learning, research, innovation, incubation, and entrepreneurship. The special emphasis is on outcome-based education and experiential learning. The very flourishing alumni of CEH across the globe speak of the college's abiding commitment of quality education.

Technical Fest- 2020 was successful and the contribution of teaching and non-teaching staff is indeed laudable. I compliment the efforts of the HoDs, Conveners, Coordinators, and Students of various technical fests organized by the departments. I hope and believe that the same level of enthusiasm and meticulousness will be displayed throughout to make the institution achieve many more laurels.

COVID-19 disrupted academic year. In order to continue with classes, college is focusing on e-learning methods, shifting the paradigm towards online education. It is hoped that online classes will enhance learning opportunities and the students' ability to retain information.

I congratulate the teaching and non-teaching staff for their dedicated efforts and enormous contribution towards developmental activities in the college. Congratulations to the editorial team and I wish them good luck.

Dr. G.N. Srinivas
Vice-Principal, JNTUH CEH

JNTUH College of Engineering Hyderabad

Genesis and Growth of the Institute

The College was established as Nagarjuna Sagar Engineering College in 1965. It was under the administrative control of the Department of Technical Education and was affiliated to Osmania University, Hyderabad. With the formation of Jawaharlal Nehru Technological University on 2nd October 1972, it became a constituent college of the University and was later renamed as JNTUH College of Engineering, Hyderabad, and is located at Kukatpally, Hyderabad. The college celebrated its Silver Jubilee in 1990 and Golden Jubilee in 2016.

After the division of JNTU into four Universities in 2008, it became a constituent college to Jawaharlal Nehru Technological University Hyderabad. JNTUHCEH was conferred autonomous status by UGC, New Delhi in 2010-11 for a period of six years. All the UG programmes and 9 PG programmes are accredited by NBA, New Delhi.



Spandana Building
JNTUH College of Engineering Hyderabad

The activities of the college are basically supported by the budget allocation from the Government, University funds. Specific grants from different funding agencies like UGC, MHRD, AICTE, DST are also sought from time to time for the development of the college. The College has purchased modern and sophisticated equipment from the research and development grants received from MHRD, AICTE, DST and TEQIP (A World Bank-aided Project). The College was sanctioned Rs. 14.00 crores in TEQIP Phase-I and selected as Lead Institute. The college was also selected for TEQIP Phase-II and TEQIP Phase-III with financial support of around Rs.25 Crores. In addition, the College was also sanctioned Centre of Excellence in Disaster Management worth of Rs. 5.00 Crores under TEQIP. The Industrial Consultancy Services Unit of the college is very active in offering the expertise of the staff in

various fields like Structural Engineering, Geo-Technical Engineering, Surveying, Electrical Engineering and Mechanical Engineering.

JNTUHCEH presently has a good number of hostel blocks namely Manjeera & Kinnera for boys, Saraswati, Kamala Nehru & Gayathri for Girls apart from new PG Hostel Building. Other facilities in the campus are Banks, Post Office, Hospital, Canteen, Playground, Pavilion, Sports Complex Building etc. The college has NCC (National Cadet Corps) and NSS (National Service Scheme) units. CEH Students are recruited through campus placements.

Programmes offered at JNTUH CEH

I. Four Year B.Tech in Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering, Metallurgical Engineering, and Chemical Engineering.

II. Two Year Post Graduate Programmes leading to M.Tech in the specializations of Structural Engineering, Geo-Technical Engineering, Transportation Engineering, Power Electronics, Electrical Power Engineering, Thermal Engineering, Advanced Manufacturing Systems, Engineering Design, Energy Systems, Digital Systems & Computer Electronics, Systems & Signal Processing, Embedded Systems, Computer Science and Metallurgy.

III. PG Course in Master of Computer Applications (MCA).

IV. Five Year Integrated Dual Degree Programmes (IDP: B.Tech. + M.Tech./MBA) in Civil Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Electronics & Communication Engineering and Computer Science & Engineering

V. Five Year Integrated Dual Degree Masters Programme (IDDMP: B.Tech. + M.Tech. & MS) in which the PG part is collaborated with Bleking Institute of Technology, Sweden, in two Departments namely Electronics & Communication Engineering, Computer Science & Engineering.

VI. Five Year International Integrated Dual Degree Masters Programme (IIDDMP: B.Tech. + M.Tech. & MS) in which the PG part is collaborated with Asian Institute of Technology, Bangkok in Electronics & Communication Engineering and Computer Science & Engineering.

*Where there is righteousness in the heart, there is harmony in the house; when there is harmony in the house, there is order in the nation; when there is order in the nation, there is peace in the world - **A. P. J. Abdul Kalam***



Participation of JNTUHCEH Faculty & Students in 3k Run

Department of Civil Engineering

New Equipment/Software Installed

The Department of Civil Engineering purchased

- Settlement of reinforced embankment on soft ground with stage construction; Pressure cells, LVDT, Settlement gauges magnetic settlement plate, Surface settlement plate essential Miscellaneous items, cable and readout unit, Piezometer and Geo PIV Equipment for Geotechnical Engineering Laboratory to conduct B.Tech/M.Tech Lab Coursework at the cost of Rs.18,68,291.25/- dated 10.03.2020 under TEQIP – III.

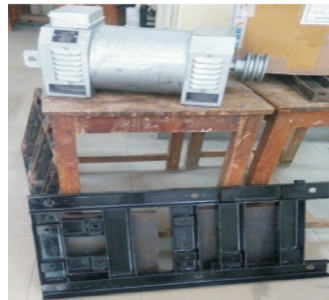


Geotechnical Engineering Lab Equipment

- Block Vibration Test Setup and Data Acquisition System For Geotechnical Engineering Laboratory to conduct B.Tech / M.Tech online classes at the cost of Rs. 15,35,730.00/- dated 14.03.2020 Under TEQIP –III.



Geotechnical Engineering Lab Equipment



Purchased Geo Centrifuge Equipment
Rs.30,84,500.00/- dated 03.07.2020 (Under JNTUH -TEQIP)



Demonstration by Dr. P. Sravana, HoD

Details of Conference Organized by the Faculty

- Dr. G. V. Narasimha Reddy, Professor & Dr. V. Padmavathi, Professor organized a “National Conference on Geotechnical Applications 2020 (GEOAPPS – 2020)” under TEQIP –III twinning program with INDIAN GOTECHNICAL SOCIETY Hyderabad Chapter

Details of Conferences/Seminars/FDPs Attended by the Faculty

- Dr. P.Srinivasa Rao, Professor attended National Conference on “Limit State Design of Steel Structures as per Indian code (LSDSS’20)” organized by IIT Chennai from 12th-14th Feb-20.
- Dr. P.Srinivasa Rao, Professor attended NACE International Gateway India Section organizing online Education & Training Course on “Corrosion Control of City Gas Distribution” during 23rd-25th July 2020.

- Dr .P.Srinivasa Rao, Professor attended NACE International Gateway India Section organizing online Education & Training Course during 17th- 19th August '2020.
- Dr.B.Siva Konda Reddy, Associate Professor attended A One Week International Online Faculty Development Program (FDP) on Latest Trends in Engineering, Science and Technology : Nano Materials (LIET: Nano Materials) organized by LENDI Institute of Engineering and Technology , Kakinada during 10th – 15th August'2020.

Invited Talks/Expert Lectures Delivered by the Faculty

- Dr.S.Srinivasulu, Professor, delivered an Invited Talk in 3rd Edition of National Conference on Recent Advances in Science & Technology” (3rd NCRAS 2020) at Assam Science and Technology, Jalukbari, Gawahati during 17th -19th August 2020.
- Dr. M. Padmavathi, Associate Professor, Coordinator, BICS, JNTUH delivered a talk on “Sustainable Engineering Materials” in one-week FDP on “Sustainable Construction Materials, SCM (2020)” organized by the Department of Civil Engineering, CMR College of Engineering during 15th - 20th July 2020.

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

- Dr .M. Padmavathi, Associate Professor & Coordinator BICS organized a Webinar Based short course on “Reinforced Soil Structures: Design Methods, Issues and Innovations” (RESSDI-2020) on 25th July 2020.

Journal/ Conference Papers Reviewed by the Faculty

- Dr.P.Sravana, Professor & HoD reviewed a research paper entitled “Effective of Nano - Silica Fume on Consistent Fluidity of Concrete Pavement mix by Assistance of Super plasticizer” in 3rd International Conference at Iran in March' 2020
- Dr.P.Srinivasa Rao, Professor acted as a Reviewer for National Journal of “Indian Concrete Journal” for ACC Limited.
- Dr.P.Srinivasa Rao, Professor acted as a Reviewer for National Journal of “Journal on Civil Engineering” for i-manger publishers.
- Dr.K.Manjulavani, Professor & BOS Chairman JNTUH acted as a Reviewer for International Journal of “Remote Sensing” for Taylor & Francis.

- Dr.K.Manjulavani, Professor & BOS Chairman JNTUH acted as a Reviewer for International Journal of “Geo Sciences” for American Journals.
- Dr.K.Manjulavani, Professor & BOS Chairman JNTUH acted as a Reviewer for International Journal of “Advance in Material Sciences” for Elsevier Journals.
- Dr.S.Srinivasulu, Professor acted as a Reviewer for International Journal of “American Society of Civil Engineering”.
- Dr.S.Srinivasulu, Professor acted as a Reviewer for International Journal of “Elsevier”.
- Dr.M.Padmavathi, Associate Professor acted as a Reviewer for International Journal of “Advance in Material Sciences” for Hindwai Publishers.
- Dr.M.Padmavathi, Associate Professor acted as a Reviewer for International Journal of “Engineering of Structures” for Elsevier Publishers.

Journal Papers Published by the Faculty

- Dr. P.Srinivasa Rao, Professor Published a journal paper titled “A Research Title on Alccofine Concrete” for an *International Journal ISSN: 2278-3075, Volume - 9, Issue No 5* in March 2020.
- Dr. P.Srinivasa Rao, Professor Published a paper titled “ Effect Freezing and Thawing on Quaternary blended self compacting Concrete in I – managers Journals Vol - 8,No 4,pp 10-16 in Dec'19 & March 2020.
- Padmavathi M, Associate Professor , Padmavathi V, Professor & Madhav M.R, Emeritus Professor(2020) Published a paper titled “Response of two-pile group subjected to vertical eccentric load,” *International Journal of Geotechnical Engineering*, Vol.14, no.6,pp.626-635, DOI: 10.1080/19386362.2019.1652452
- Padmavathi M, Associate Professor , Padmavathi V, Professor & Madhav M.R, Emeritus Professor published a paper in *International Journal on Science and Research*, Vol.8, No. 8, pp. 1572-1578. ISSN: 2319-7064.

New Appointments

- Dr.K.M.Lakshmana Rao, Professor of Civil Engineering was appointed as “Director, BICS” at JNTUH University.
- Dr.M.Padmavathi, Associate Professor of Civil Engineering was appointed as “Coordinator, BICS” at JNTUH University.

“Keep your face to the sunshine and you can never see the shadow.”- Helen Keller

Department of Electrical & Electronics Engineering

New Infrastructure Development in the Department

- The department of Electrical & Electronics Engineering has setup a Power Converter Applications Lab (Under TEQIP-III) at the cost of Rs.40, 00,000/- Lakhs.

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

- Dr. A. Raghu Ram, Professor & HoD and Dr. K. H. Phani Shree, Associate Professor organized a National Event titled “GO SOLAR” on March 12th & 13th 2020 at JNTUH-CEH. 100 participants attended the Event.
- Dr. K. Naga Sujatha, Professor & Dy. Director, UGC-HRDC JNTUH organized a Three-Day Training Programme titled “Outcome Based Education” from 5-3-2020 to 7-3-2020 and funded by AICTE. 30 participants attended the programme.

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

- Dr. A. Raghu Ram, Professor & Head attended A One Day National Webinar on “NAAC Assessment and Accreditation Process” on 03rd July 2020.
- Dr. G. Tulasiram Das, Professor attended A One Day National Web-Conference on “Electricity (Amendment) Bill, 2020”, organized by The Institute of Engineers (India)” on 18th May 2020 at Khairatabad, Hyderabad.
- Dr. N. Yadaiah, Professor attended A Two-Day National Webinar on “Intellectual Property Rights” during July 15-16, 2020
- Dr .N. Yadaiah, Professor attended a One Day National webinar on “IEEE - ABET Webinar on Accreditation and Quality of Engineering Education in South Asia” on 08th July 2020.
- Dr. N. Yadaiah, Professor attended a One Day National Webinar on “NAAC Assessment and Accreditation Process” on 03rd July 2020.
- Dr. N. Yadaiah Professor attended a One Day National Workshop on “Right to Information Act organized by NAHRD” on 10th June 2020.
- Dr. N. Yadaiah, Professor, attended A Four Day Training Program on “Professional Development Training” Under TEQIP III held at the Indian Institute of Management, Indore during February 10-14, 2020.
- Dr. A. Jaya Laxmi, Professor attended A One Day National Webinar on “NAAC Assessment and Accreditation Process” on 03rd July 2020.

- Dr. K. Naga Sujatha, Professor attended A Two Day “International Conference on Electrical and Electronics Engineering” during February 28-29, 2020.
- Dr. K. Naga Sujatha, Professor attended a Three-Day Workshop on “Outcome Based Education” during March 5th & 6th 2020 at JNTUH-CEH.
- Dr. K. Naga Sujatha, Professor attended a Three-Day National Workshop on “AICTE Mandate Examination Reforms-Outcome Based Teaching, Learning and Assessment Strategies” during 25-09-2019 to 27-09-2019.

Invited Talks/Expert Lectures Delivered by the Faculty

- Dr. G. Tulasiram Das, Professor delivered a talk on “Power Quality Enhancement for Grid-connected Wind Energy Systems” in all India Seminar on “Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India” invited by Institute of Engineers(India) on 19th February 2020, Telangana State, Hyderabad.
- Dr. K. Naga Sujatha, Professor, was invited by Ramachandra College of Engineering, Vatluru (V), Eluru, W.G. Dist., A.P to deliver a talk on “Applications of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) in Electrical Engineering” on February 01 2020.
- Dr.K. Naga Sujatha, Professor was invited by all India Seminar on “Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India to deliver a talk on “Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies” during February 19-20, 2020, at the institution of Engineers, Hyderabad.

Journal Papers Published by the Faculty

- Dr. A. Raghu Ram, Professor & HoD presented/ published a paper on “IOT Based Smart Street Lighting System for Smart Cities”, *International Conference, ICSESEV-2020*, 8-10 January 2020.
- Dr. G. Tulasiram Das, Professor published a paper on “Adaptive Fuzzy Controller based Self-Regulated Reference Stator Flux Estimator of Direct Torque Control for Three level Inverter fed IPMSM”, *International Journal*, Vol.13, No.2. 2020 PP 11-19 and ISSN No. 2185-3118, March 2020.
- Dr. N. Yadaiah, Professor published a paper on “Effect of SVM and Advanced SVM on the Flux and Torque Ripple of DTC IM Drive”, *Journal of Mech. Cont.& Math. Sci*, Issue, No.-5, pp 14-32. January 2020.
- Dr. K. Naga Sujatha, Professor & Dy. Director, UGC HRDC presented/published a paper on “Operation of Droop-controlled Hybrid Islanded Multiple Subgrids”,

“Your time is limited, so don’t waste it living someone else’s life” – Steve Jobs

International Conference on Electrical and Electronics Engineering, February 28-29, 2020.

- Sri. D. Kiran Kumar, Asst. Prof., published a paper on “Adaptive Fuzzy Controller based Self-Regulated Reference Stator Flux Estimator of Direct Torque Control for Three level Inverter fed IPMSM”, *International Journal*, Vol.13, No.2. 2020 PP 11-19 and ISSN No. 2185-3118, March 2020.

Conference Papers Presented by the Faculty

- Dr. A. Jaya Laxmi, Professor presented a paper titled “Artificial Intelligence Techniques Application to Reactive Power Dispatch for Voltage Profile Improvement”, at All India Seminar on “*Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India*”, 19th and 20th February 2020.
- Dr. A. Jaya Laxmi, Professor presented a paper on “Design and Develop a Priority Based Converter for Micro grid”, at All India Seminar on “*Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India*”, 19th and 20th February 2020
- Dr. A. Jaya Laxmi, Professor presented a paper on “Analysis of Anti Islanding Techniques in distributed Energy Resources”, at All India Seminar on “*Policies of Governments, Paradigms Challenges and Opportunities for Sustainable Electrical Power in India*”, 19th and 20th February 2020.
- Dr. A. Jaya Laxmi, Professor presented a paper on “Optimal electric power wheeling for effective load management”, at National Conference published in All India Seminar on “*Load Management in Electrical Power Systems in India*”, 18th and 19th March 2020.
- Dr. A. Jaya Laxmi, Professor presented a paper on “A Review paper on AC/DC Micro-Grid Protection”, in All India Seminar on “*Load Management in Electrical Power Systems in India*”, 18th and 19th March 2020.
- Dr. K. Naga Sujatha, Professor & Dy. Director, UGC HRDC presented a paper on “Future Perspectives of Renewable Energy Sources and Energy Efficiency Technologies”, in All India Seminar on “*Policies of Governments, Paradigms Challenges and Opportunities for sustainable electrical power in India*”, February 19-20, 2020.
- Dr. K. Naga Sujatha, Professor & Dy. Director, UGC HRDC presented a paper on “Energy Optimization of Buildings through Sustainable Materials”, *International Journal of Engineering and Advanced*

Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3,

- Dr. K. Naga Sujatha, Professor & Dy. Director, UGC HRDC presented a paper on “Operation of droop-controlled hybrid islanded multiple subgrids” at International Conference on Electrical and Electronics Engineering February 28-29, 2020

New Appointments and Promotions

- Sri. D. Kiran Kumar, Asst. Professor was appointed as Project Engineer (Electrical), JNTUHCEH.
- Sri.D.Kiran Kumar, Asst. Professor was appointed as Warden for Manjeera Hostel, JNTUHCEH.

Students Achievements

- Students of EEE department Organized Technical Symposium PRAGNYA-2020 during March 12th & 13th 2020. 1500 participants attended the Event.

Department of Mechanical Engineering

Details of Webinars/ Conferences/Seminars/

Workshops/FDPs Organized by the Faculty

- Dr.E.Ramjee, Professor organized a Three Day National Online Webinar on Current Approaches and Future Prospects on Alternative Energy Production during 17 to 19 August -2020 under TEQIP-III with 106 participants. Dr.AVSS KS Gupta, HoD was the Chief guest of inauguration/ valedictory sessions. 106 participants attended the Event.
- Dr.P.Bhramara, , Professor organized a One Day National Programme on Parametric Analysis of Nano Fluid Heat Transfer Augmentation on 25th August 2020 under TEQIP-III. Dr.AVSS KS Gupta, HoD was the Chief Guest of inauguration & valedictory sessions.
- Dr.P.Bhramara, Professor organized IQAC Workshop on Preparing for UG Accreditation during 12th to 14th August -2020. Professor B. Bhandari, Principal was the Chief guest of inauguration & valedictory sessions. 93 participants attended the workshop.
- Sri. A.Balaram Naik, Assoc.Prof. Organized a programme on Ornithopter-2020 during 24-25 Feb 2020 as a part of Connaissance-2020. Prof.A.Govardhan, Registrar, JNTUH was the Chief Guest of inaugural / valedictory session. 250 participants attended the programme.
- Sri. A.Balaram Naik, Assoc.Prof. organized a programme on Autonomous-2020 during 25-26 Feb 2020 as a part of Connaissance-2020. Prof. A.Govardhan, Rector, JNTUH was the Chief Guest of inaugural/ valedictory session. 220 participants attended the programme

“However difficult life may seem, there is always something you can do and succeed at” – Stephen Hawking

- Sri. A.Balaram Naik, Assoc.Prof. organized a programme on Vision IAS on 28th Feb 2020 as a part of Connaissance-2020. Prof.A.Govardhan, Rector, JNTUH was the Chief Guest of inaugural/valedictory session. 400 participants attended the programme.

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

- Dr.A.Aruna Kumari, Professor attended a National Professional Development Programme for faculty & administrators of institutions under TEQUIP-III during 2nd -6th March 2020 at Seminar Hall, Mechanical Engineering Department
- Dr.A.Aruna Kumari, Professor attended a national online tools & software for remote teaching during 16th -18th May,2020 at UGC HRDC, JNTUH.
- Dr.A.Aruna Kumari, Professor attended a national programme on Advancements in Phase Change Material based Thermal and Renewable Energy Techniques during 06th-08th June, 2020 at Lakireddy Balireddy College, Mylavaram
- Dr.A.Aruna Kumari, Professor attended a 2-day workshop on outcome-based education, NBA approach during 11th -12th, June 2020
- Dr.A.Aruna Kumari, Professor attended a programme on Mendeley for researchers: bibliography and networking on 13th June, 2020 at KPR institute of Technology, Coimbatore
- Dr.E.Ramjee, Professor attended a Professional development programme for faculty & administrators of institutions under TEQUIP-III during 2nd -6th March 2020.
- Dr. P Bhramara, Professor attended a programme on MOOCS, e-content Development and Open Educational Resources during 10th -12th Feb 2020 at UGC-HRDC, JNTUH.
- Dr. P Bhramara, Professor attended a programme on Incorporating Universal Human Values in Technical Education (An AICTE Initiative) during 18th -23th April 2020 at UGC-HRDC, JNTUH.

Journal/ Conference Papers Reviewed by the Faculty:

- Mr. Ravi Gugulothu, Assistant Professor (C) reviewed 28 research papers for International Journal of Energy.

Journal Papers Published by the Faculty:

- Sri A.Balaram Naik, Associate Professor published a paper on Macro and microstructure evaluation of TIG weld on DSS (2304) with bead geometry at three positions in ELSEVIER: Materials Today: Proceedings,

<https://doi.org/10.1016/j.matpr.2020.03.712> on 25th - March 2020.

- Dr P Bhramara, Professor published a paper on Effect of Low Volume Concentration on Heat Transfer Enhancement of EG-Water Based Fe₃O₄ Nanofluid in International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol No.9, Issue No.4, pp.1796-1802 in February 2020.

Details of Patents/Copyrights Filed/Awarded:

- Dr.AVSSKS Gupta, Professor&Head of the Department applied for a Patent with registration number 20204102908.

New Appointments

- Sri A.Balaram Naik, Associate Professor was appointed as Deputy Warden for International Students Hostel, JNTUH Campus.

MED Students' Achievements

GATE-2020 Ranks

S.No.	ROLL NO	Name	Marks	Score	Rank
1.	16011A0349	Y. UdayKumar	41.15	436	14973
2.	16011A0310	Valasachandra shekar	42.20	449	14075
3.	16011A0318	V.Keerthypriya	40.46	428	15494
4.	16011A0312	Gayathri Bharadwaj Boinapalli	57.56	634	4598
5.	16011A0325	NitishVarma	39.46	416	16391
6.	16011A0344	Lakavath Swapna	26.62	261	31219
7.	16011A0329	R.Preethi	42.20	449	14075
8.	16011A0323	P.Nikhitha	41.77	444	14516
9.	17015A0301	Pochinapeddi Sai Bhargav	58.89	650	3999
10.	16011A0338	Banoth Saivinaik	28.93	289	28111
11.	16011A0343	Srikanth sagarla	23.33	221	36970
12.	16011A0316	Kaushal Gujrathi	65.14	725	1924
13.	16011A0347	L.Tharaka Rathna	50.23	546	8501
14.	16011A0311	Divya Surkanti	42.55	453	13790

Centre for Energy Studies

Journal/ Conference Papers Published by the Faculty

- Dr.M. T.Naik Professor & Coordinator published a paper on Influence of strain rates on forming characteristics of ASS3 16 L sheets at elevated temperatures in an international Journal.

"Only those who risk going too far can possibly find out how far one can go" – Thomas Stearns Eliot

Department of Electronics and Communication Engineering

Conferences/Workshops/FDPs Organized by the Faculty

- Dr. K. Anitha Sheela, Professor and HoD conducted a National level Workshop on “Two Day Boot Camp on Robotic Operating Systems”, during 7-8 February 2020 in collaboration with Smart Bridge.
- Dr. K. Anitha Sheela, Professor and HoD conducted a National level, “Two Days Workshop on 5G Technologies”, during 25-26 Feb 2020 in collaboration with Mathworks.
- Dr. D. Srinivasa Rao, Professor coordinated “SPOORTHI 2020” A National Level Technical Fest, organized by the students during 12-13 March 2020.
- Dr. D. Srinivasa Rao, Professor coordinated A Ten-Day National Training Programme on “C programming and data structures” sponsored by TEQIP-III, JNTUH during 27th Jan to 6th Feb 2020

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

- Dr. M. Madhavi Latha, Professor & Director, Academic & Planning, JNTUH attended a Three-Day National Workshop on “Designing LTE and LTE Advanced Physical Layer Systems” under TEQIP-III during 27- 29 February 2020.
- Dr A. Rajani, Associate Professor attended a Three-Day Workshop on ML using Python” organized by VJIT College of Engineering and Technology during 5-7 March 2020.
- Mr. D. Karunakar Reddy, Asst. Prof(C) attended a Webinar on “How to Improve Teaching Skills” on 24 June 2020 organized by MLR Institute of Technology.
- Mr. D. Karunakar Reddy, Asst. Prof(C) attended a Webinar on “Recent Advances in COVID-19 Treatment: Indian Perspective” held on 26 June 2020 organized by Sridevi Women’s College, Hyderabad.
- Mr. M. Sampath, Asst. Prof(C) attended a Webinar on “An Impact of Document Image Processing in A Decade Research” held on 26 June 2020 organized by Vaagdevi Engineering College, Hyderabad.
- Mr. M. Sampath, Asst. Prof(C) Completed a NPTEL Online Certification Course on Topic “Digital Electronic Circuits” Duration 12 weeks January-April 2020.
- Mr. M. Sampath , Asst. Prof(C) attended 5 days Certificate Program on Partial Reconfiguration on “Xilinx FPGA/ZYNQ SoC using Xilinx Vivado” Organized by Apply Volts held from 20-24 June 2020
- Mr. M. Sampath , Asst. Prof(C) Attended a Webinar on “Research paper topatent filing – A Road Map” organized by VELS College of Information and Technology held on 25th June 2020.

- Mr. M. Sampath, Asst. Prof(C) Completed an Online Course “Introduction to Electronics” organized by Georgio Institute of Technology held on 21st June, 2020.
- Mr. M. Sampath, Asst. Prof(C) Completed an Online Coursera “Mind Control: Managing Your Mental Health During COVID-19” “Organized by University of TORONTO with the duration of four weeks in June 2020.
- Mr. A. Shravan Kumar, Asst. Prof(C) Attended a Webinar on “Industry 4.0: Convergence of Technologies” Duration 28th May 2020 organized by E & ICT IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof (C) attended a Webinar on “Lpwan Design and Applications” held on 17th May 2020 organized by E & ICT, IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “Deployment Challenges of IoT” held on 19th May 2020 organized by E & ICT IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “5G Applications & Autonomous CARS” held on 21st May 2020 organized by E & ICT IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “Implementation of Machine Learning in E-Commerce on 23rd May 2020 By E & ICT IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “Electrical Vehicle Infrastructure on 24th May 2020 by E & ICT IITGUWAHATI.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “Creating Chatbots Using Ai on 28th May 2020 by E & ICT IIT Guwahati.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “How to Improve Teaching Skills on 24th June 2020 by MLR Institute of Technology.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “Recent Advances in COVID-19 Treatment: Indian Perspective” held on 26th June, 2020 organized by MGIT.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Webinar on “NAAC Assessment and Accreditation Process on 03rd July 2020 organized by UGC-HRDC, JNTUH, Hyderabad.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a One-week National level FDP and online training on SCILAB-An Open Source Substitute for MATLAB from 25th May to 30th May 2020 organized by JNTUH-CES and Spoken Tutorial Project IIT Bombay.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a One-week National level FDP and online training on Moodle Learning Management System from 10th

“The most difficult thing is the decision to act, the rest is merely tenacity” – Amelia Earhart

- June to 15th June 2020 organized by JNTUH-CES in association with Spoken Tutorial Project IIT Bombay.
- Mr. A. Shravan Kumar, Asst. Prof(C) attended a Five-day Certification program on Partial Reconfiguration on Xilinx FPGA/ZYNQSoC using Xilinx Vivado held from 20th to 24th of June 2020.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended a Partial Virtual Workshop on PYNQ-Python Productivity for ZYNQ& its Application held on 25th June 2020.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended a Three-day FDP on using Convolution Neural Networks from 08th June to 10th June, 2020 by Blackbuck Engineers and Anurag University.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended a Three-day FDP on “VLSI IC Design Flow” from 28th May to 30th May 2020 organized by Anurag University in association with the Institute of Engineers (IEI) and Entuple Technologies.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended a One-week FDP on “Advancements in Science and its Applications in Engineering” from 22nd to 26th June 2020, by HITAM.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended an Online Courser “Mind Control: Managing Your Mental Health during COVID-19” Organized by University of Toronto duration 4 weeks June 2020.
 - Mr. A. Shravan Kumar, Asst. Prof(C) attended an Online Course “Wireless Communications for Everybody” organized by Yonsei University offered through Coursera, for 6 weeks June 2020.
 - Mr. A. Shravan Kumar, Asst. Prof (C) attended an Online Coursera “Programming for Everybody (Getting Started with Python)” organized by University of Michigan, Duration 4 weeks June 2020.
 - Mr. M. Kanaka Chary, Asst. Prof(C) attended a Webinar on “How to Improve Teaching Skills” on 24th June 2020 organized by MLR Institute of Technology.
 - Mr. M. Kanaka Chary, Asst. Prof(C)), attended a Online Coursera “Mind Control: Managing Your Mental Health During COVID-19” Organized by University of Toronto duration 4 weeks June 2020.
 - Mr. M. Kanaka Chary, Asst. Prof(C), attended an Online Course “Plagiarism” Presented by Catriona Fennell during 25th June 2020.
 - Ms. B. Manasa, Asst. Prof(C) attended a NPTEL Online Certification Course on Topic “Principles of Communication System - I” organized by Swayam duration 12 weeks January-April 2020.
 - Ms. B. Manasa, Asst. Prof(C), attended a Webinar on “How to Improve Teaching Skills” on 24th June 2020 organized by MLR Institute of Technology.
 - Ms. B. Manasa, Asst. Prof(C), attended a Webinar on “Deep Learning for Automatic Speech Recognition” organized by AISSM Institute of Information and Technology on 26th June 2020.
 - Ms. B. Manasa, Asst. Prof(C), attended a Webinar On “CHATBOTS” held on 25th June 2020 organized by Aurora’s Scientific, Technological and Research Academy, Hyderabad.
 - Ms. B. Manasa, Asst. Prof(C) Completed a Coursera on “COVID-19 Contact Tracing Organized by Johns Hopkins University duration 1-week in June 2020.
 - Ms. B. Manasa, Assistant Professor (Contract), Completed an Online Coursera “Mind Control: Managing Your Mental Health During COVID-19” Organized by University of TORONTO duration 4 weeks in June 2020.
 - Ms. B. Manasa, Asst. Prof(C), Completed an Online Coursera “Wireless Communication for Everybody” organized by Yonsei University, duration 6 weeks June 2020.
 - Ms. B. Manasa, Asst. Prof(C), Completed a NPTEL Online Certification Course on Topic “ Principles of Communication System - I” organized by NPTEL, duration 12 weeks January-April 2020.
 - Ms. B. Manasa, Asst. Prof(C), Completed an Online Course on “Cyber Security and Internet of things” organized by Coursera, duration 4 weeks June, 2020.
 - Mr. K. Narender Reddy, Asst. Prof(C) attended a Webinar on “CHATBOTS” held on 25th June 2020 organized by Aurora’s Scientific, Technological and Research Academy, Hyderabad.
 - Mr. K. Narender Reddy, Asst. Prof(C) attended a Webinar on “Deep Learning for Automatic Speech Recognition” organized by AISSM Institute of Information and Technology on 26th June 2020
 - Mr. K. Narender Reddy, Asst. Prof(C), attended a Webinar on “How to Improve Teaching Skills” on 24th June 2020 organized by MLR Institute of Technology.
 - Mr. K. Narender Reddy, Asst. Prof(C), attended Webinar on “Reimagining How to Sustain Student Engagement & Learning—Virtually” organized by Education week held on 24 June 2020.
 - Mr. M. Rajesh, Asst. Prof(C) attended a Webinar on “How to Improve Teaching Skills” on 24th June 2020 organized by MLR Institute of Technology.
 - Mr. M. Rajesh, Asst. Prof(C) attended a Webinar on “Deep Learning for Automatic Speech Recognition” organized by AISSM Institute of Information and Technology on 26th June 2020.
 - Mr. M. Rajesh, Asst. Prof(C) attended a Webinar on “LPWAN Communication in IIoT (Industrial IoT)” organized by Smart Bridge in collaboration with SpaceAge Labs on 26th June 2020.
 - Mr. M. Rajesh, Asst. Prof(C) attended an Online Coursera “Wireless Communication for Everybody”

“Don’t worry about failures, worry about the chances you miss when you don’t even try” – Jack Canfield

- organized by Yonsei University, duration 6 weeks June, 2020.
- Mr. M.Rajesh, Asst. Prof(C) attended an Online Coursera “Mind Control: Managing Your Mental HealthDuring COVID-19” Organized by University of TORONTO duration 4 weeks June 2020.
 - Mr. P.Sravan Kumar, Asst. Prof(C), attended an Online Course “Wireless Communications for Everybody” organized by Yonsei University offered through Coursera, Duration 6 weeks June 2020
 - Mr.P. Sravan Kumar, Asst. Prof(C), attended a Webinar on “Recent Advances in COVID-19 Treatment: Indian Perspective” organized by MGIT College of Technology, held on 26-06-2020.
 - Mr.P. Sravan Kumar, Asst. Prof(C), attended a Webinar on “An Impact of Document Image Processing in A DecadeResearch” organized by Vaagdevi Engineering College Hyderabad held on 26th June,2020.
 - Mr.P. Sravan Kumar, Asst. Prof(C) , attended a Webinar on “Research Metrics in Scientific Publications” conducted on 27th June 2020
 - Mr.P. Sravan Kumar, Asst. Prof(C) attended an Online Coursera “Mind Control: Managing Your Mental HealthDuring COVID-19” Organized by University of Toronto for 4 weeks June 2020.
 - Mrs. G. Sherly Divya, Asst. Prof(C) attended a Webinar on “Coping Strategies for India’s economy During post Covid 19” organized by NIFM, Faridabad held on 23rd May,2020.
 - Mrs. G. Sherly Divya, Asst. Prof(C) attended a Webinar on “How to Improve Teaching Skills”on 24th June 2020 organized by MLR Institute of Technology.
 - Mrs. G. Sherly Divya, Asst. Prof(C) attended an FDP Program on “Automation on Robotics” organized by Malla Reddy College of Engineering, during 24th - 30th June 2020.
 - Mrs. G. Sherly Divya, Asst. Prof(C) attended a Webinar on “COVID-19-Problems and Challenges of Women”, conducted byG. Narayanamma Institute of Technology and Science, Hyderabad in association with CIIWN on 27 June, 2020.
 - Mrs. G. Sherly Divya, Assistant Professor (C) attended a Three-Day Online Faculty Development Program on “Digital IC Design with DFT Concepts using Mentor Graphics Tools” from 29 June -1 July 2020 Organized by Mahaveer Institute of Science & Technology in Collaboration with APPLY VOLT.
 - Mrs. J. Samrajam, Asst. Prof(C) attended a “Faculty Awareness Programme on NBA to keep in touch with NBA Accreditation” organized by Internal Quality Assurance Cell(IQAC), PACE Institute of Technology and Sciences, Ongole on 21 May 2020.
 - Mrs. J. Samrajam, Asst. Prof(C) attended an Online Coursera “Wireless Communication for Everybody” organized by Yonsei University ,for 6 weeks in June,2020.
 - Mrs. J. Samrajam, Asst. Prof(C) attended an Online Coursera “Mind Control: Managing Your Mental Health during COVID-19” organized by University of Toronto duration 4 weeks in June 2020.
 - Mrs. J. Samrajam, Asst. Prof(C) attended a One-week Faculty Development on “Advancement in Science and its applications in Engineering” organized by HITAM College of engineering during 22nd -26th June,2020
 - Mrs. J. Samrajam, , Asst. Prof(C) attended a four day faculty development programme on “Machine learning for Signal Processing and VLSI”, organized by Centre for Artificial Intelligence and Machine Learning, Department of Electronics and Communication Engineering, Anurag university, Hyderabad, India during 5th -8th June2020.
 - Mrs.Ch. Alekya, Asst. Prof(C) attended an FDP Program on “Automation on Robotics” organized by Malla Reddy College of Engineering during 24-30 June 2020.
 - Mrs.Ch. Alekya, Asst. Prof(C) attended a One-week Faculty Development programme on “Advancement in Science and its applications in Engineering” organized by HITAM College of engineering during 22 -26 June2020.
 - Mrs.Ch. Alekya, Asst. Prof(C) attended a four-day faculty development programme on “Machine learning for Signal Processing and VLSI”, Organized by Centre for Artificial Intelligence and Machine Learning, Department of Electronics and Communication Engineering, Anurag university, Hyderabad, India during 5 -8 June 2020.
 - Mrs.Ch. Alekya, Asst. Prof(C) Completed a Online Coursera “Wireless Communication for Everybody” organized by Yonsei University, duration 6 weeks in June 2020.
 - Mrs.Ch. Alekya, Asst. Prof(C) completed a Online Coursera “Mind Control: Managing Your Mental Health During COVID-19” organized by University of Toronto for 4 weeks June 2020.
- Invited Talks/Expert Lectures Delivered by the Faculty**
- Dr.L.Pratap Reddy,Professorof ECE Dept. delivered a talk on “Outcome Based Education & NBA Accreditation” organized byRajarajeswari College of Engineering, Bangalore during January 23rd, 2020.
 - Dr.L.Pratap Reddy, Professorof ECE Dept. delivered a talk on “Research Ethics & Paper Writing” organized by JNTUH college of Engineering Manthani, during February 29th, 2020.
 - Dr.D.Sreenivasa Rao Professorof ECE Dept. Was a Resource Person at AICTE one Week “STTP on Advance analysis of Wireless Communication and

Soft Computing” organized by CMR Engineering College, Hyderabad during February 01, 2020.

- Dr. T. Satya Savithri, Professor of ECE Dept. delivered a talk on “Image Processing in TAIC’20, organized by Talla Padmavathi College of Engineering, Warangal on 06 February 2020.
- Dr. A. Rajani, Associate Professor of ECE Dept. delivered a talk on Two Week National Level Training Program on AI, ML & DL organized by CMR CET, Hyderabad during February 24th, 2020.

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

- Guest Lecture is arranged on “Drones and Geospatial information systems” by Wing Commander (Retd.) Sri Sridasyam, Alumni of 1993 Batch student of ECE department, on 07th December 2019 at CRC Seminar Hall, JNTUHCEH.

Journal Papers Published by the Faculty:

- Dr. K. Anitha Sheela, Koteswar Rao et al Face Recognition System Using a Hybrid Scale Invariant Feature Transform Based on Local Binary Pattern, e-Book on Image Processing and Capsule Networks by Springer, Volume 1200, May 2020, pp: 794-804.
- Dr. K. Anitha Sheela, Koteswar Rao et al, A Novel Sub Pattern Deep Convolution Neural Network Using Kernel SVM Classifier for Face Recognition, Elsevier Journal, Accepted for Publication.
- Dr.K.Anitha Sheela et al, Covid-19 social distancing with speech enabled online marketplace for farmers, applied for publication in IETE Journal in June 2020.
- Dr D Sreenivasa Rao, “Kollem S., Reddy, K.R.L., Rao, D.S. Modified transform-based gamma correction for MRI malignant image denoising and tumor segmentation by optimized Histon based elephant herding algorithm. International Journal of Imaging Systems and Technology, <https://doi.org/10.1002/ima.22429>, 1-23. Feb 2020.
- Dr. T Satya Savithri, Professor “Satellite Tracking Data Acquisition System using Reconfigurable SoC Journal of Xi’an University of Architecture & Technology, ISBN No.ISSN No:1006-7930, Vol No.XII, Issue No.III, pp.4471-4475, Xi’an University.
- Dr. A. Rajani, “Bio-Medical Signal Processing using Deep Learning” Bioscience Biotechnology Research Communications, Special Issue Vol 13 No (2) Pp-26-29), 2020
- Mr. M .Rajesh, “Energy Efficient Mobility Aware Clustering Hybrid MAC Protocol in WSN” International Journal of Recent Technology and

Engineering (IJRTE), Vol.08, Issue.06, pp. 4900-4904, March 2020.

Conference Papers Presented/published by the Faculty

- Dr. K.Anitha Sheela, Anil Kumar. Ch., “Emotion Recognition from Facial Biometric System Using Deep Convolution Neural Network(D-CNN)”, NSC-2019, 43rd National Systems Conference on Innovative and Emerging Trends in Engineering Systems, during December 6th - 8th, 2019 in association with Systems Society of India at IIT, Roorke.

Any Other Achievements by the Faculty

- AICTE RPS Project Titled “Design and implementation of Sign Language Translator (SignXter) using Hierarchical LSTMs” got sanctioned worth Rs. 12, 53,529.00 for a period of 3 years from Aug 2020-2023, with Principal Investigator Dr. K. Anitha Sheela, Professor and HoD of ECE.
- RESPOND Program, ISRO Project Titled “Speech Technologies for Humanoids” got sanctioned worth
- Rs.36, 23,000/-for 1 Year Jan 2020 to Jan 2021, with Co- Investigator Dr. K. Anitha Sheela, Professor and HoD of ECE.

New Appointments

- Dr.B.N.Bhandari, Professor of ECE & Former Director, Academic & Planning, JNTUH was appointed as Principal of JNTUHCEH in the month of May, 2020
- Dr. M.Madhavi Latha, Professor of ECE was appointed as Director of Academic and Planning, JNTUH in the month of May, 2020

Students’ Achievements: Prizes/Awards for students’ outstanding performance

- Narri Vandana (Roll no. 12011M2508), got best paper award for the Paper Presentation titled “Performance Optimisation of Accelerated Tests” in the International Conference of Electronics 2020, Ludhiana.
- Nishitha Dasari, 18011P0404, B.Tech II Year IDP student, received a participation certificate in University Level, Category – Academics, organized by ACE Engineering Academy, Venue:TKR Engineering College, Meerpet, L.B.Nagar, Hyderabad, ECE Dept.JNTUH. Career Guidance, Seminar (5th March, 2020).
- T.Venkata Rohith, B. Tech IV Year student secured 146th Rank in GATE-2020 bearing Roll no. EC2041407979.

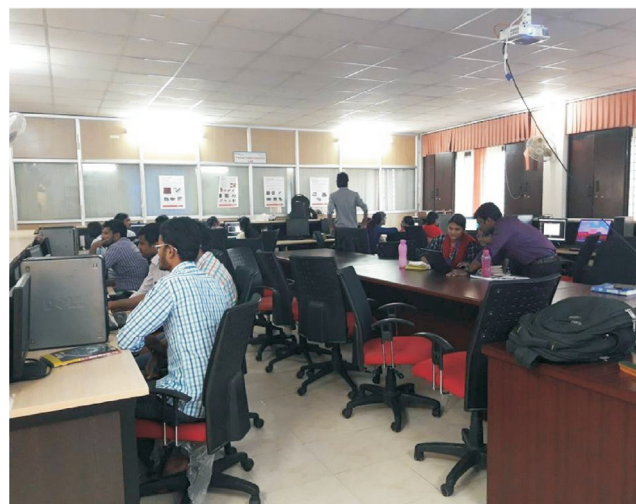
- Jakkam Anusha, B.Tech III Year Roll no. 17011A0405, participated in essay and singing competition held in JNTUHCEH on occasion of Savitribhai Phule Jayanthi on dated 2nd January, 2020.
- ThedlaIndu, B.Tech III year student Participated in Speech and Essay competition held in JNTUHCEH on occasion of Savitribhai Phule Jayanthi on dated 2nd January, 2020.

Clubs and Activities

- IEEE Student Branch conducted a Webinar on “Crux of Cloud Computing” on 3rd of April 2020 the speaker is Rathnam Makam, Cloud Solutions Architect, and Alumni JNTUHCEH.
- IEEE Student Branch conducted a Webinar on “5G Technology Architecture and its use cases” which was held on 13th of April 2020 the speaker is Srinivas Gundam, Ericsson Solutions.
- IEEE Student Branch conducted a Webinar on “Future Trends in IoT” on 19th April 2020 the Speaker is Bhargav Chintaju, Founder Wevolabs.
- IEEE Student Branch conducted a Webinar on “How to Patent your Inventions” on 2nd May 2020 the speaker is N. Venkatesh, Vice President Advanced Technologies Redpine Signals.
- IEEE Student Branch conducted a Webinar on “Verilog HDL & Opportunities in VLSI Chip Design” on 7th May 2020 the Speaker is Madam Gopal .M, Trainer star VLSI Services.

Any Other Achievements by Students

- Student from JNTUHCEH Rishi Maheshwari ECE IDP 4th Year, Tejasri Kurapati ECE Regular 4th Year, Siri Valluri ECE Regular 4th Year, Sukesh Reddy Mechanical Regular I year Participated in a Hackathon conducted by Cyberabad Police, Traffic Police Cyberabad and society of Cyberabad Security Council. The Students won the first prize in the non-startup category for implementing a unified platform for road infrastructure. They came up with a solution that proactively collects data and routes the problems to the right agency.
- Logo launch of IEEE Student Branch JNTUHCEH & Workshop on Internship and Resume writing was conducted with Dr. K.Anitha Sheela, Professor and Head as Student Branch Councillor and Mr.Pankaj (4 yr ECE IDP) as student Branch Chair. Dr.Amith IEEE Hyderabad Section Chair, Dr.N.Yadaiah a former Registrar JNTUH, Dr.G.N.Srinivas Principal Incharge JNTUHCEH and a few directors of JNTUH,HODs and senior professors of JNTUHCEH have graced the occasion which was held on 19.02.2020.



FPAADPASP)



Students at the workshop on Resume Writing

- Workshop was conducted by IEEE SB on Robotics powered by Robotic Operating System During 07-02-2020 to 08-02-2020 in collaboration with Smart Bridge Educational Services.

Start-up Activities

- B.Tech III year Students T.Pavani(18015A0422), T. Rajashekar(18015A0421), K. Harshitha (18015A0411) selected in a Competition with Team name “Innovate Plus” Competition name “IEEE COVID MOVE ONLINE HACKATHON” Product Description – Large area sanitization solutions using UV-C light, low cost sanitizer method, automatic sprinklers, Biosurfactants based on Cleanser for PPEs Sanitization.
- This team was selected for Global IEEE Conference HYDCON to be conducted from 11-12 SEPT 2020 by IEEE Hyderabad section for presenting their innovation during the conference. Also they will be awarded a prize money of 300\$.

NSS/NCC Activities

- Swachh Bharat organized by ECE Dept, JNTUHCEH held on 11.03.2020. Number of teachers participated in the activity -10, Number of students participated in Activity-100 on the occasion of Spoorthi 2020.

- Haritha Haram organized by ECE Dept, JNTUHCEH held on 13.03.2020, Number of teachers coordinated in activity -11, Number of students participated in activity-90 on occasion of Spoorthi 2020.

TEQIP-3 Information

- Amount Rs.20,000 received from TEQIP-III for "SPOORTHY 2020" A National Level Technical Fest at ECE Dept. organized by JNTUHCEH, during 12th & 13th March, 2020
- Amount Rs.30,000 sanctioned from TEQIP-3 for organizing "IEEE Student Branch Logo launch" event on 29th Feb 2020 in UGC, JNTUHCEH.

Dept. of ECE Placements

- Total No. of B.Tech IV Year Reg and IDP (UG) Students placed – 71, No. of Organization offered Placements -20. Highest Salary Offered by Pega Systems with 9 lakhs per annum.
- Total No. of M.Tech II Year (PG) Students placed – 03, No. of Organization offered Placements -02. Highest Salary Offered by L&T Tech with 4.4 lakhs per annum.

ECE Sports News

- P. Maneesha, 16011P040, B.Tech IV year, received a Prize in Sports (Cricket, Throwball 800mts Run, Kabbadi, JNTUH CEH, 2020, Venue: JNTU Auditorium Event: Annual Day.
- G. Swathi, 16011P041, B.Tech IV year, Received a Prize in Sports (Kabbadi) JNTUH CEH, 2020, Venue: JNTU Auditorium Event: Annual Day.
- Muaz HyderQuarshi, Rollno. 18011A0462, B.Tech II year received Second Prize in National Level Zonal Table Tennis organized by VNRVJIT, Venue: VNRVJIT
- Aditya Vadlamudi, Roll.no.18011A0443, B.Tech II year Participated in National Level Zonal Basketball organized by VNRJIT, Venue VNRJIT

Alumni Activities

Guest Lectures Delivered by the Alumni Member:

- Guest Lecture is arranged on "Drones and Geospatial information systems" by Wing Commander (Retd.) Sri Sridasyam, Alumni of 1993 Batch student of ECE department, on 07th December 2019 at CRC Seminar Hall, JNTUHCEH.

Forthcoming Events

- Dr. K. Anitha Sheela, Professor and Head of ECE Dept., will be giving a webinar on "The Art of Writing a Research Paper" in IGEN 2020 presented by IEEE Hyderabad section Student Activities Committee under IEEE R10 SAC Membership

Development and Leadership Training to be held on 30th August, 2020 at 4.30pm.

Department of Computer Science and Engineering

New Infrastructure Development in the Dept

- The department of Computer Science and Engineering set up new Center of Excellence Project Implementation Work - 1 lab for research purpose under TEQIP-3 in March 2020 at the cost of 24.78 Lakhs.

New Equipment/Software Installed

- The department of Computer Science & Engineering purchased the following equipment under TEQIP-3 to establish Center of Excellence project implementation work-1 lab at the cost of 24.78 lakhs in Jan 2020.

S. No.	Name of the Equipment	QTY	Year of Purchasing	Cost (Rs)
1	End node module CC1352P Launch pad	10	13.02.2020	55,000.00
2	Relay node for Multimedia support CC3235M ODSF	2	13.02.2020	13,000.00
3	Camera module for infrastructure node Simple link WiFi Solution over 802.11 b/g/n networks	2	13.02.2020	25,000.00
4	Development board for Hand held Device phyCORE AM335x	3	13.02.2020	96,000.00
5	Development Board for gateway Phytec Industrial IOT Gateway	1	13.02.2020	85,000.00
6	Enclosure design and printing facility	1	13.02.2020	1, 30,000/
7	Industrial grade Heart rate sensor for end node MAX30110AC CEVKI	2	13.02.2020	24,000.00
8	Body temperature sensor for end node MAX30208	2	13.02.2020	15,200.00
9	Node for aerial surveillance Drone Kit	1	13.02.2020	4,00,000

10	Aerial surveillance node controller Beagle Bone Blue based	1	13.02.2020	22,000.00
11	Wireless module for infrastructure support Wirepas Modules with LTE & WiFi Gateway support	1	13.02.2020	100,000.00
12	Modules for sensor data communication SIM7600EH	5	13.02.2020	30,000.00
13	Wearable sensor module ST Wearable Dev Kit	2	13.02.2020	12,000.00
14	Rechargeable battery module for smart band and router bq25100A	2	13.02.2020	25,000.00
15	IDE for smartband, router and gateway development Keil Coretx-M Single User Floating License	1	13.02.2020	200,000.00
16	Charging module for rechargeable battery bq25700A	1	13.02.2020	16,000.00
17	12v, 5A Power supply modules with adjustable output LRS-75	10	13.02.2020	15,000.00
18	Solar power panels for gateway rechargeable batteries 50W Panels with MPPT	3	13.02.2020	27,000.00
19	Rechargeable batteries with charger for gateway BT-168 250W 12/24v 200ah	3	13.02.2020	16,500.00
20	IOT Wearable Kit MCU: NXP Kinetis K64x BLE: NXP Kinetis KW4x3D Accelerometer & 3D Magnetometer 3 Axis Digital Gyro scope Absolute			

	Digital Pressure sensor 600mA Sigle Cell Li-Ion/Li Polymer Battery Charger	2	13.02.2020	50,000.00
21	High-end camera kit for image processing Texas Instruments based IP Camera Dev Kit	1	13.02.2020	120,000.00
22	Audio dev kit LPC54114	1	13.02.2020	10,000.00
23	Thermal imaging kit Flir Lepton Dev Kit	2	13.02.2020	68,000.00
24	Debugging support accessory DTECH/MOXA USB to RS232	5	13.02.2020	9,000.00
25	Wifi Mesh Routers Linksys Velop Intelligent Mesh Wifi System	1	13.02.2020	24,000.00
26	Miniature sensor tags CC1352R WMCU Launchpad	10	13.02.2020	42,000.00
27	Long distance coverage kit for gateway SubGhz gateway ref design kit from Element14	1	13.02.2020	24,000.00
28	9-Axis Motion Sensor dev Kit DK-20948	2	13.02.2020	38,000.00
29	Wearable sensor and battery module kit	10	13.02.2020	62,000.00
30	GPS Module Neo M8 Series	5	13.02.2020	15,000.00
31	Dell Precision 5820 Tower XCTO Base-high-performance PC for Image Processing intel xeon W-2125, 4.0 Ghz, 64 Gb Ram DDR4, 1TB SSD, 3TB SATA HDD	1.00	18.01.2020	6,20,865/

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

- Dr. B.Padmaja Rani, Professor & Dr. K.P. Supreethi, Professor organized 4th International Conference on Computational Intelligence and Informatics (ICCI-2020) during 14th & 15th Feb 2020 at CSE dept., JNTUHCEH under TEQIP-III. 3 Lakhs grant was released, and 120 participants attended.
- Dr. J. Ujwala Rekha, Assist Prof. organized A Two Day National hands-on workshop on Cyber Security and Ethical Hacking called HACKTIVISION during 8th – 9th February 2020 organised by Dept of CSE JNTUHCEH
- Mrs. E Hemalatha, Asst. Prof. organized FDP on “Blockchain Technology” from 27-01-2020 to 31-01-2020 funded by AICTE and 23 participants attended the FDP.

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

- Ms. I. Lakshmi Manikyamba, Associate Professor attended Online A Six-Day Training program on “LaTeX” organized by sanjay Ghodawat University, Kolhapur in association with Spoken Tutorial Project, IIT Bombay from 27th April to 2nd May 2020 - Online Mode

Journal Papers Published by the Faculty

- N. Chandra Sekhar Reddy, Purna Chandra Rao Vemuri, A. Govardhan, “Performance Analysis of Indicative Feature Subset Selection Algorithm for Effective Intrusion Detection” International Journal of Advanced Science and Technology, Vol. 29, No. 6s, (2020), pp. 07-20
- Dara Anitha Kumari, A Govardhan “Noise reduction in spatial data using machine learning methods for road condition data” International Journal of Advanced Computer Science and Applications 11(1) January 2020
- Nagendar Yerukala, V Kamakshi Prasad, and Allam Apparao “Performance and statistical analysis of stream ciphers in GSM communications” Journal Of Communications Software And Systems, VOL. 16, NO. 1, MARCH 2020
- Sanjeev Polepaka, Ch. Srinivasa Rao, M. Chandra Mohan “IDSS-based Two stage classification of brain tumor using SVM”, Health and Technology, a Springer Journal. 10, pages249–258(2020)
- M. Vijayakamal, D. Vasumathi “Unsupervised learning methods for anomaly detection and log quality improvement using process event log” International Journal of Advanced Science and Technology Vol. 29, No. 1, (2020), pp. 1109-1125
- G.S. Ramesh, T.V. Rajini Kanth and D. Vasumathi “Analysis of location-based sales data using machine

learning algorithms” International Journal on Emerging Technologies 11(2): 223-230(2020)

- Padmaja Grandhe, D. Vasumathi “A novel method for content-based 3D medical image retrieval system using dual tree M-band wavelets transform and multiclass support vector machine” Journal of Advanced Research in Dynamical and Control Systems 12(3):279-286 · March 2020
- Maher Alrahhhal, K.P Supreethi “Multimedia Image Retrieval System by Combining CNN With Handcraft Features in Three Different Similarity Measures” International Journal of Computer Vision and Image Processing (IJCVIP) 10(1)
- Swathi Sowmya Bavirithi, Supreethi. K. P “Design and Analysis of Spatial Skyline Queries Indexing” International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-9 Issue-4S2, March 2020
- Vijay Kumar Damara, A Nagesh, M Nagaratna “Trust evaluation models for cloud computing” International Journal Of Scientific & Technology Research Volume 9, Issue 02, February 2020

Conference Papers Presented by Faculty Members

- Abhay Kumar, PVS Srinivas, A Govardhan “A Multipath Packet Scheduling Approach based on Buffer Acknowledgement for Congestion Control”, Third International Conference on Computing and Network Communications (CoCoNet’19), Procedia Computer Science 171 (2020) 2137–2146.
- Tayyaba Katoon, Sujatha Dandu, A Govardhan “Improving Document Relevant accuracy by distinguish Doc2query Matching Mechanisms on Biomedical Literature”, 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence), DOI: [10.1109/Confluence47617.2020.9058299](https://doi.org/10.1109/Confluence47617.2020.9058299)
- Tayyaba Khatoon Mohammad, Rajasekhar Rangasamy, A Govardhan “Leveraging topic models with novel word embeddings for effective document clustering” International Conference on Advances in Computational Intelligence and Informatics - ICACII 2019: Advances in Computational Intelligence and Informatics pp 133-139
- M Swami Das, A Govardhan, D Vijaya Lakshmi, “Web service classification and prediction using rule-based approach with recommendations for quality improvements” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 311-323
- T Prathima, A Govardhan, Y Ramadevi “Rough set-based classification of audio data” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 627-637

- K.S.R Radhika, C.V Rao, V Kamakshi Prasad “Image Fusion Techniques for Spatial Resolution Enhancement of AWiFS Sensor Data” Advances in Small Satellite Technologies pp 339-346.
- Sakil Ansari, Sanjeev K. Mittal, V. Kamakshi Prasad “Experimental Analysis of the Changes in Speech while Normal Speaking, Walking, Running, and Eating” Proceedings of the Third International Conference on Computational Intelligence and Informatics, pp.85-95.
- Y. Bhavani, V. Janaki, R. Sridevi “IP traceback through modified probabilistic packet marking algorithm using record route” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 481-489
- Sheena Mohammed, R. Sridevi “A survey on digital forensics phases, tools and challenges” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 237-248
- Vemula Harish, R.Sridevi “A brief survey on blockchain technology” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 249-258
- Shaik Raza Sikander, R. Sridevi “A framework for dynamic access control system for cloud federations using blockchain” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 591-600
- Ajmeera Kiran, D. Vasumathi “Data Mining : Min--max normalization-based data perturbation technique for privacy preservation” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 723-734
- V. Biksham, D. Vasumathi “An efficient symmetric key-based lightweight fully homomorphic encryption scheme” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 417-425
- Akheel Mohammed, D. Vasumathi “Locality Parameters for Privacy Preserving Protocol and Detection of Malicious Third-Party Auditors in Cloud Computing” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 67-76
- G. Nagaraju, N. Mangathayaru, B. Padmaja Rani “MST Parser for Telugu Language” Proceedings of the Third International Conference on Computational Intelligence and Informatics pp 271-279
- Neeraja Koppula, B. Padmaja Rani, Koppula Srinivas Rao “Word Sense Disambiguation in Telugu Language Using Knowledge-Based Approach” Proceedings of the Third International Conference

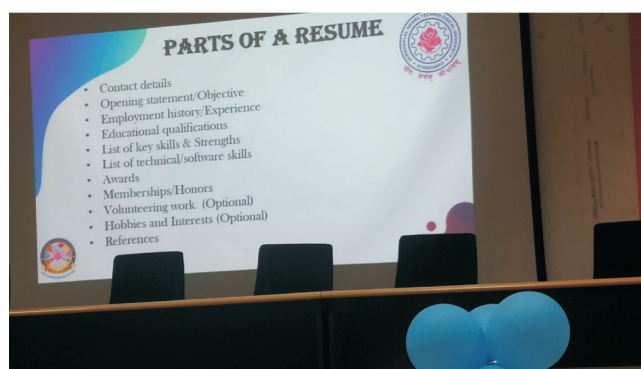
on Computational Intelligence and Informatics pp 153-161

- Sai Reetika Perumalla, Hemalatha Eedi “Needleman–Wunsch Algorithm Using Multi-threading Approach” Proceedings of the Third International Conference on Computational Intelligence and Informatics (pp.289-300)Manoj Kumar Kokkula, Hemalatha Eedi “Parallel PageRank Algorithm Using MapReduce” Proceedings of the 1st International Conference on Data Science, Machine Learning and Applications, pp.787-795

New Appointments

- Dr. A Govardhan, Professor of CSE & Rector, JNTUH has been appointed as Convener for TS EAMCET-2020.
- Dr. M Chandra Mohan, Head& Professor has been appointed as Co-Convener for TS EAMCET-2020.
- Dr. R Sridevi, Professor has been appointed as Coordinator, Center of Excellence in Cyber Security, JNTUH
- Ms. K. Neeraja, Assoc. Professor has been appointed as Additional Controller of Examinations, University Exam branch, JNT University, Hyderabad.

Alumni Contribution towards the Development of the Institute



Workshop on Resume Writing

- Delivered a talk on “Civil Services Careers for Engineers and Preparation” for UPSC exams by Dr.GR Patil (IRS 2015 batch) dated 22nd May 2020
- Coronavirus webinar organized by JNTUHCEH, Sunday 26th April 2020
- Resume Writing Workshop, held on 8th Feb2020

Department of Metallurgical Engineering

New Equipment / Software Installed

The Department of Metallurgical Engineering purchased HP LaserjetMulti-Function Printer M1136 (Print, Scan & Copy) in HOD Room at the cost of Rs. 13,500/- (Rupees Thirteen Thousand and Five Hundred Rupees only) on 2nd March 2020.

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

- Dr. B. Ramesh Chandra, Associate Professor attended a Two Weeks Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCS:2.0” organized by Teaching Learning Centre, Ramanujan College University of Delhi, during 18th May -03rd June, 2020
- Dr. B. Ramesh Chandra, Associate Professor attended a One-week National Level Faculty Development Programme and Online Training on “Moodle Learning Management system” organized by JNTUH College of Engineering, Sultanpur, Sangareddy (Dt.) in association with Spoken Tutorial Project IIT Bombay, during 10th to 15th June 2020.
- Dr. B. Ramesh Chandra, Associate Professor attended a Faculty Development Programme on “Industrial IoT & Intelligent Connectivity using RASBERRY PI” organized by Malla Reddy Engineering College for Women (in association with Pantech e-Learning), during 25th to 27th June 2020.
- Dr. B. Ramesh Chandra, Associate Professor attended a Faculty Development Programme on “Interactive Session on Living Integrally” organized by Department of Mechanical Engineering of J.B. Institute of Engineering & Technology, Hyderabad and “Trust Eager to Forge Ahead”, Hyderabad during, 27th & 28th June 2020.
- Dr. B. Ramesh Chandra, Associate Professor attended a Webinar on “Accelerating E Vehicles to Realisation” organized by Department of EEE Vignana Bharathi Institute of Technology, Hyderabad in Association with Pantech E learning, during 30th June 2020.
- Dr. B. Ramesh Chandra, Associate Professor attended a one week Online Short-Term Course on “Additive Manufacturing with Interdisciplinary Applications” organized by Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, India during 29th June – 03rd July 2020 under TEQIP-III.
- Smt. P. Pavani, Assistant Professor (C) attended a Two-Day online workshop on “Online Tools & Software for Remote Teaching – Learning” organized by UGC-HRDC, JNTUH, Hyderabad, Telangana State, during 24th & 25th April 2020.
- Smt. P. Pavani, Assistant Professor (C) attended a Two Weeks Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCS:2.0” organized by Teaching Learning Centre, Ramanujan College University of Delhi, during 18th May - 03rd June 2020
- Smt. P. Pavani, Assistant Professor (C) attended a one-week National Level Faculty Development Programme and Online Training on “Moodle Learning Management system” organized by JNTUH College of Engineering, Sultanpur, Sangareddy (Dt.) in association with Spoken Tutorial Project IIT Bombay, during 10th to 15th June 2020.
- Smt. P. Pavani, Assistant Professor (C) attended a Three Day Industrial Webinar Series on “Coal – Based Power Generation – The Future Scenario, talk on EHV Circuit breakers & Electrical Engineering in Industry” organized by Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology during 25th, 27th & 29th, June 2020.
- Smt. P. Pavani, Assistant Professor (C) attended a Two Days Faculty Development Programme on “Interactive Session on Living Integrally” organized by Department of Mechanical Engineering of J.B. Institute of Engineering & Technology, Hyderabad and “Trust Eager to Forge Ahead”, Hyderabad, during 27th & 28th June 2020.
- Smt. K. Tejaswi, Assistant Professor (C) attended a Three Day Industrial Webinar Series on “Coal – Based Power Generation – The Future Scenario, talk on EHV Circuit breakers & Electrical Engineering in Industry” organized by Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology during 25th, 27th & 29th, June 2020.
- Smt. K. Tejaswi, Assistant Professor (C) attended a One-week online Faculty Development Programme on “Emerging Research Areas in Mechanical Engineering” organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad during 29th June & 3rd July 2020.
- Smt. K. Tejaswi, Assistant Professor (C) attended a Three Days National Webinar Lecture Series on “Academic Writing and Research Ethics” organized by IQAC, Janata College, Kabuganj in association with Don Bosco College Central Library, Itanagar during 27th to 29th June 2020.
- Smt. K. Tejaswi, Assistant Professor (C) attended two days online National Workshop on “Research Methodology: Concepts & Applications” organized by the Directorate of Students Welfare, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, during 26th & 27th June 2020.
- Smt. K. Tejaswi, Assistant Professor (C) attended a seven days Faculty Development Programme on “Stress Management & ICT Tools for effective Teaching Learning” organized by Wellness Gurukul

- Academy Pvt. Ltd., Katwaria Sarai, New Delhi, during 29th June 2020 to 5th July 2020.
- Smt. B. Sindhu, Assistant Professor (C) attended a National Level e-quiz on “Material Science and Metrology” organized by Department of Mechanical Engineering, VVCE, Mysuru, during 7th March 2020.
 - Smt. B. Sindhu, Assistant Professor (C) attended a Three-Day Short Term Course on “Online Tools & Software for Remote Teaching – Learning” organized by UGC-HRDC, JNTUH, Hyderabad, Telangana State during 16th to 18th of May 2020.
 - Smt. B. Sindhu, Assistant Professor (C) attended a Three Day Industrial Webinar Series on “Coal – Based Power Generation – The Future Scenario, talk on EHV Circuit breakers & Electrical Engineering in Industry” organized by Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology during 25th, 27th & 29th, June 2020.
 - Smt. B. Sindhu, Assistant Professor (C) attended a Three Day National Webinar Lecture Series on “Academic Writing and Research Ethics” organized by IQAC, Janata College, Kabuganj in association with Don Bosco College Central Library, Itanagar during 27th to 29th June 2020.
 - Smt. B. Sindhu, Assistant Professor (C) attended Two Day online National Workshop on “Research Methodology: Concepts & Applications” organized by the Directorate of Students Welfare, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, during 26th & 27th June 2020.
 - Smt. B. Sindhu, Assistant Professor (C) attended a Seven Day Faculty Development Programme on “Stress Management & ICT Tools for effective Teaching Learning” organized by Wellness Gurukul Academy Pvt. Ltd., Katwaria Sarai, New Delhi, during 29th June 2020 to 5th July 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended a Three Days National Webinar Lecture Series on “Academic Writing and Research Ethics” organized by IQAC, Janata College, Kabuganj in association with Don Bosco College Central Library, Itanagar during 27th to 29th June 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended Two Day online National Workshop on “Research Methodology: Concepts & Applications” organized by the Directorate of Students Welfare, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, during 26th & 27th June 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended a Three Day Industrial Webinar Series on “Coal – Based Power Generation – The Future Scenario, talk on EHV Circuit breakers & Electrical Engineering in Industry” organized by Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology during 25th, 27th & 29th, June 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended a Seven Day Faculty Development Programme on “Stress Management & ICT Tools for effective Teaching Learning” organized by Wellness Gurukul Academy Pvt. Ltd., Katwaria Sarai, New Delhi, during 29th June 2020 to 5th July 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended a Webinar on “An Impact of Document Image Processing in A Decade Research” organized by Department of Computer Science & Engineering, Vaagdevi Engineering College during 26th June 2020.
 - Mr. Mohd. Zahed Shareef, Assistant Professor (C) attended a One-week Faculty Development Programme on “IT Industry Real- Time Tools” organized by Department of Computer Science and Engineering & Department of Information Technology, Bharat Institute of Engineering and Technology, Hyderabad during 29th June 2020 to 3rd July 2020.
 - Smt. Ch. Hareesha, Assistant Professor (C) attended a Three Day Industrial Webinar Series on “Coal – Based Power Generation – The Future Scenario, talk on EHV Circuit breakers & Electrical Engineering in Industry” organized by Department of Electrical & Electronics Engineering, Bharat Institute of Engineering and Technology during 25th, 27th & 29th, June 2020.
 - Smt. Ch. Hareesha, Assistant Professor (C) attended a Faculty Development Programme on “Interactive Session on Living Integrally” organized by Department of Mechanical Engineering of J.B. Institute of Engineering & Technology, Hyderabad and “Trust Eager to Forge Ahead”, Hyderabad, during 27th & 28th June 2020.
 - Smt. Ch. Hareesha, Assistant Professor (C) attended two days Online National Workshop on “Research Methodology: Concepts & Applications” organized by the Directorate of Students Welfare, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, during 26th & 27th June 2020.
 - Smt. Ch. Hareesha, Assistant Professor (C) attended a seven days Faculty Development Programme on “Stress Management & ICT Tools for effective Teaching Learning” organized by Wellness Gurukul Academy Pvt. Ltd., Katwaria Sarai, New Delhi, during 29th June 2020 to 5th July 2020.
 - Smt. Ch. Hareesha, Assistant Professor (C) attended a One Week National Level Online FDP on “Digital Teaching Tools” organized by IQAC Cell, Department of Commerce & Department of Computer Science and Applications, Government City College (A), Hyderabad. during 29th June 2020 to 5th July 2020.

- Smt. Ch. Hareesha, Assistant Professor (C) attended a One-week online Faculty Development Programme on “Emerging Research Areas in Mechanical Engineering” organized by Department of Mechanical Engineering, CMR Technical Campus, Hyderabad during 29th June & 3rd July 2020.

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

- Nikhil Shankar R, Tech-Manager at Skyfi Labs and Koustubh Prem, Product Manager at Skyfi Labs, Bengaluru delivered a talk on “3D Printing” for B.Tech. (Metallurgical Engineering) II, III & IV year students on 29th February 2020 at IST Seminar Hall in JNTUHCEH organized by the Metallurgical Engineering Department.
- Department has conducted National Level Technical Symposium AYAS’2020 on March 12th and 13th 2020.

Journal Papers Published by the Faculty

- Dr.K. Srinivasa Vadayar, J. Jhansee and Dr. Swati Ghosh Acharyya, “Graphene Coating on Mild Steel by Spin Coating Method” in International Journal of Vehicle Structures & Systems (IJVSS), Vol.12, Issue No. 2, June 2020.

Conference Papers Presented by Faculty Members

- Dr. K. Srinivasa Vadayar, Samavedam Santhi. US. Jyothi, D. Hanumantha Rao, “MOULD FILLING ABILITY CHARACTERISATION OF CAST Al-Si-Mg ALLOY”, presented at the International Conference on Advanced Light-weight Materials and Structures (ICALMS 2k20), organized by Department of Mechanical Engineering, CMR Technical Campus, pp. 75–80, 6th & 7th March 2020.

New Appointments and Promotions

- Prof. R. Markandeya, Principal of JNTUHCEM has been appointed as Executive Council Member of JNTUH on February 2020.
- Dr. R. Sri Rama Devi, Associate Professor has been nominated as the chairperson, BoS, JNTUH on 4th January 2020.

Students’ Achievements

S. No.	Roll No.	Year of Study	Name of the Student	Exam Qualified	Rank Secured
1.	16011A 0613	IV /IV B.Tech.	A. Hima Shankar	GATE	295
2.	16011A 0619		V. Meher Teja	GATE	95

3.	16011A 0623		G.P.Naga Ajay Ram	GATE	161
4.	16011A 0626		K.Raghava	GATE	739
5.	16011A 0629		K. Reethika	GATE	788
6.	16011A 0638		B. Sai Shanmuk	GATE	788
7.	16011A 0640		B.Sandeep	GATE	479

Metallurgical Engineering Dept., Placements

S. No.	Roll No.	Name of the Student	Organization Placed in	Salary Offered
1	16011A 0601	A. Adithya	Merilytics	4.63
2	16011A 0609	G. Ganesh Goud	TCS	3.6
3	16011A 0610	Geetha Acharya	Merilytics	4.63
4	16011A 0611	V. Gnana Veda Prasanna	Accenture	4.5
5	16011A 0612	N. Haritha Dekshi	TCS	3.6
6	16011A 0613	A. Hima Shanker	Accentur & TCS	6.5 / 3.6
7	16011A 0614	M. Himabindu	Accenture	4.5
8	16011A 0615	T. Jayasree	Accenture	4.5
9	16011A 0617	S. Keerthi Sai	Accenture	4.5
10	16011A 0619	V. Meher Teja	TCS	3.6
11	16011A 0622	V. Mounika	Accenture	4.5
12	16011A 0623	G.P.Naga Ajay Ram	Accenture	4.5

S. No.	Roll No.	Name of the Student	Organization Placed in	Salary Offered
13	16011A0624	R. Navya	Accenture	4.5
14	16011A0625	Ch. Pranavi	TCS	3.6
15	16011A0626	K. Raghava	TCS	3.6
16	16011A0634	B. Sai Sri Harsha	Accenture	4.5
17	16011A0636	J.Sai Chandu	Accenture	4.5
18	16011A0639	G. Samuel Paul Bezalel	Accenture	4.5
19	16011A0642	K. Sathwika	Accenture	4.5
20	16011A0644	M. Soumya	Accenture	4.5
21	16011A0645	K. Spoorthi	Accenture	4.5
22	16011A0655	B. Vineeth	Accenture & TCS	6.5 / 3.6

Student Fellowships/Scholarships, Medals etc.

Sponsored by the Alumni

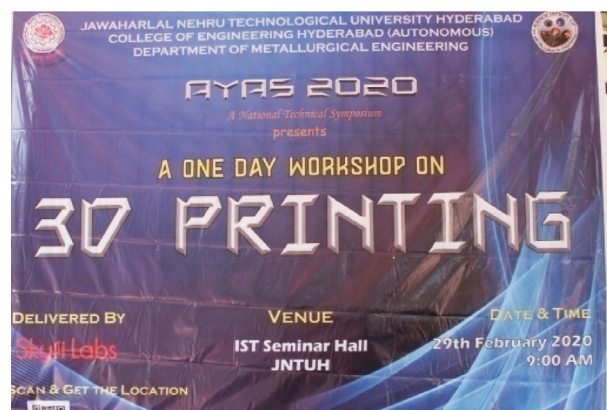
- Mr. Suresh Chappidi, first batch Metallurgical Engineering Student (1989-1993) instituted Gold Medal on the name of Suresh Chappidi Foundation, to the topper of Metallurgical Engineering Students.

Alumni Contribution towards the Development of the Institute

- The Alumni Association supports the Departmental Technical Fest (AYAS) financially every year.
- Department has conducted National Level Technical Symposium AYAS'2020 on March 12th and 13th 2020.



Ayas 2020- Technical Fest



A One Day Workshop on 3D Printing held on 29th Feb.2020



Students Demonstration at the Workshop held on 20th Feb. 2020

Department of Chemical Engineering

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

Mr. Dipankar Das, Assistant Professor (C) attended a One-Day National Webinar on “How to Improve

“I think it is possible for ordinary people to choose to be extraordinary” – Elon Musk

- Teaching Skills”organized by MLR Institute of Technology, June 24th, 2020.
- Mr. Dipankar Das, Assistant Professor (C) attended a One-Day National Webinar on “Research and Publication Ethics in Science”organized by St. Albert’s College (Autonomous), June 27th, 2020.
- Mr. Dipankar Das, Assistant Professor (C) attended a One-Day Online course on “Aspen Plus- Basic Process Modeling”organized by Chemical Engineering Guy & Udemy, June 30th, 2020.
- Ms N. Vandana, Assistant Professor (C) attended a One-Day International Webinar on ‘Reimagining how to sustain student engagement & learning Virtually” organized by Education Week, June 23rd, 2020.
- Ms N. Vandana, Assistant Professor (C) attended a One-Day National Webinar on “How to Improve Teaching Skills”organized by MLR Institute of Technology, June 24th,2020.
- Ms N. Vandana, Assistant Professor (C) attended a One-Day International Webinar on “Re-shaping Education through life skills during the Pandemic” organized by Alagappa University College of Education, June 26th,2020.
- Ms N. Vandana, Assistant Professor (C) attended a One-Day National Webinar on “An impact of Document Image processing in a Decade Research”organized by Vaagdevi Engineering College, June 26th,2020.
- Ms N. Vandana, Assistant Professor (C) attended a Five Days Faculty Development Program on “Recent Innovations in Chemical Engineering (RICE)”organized by Khadre Institute Technology (BKIT), Bhalki, Bidar, Karnataka, 29th June, to 3rd July 2020.
- Ms. P. Sowmya, Assistant Professor (C) attended a One-Day National Webinar on ‘Electrical Discharge machining of duplex brass” organized by Sri Indu College of Engineering &Technology, May 30th, 2020.
- Ms. P. Sowmya, Assistant Professor (C) attended a One-Day International Webinar on ‘Reimagine how to sustain student engagement and learning—virtually” organized by Education Week, June 23rd, 2020.
- Ms. P. Sowmya, Assistant Professor (C) attended a One-Day National Webinar on How to Improve Teaching Skills”organized by MLR Institute of Technology, June 24th, 2020.
- Ms. P. Sowmya, Assistant Professor (C) attended a One-Day International Webinar on “Re-shaping Education through life skills during the Pandemic” organized by Alagappa University College of Education, June 26th,2020.
- Ms. P. Sowmya, Assistant Professor (C) attended a One-Day National Webinar on “An impact of Document Image processing in a Decade

Research”organized by Vaagdevi Engineering College, June 26th,2020.

- Ms. P. Sowmya,Assistant Professor (C) attended a Five Days Faculty Development Program on “Recent Innovations in Chemical Engineering (RICE)” organized by Khadre Institute Technology (BKIT), Bhalki, Bidar, Karnataka, 29th June, to 3rd July 2020.

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

- Prof. A. Annapurna, O.U. delivered a talk on “Vibrational Spectroscopy” for B. Tech. (Chem. Engg.) II/IV, III/IV, IV/IV students on March 2nd, 2020 in JNTUH organized by Dr. S. Devaki Rani Professor & Head I/c. Chemical Engineering Department.
- Prof. M. Vijjulatha, O.U. delivered a talk on “molecular modelling” for B. Tech. (Chem. Engg.) II/IV, III/IV, IV/IV students on March 2nd, 2020 in JNTUH organized by Dr. S. Devaki Rani Professor & Head I/c. Chemical Engineering Department.
- Department has conducted National Level Technical Symposium GENOS’2020 on March 12th and 13th 2020.

S. No.	Roll No.	Name of the Student	Exam Qualified	Rank Secured
1	14011A0822	Prabhu S Patil	GATE	163
2	15011A0821	Mohd. Ali Zaheer	GATE	2613
3	16011A0819	I.Meghana Sucharitha	GATE	1735
4	16011A0834	K. Santhosh Hari	GATE	2895
5	16011A0842	SriPriya Govardana	GATE	610

- Harshita Varma& IV B.Tech. (Roll No.16011A0811) received the admission to MBA in prestigious IIFT, Delhi through her excellent performance in CAT Examination. CAT, Exam Qualified. Overall Percentile- 96.3, CAT Registration number is 9111346.
- Prabhu S Patil & IV B.Tech. (Roll No.14011A0822) has received the admission to M. Tech. in prestigious institute IIT Madras.
- D. Prabhat Sourya&IV B.Tech. (Roll No.14011A0821) has received the admission to Ph.D. in prestigious institute BITS Pilani Hyderabad with ID No. 2019PHXP0407H.
- Parsa Aditya Kasyap&IV B.Tech. (Roll No.15011A0801) has received the admission to M. S. in prestigious Western University, Canada.

“I attribute my success to this – I never gave up or took an excuse” – Florence Nightingale

- P.G.L. Priya & IV B.Tech. (Roll No.16011A0810) achieved the best student award with prize money of Rs. 2500/- and Trophy of this award sponsored by Indian Institute of Chemical Engineers (IICHE).

S. No.	Name of the Student (B.Tech 3 year)	Roll No.	Title of the Paper	Name of Intl./ National Conference/ Seminar	Date and Year
1	D. Supriya	17011A0841	Bio Filtation for Air Pollution control	JNTUH/ National	12 th March -2020
2	S. Venkata yuvraju	1701A0848	Bio Filtation for Air Pollution control	JNTUH/ National	12 th March -2020
3	D. Supriya	17011A0841	Bio-diesel and bio-plastic	JNTUH/ National	13 th March 2020
4	S. Venkata yuvvaraju	17011A0848	Bio-diesel and bio-plastic	JNTUH/ National	13 th March

S. No.	Registration/ Roll.No. of the Student	Name of the student	Organization Placed in	Salary Offered
9	16011A0828	Ranjith Kumar More	Aurobindo Pharma	3.6
10	16011A0833	Santhi P	Accenture	4.5
11	16011A0834	K. Santhosh Hari	Aurobindo Pharma	3.6
12	16011A0838	B. Shiva kumar Reddy	Aurore Life Science	3.6
13	16011A0839	Shruti Y	Accenture	4.5
14	16011A0842	Sri Priya Govardana	ITC	6
15	16011A0844	V S Skrishna Nayan.M	ITC	6
16	16011A0848	P.Yashwanth	ITC	6

- Department has conducted National Level Technical Symposium GENOS' 2020 on March 12th and 13th, 2020.

Chemical Engineering Department Placements

S. No.	Registration/ Roll.No. of the Student	Name of the student	Organization Placed in	Salary Offered
1	15011A0835	B. Sai Harsh	ITC	6
2	16011A0804	M. Alekya	Accenture	4.5
3	16011A0806	Bhavana Kethireddy	Accenture	4.5
4	16011A0817	M. Madhvi Reddy	Accenture	4.5
5	16011A0821	Pallavi Puduru	Accenture	4.5
6	16011A0822	P. Pavan Reddy	Aurobindo Pharma	3.6
7	16011A0824	P. Raja shekarreddy	ITC	6
8	16011A0827	Rakshith goud K	Aurore Life Science	3.6



GENOS'2020 during March 12th and 13th, 2020.



A One-day Workshop on Molecular Modelling & Vibrational Spectroscopy on 2nd March 2020.

*“Learn from yesterday, live for today, hope for tomorrow.
The important thing is not to stop questioning.” — Albert Einstein*



Students at GENOS'2020 during March 12th and 13th 2020



Dr. K. Srinivasa Vadayar, HoD, Metallurgical Engineering & Dr. S. Devaki Rani, HoD, Chemical Engineering with Students during March 12th and 13th 2020

Department of Mathematics

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

- Dr. M.A. Srinivas, Professor & Head, attended International Conference on Advances in Applicable Mathematics during 21st & 22 February 2020 at the department of Mathematics, Bharatiar University, Coimbatore.
- Dr. M.A. Srinivas, Professor & Head, attended a Webinar/ FDP on online Tools & Software for Remote Teaching – Learning during 24TH and 25TH April 2020 at J N T U Hyderabad.
- Dr. M.A. Srinivas, Professor & Head, attended a Webinar/ FDP on Laplace Transforms and Its Applications during 22ND June 2020 at Mallareddy Institute of Technology and Science.
- Dr. M.A. Srinivas, Professor & Head, attended a Webinar/ FDP on Fluid Dynamics during 23RD June 2020 at Manipal University, Jaipur.
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on SCILAB – An open source substitute for MATLAB during 25th-30th May 2020 at JNTUH College of Engineering Sultanpur.
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on National level faculty development program on LATEX during 1-5 June 2020 at CMR Engineering College
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on Taxonomy of Softwares related to mathematical sciences during 9th -14th June 2020 at Gokaraju Rangaraju Institute of Engineering and Technology
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on Importance of Mathematics in Science and Technology during 25th-29th June 2020 at GMR Institute of Technology, Rajam, AP, India
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on International Online Webinar on 'Art of Online Teaching, Research Paper Writing & Patent Registration' during 18th -20th May 2020 at Institute of Technology & Management, VIP Road, Nanded - 431602, (MS)
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on Fluid Dynamics during 23rd June 2020 at Manipal University Jaipur
- Dr. B. Shankar Goud, Assistant Professor (C), attended a Webinar/ FDP on How to Improve teaching Skills during 4th June 2020 at MLR Institute of Technology
- Mr. P. Megaraju, Assistant Professor (C), attended a Webinar/ FDP on International Virtual Conference on "Wearable Technologies & Applications: Emerging Trends and Innovation" during 26th and 27th June 2020 at School of Electronics Engineering, VIT, Vellore.
- Mr. P. Megaraju, Assistant Professor (C), attended a Webinar/ FDP on International FDP on "Importance of Mathematics in Science and Technology" during 25th - 29th June 2020 at GMR Institute of Technology, Rajam, AP
- Ms. Dhanalakshmi Naidu, Assistant Professor (C), attended a Webinar/ FDP on Mathematical modeling & simulation (In association with ISTE) during 25th to 30th June 2020 at M.V.S.R. Engineering College, Hyderabad
- Ms. Dhanalakshmi Naidu, Assistant Professor (C), attended a Webinar/ FDP on Role of Machine Learning & Data Sciences in AI during 28th June to 2nd July 2020 at (MGIT), Hyderabad

"All our dreams can come true if we have the courage to pursue them." - Walt Disney

- Mr. V. Madhu Kumar, Assistant Professor (C), attended a Webinar/ FDP on International FDP on “Importance of Mathematics in Science and Technology” during 25th - 29th June 2020 GMR Institute of Technology, Rajam, AP
- Mr. V. Madhu Kumar, Assistant Professor (C), attended a Webinar/ FDP on National Level FDP On “Mathematical Modelling and Simulation” during 25th – 30th June 2020 at MVSR Engineering College, Hyderabad.

Invited Talks/Expert Lectures Delivered by the Faculty

- Dr. M.A. Srinivas, Professor & Head, delivered a talk in a Webinar on Mathematics for Computer Scientists during 30TH and 31ST MAY 2020 at Loyola Academy.
- Dr. M.A. Srinivas, Professor & Head, delivered a talk in a Webinar on Research: Why? What? How? on 14TH June 2020 at Vignana Bharathi Institute of Technology.
- Dr. M.A. Srinivas, Professor & Head, delivered a talk in a Webinar on Systematic approach to learn Mathematics on 4TH July 2020 at Social welfare degree college Hyderabad.
- Dr. M.A. Srinivas, Professor & Head, delivered a talk in a Webinar on Differential equations and its Applications on 28TH June 2020 at Mallareddy Institute of Technology and Science.

Journal Papers Published by the Faculty

- S Hari prasad, M A S Srinivas, N Phani kumar, “Three species epidemiological model with holling type functional responses”, in *international journal of mathematical models and methods in applied sciences*, ISBN No.1998-0140, North Atlantic University Union, 2020.
- R. Pandurangarao, V. Srinivasa Kumar and A. Prabhukumar, “L-Vague Normal L-Semirings of L-Semirings”, in *A Journal Of Composition Theory*, Vol. 13, Issue no. 1, pp. 740-751, 2020.
- R. Pandurangarao, V. Srinivasa Kumar and A. Prabhukumar, “Rough Vague Ideals in a Ring” in *Journal for the Study of the Research*, Vol. 12, Issue no. 3, pp. 30-42, 2020
- V. Srinivasa Kumar, “Numerical Process to Solve Two -Point Boundary Value Problems” in *Journal of Engineering, Computing and Architecture*, Vol. 10, Issue no. 5, pp. 127-135, 2020
- B. Shankar Goud, Kotagiri Srihari, M V Ramana Murthy., ”FDM and FEM correlative approach on unsteady heat and mass transfer flow through a

porous medium”, in *Journal of Xidian University*, Vol.14,issue no. 4, pp:2144-2153, 2020.

- Shankar Goud.B, Dharmendar Reddy Yanala “Heat Source Effect on MHD Fluid Flow Over a Moving Vertical Plate in the presence of Chemical Reaction with Convective Surface Boundary Conditions” in *Journal of Engineering, Computing and Architecture*, Vol.10, issue no. 1, pp:38-46, 2020.
- Shankar Goud.B, Dharmendar Reddy Yanala “Radiation and magnetic field effects of free convective flow over a linearly moving permeable vertical surface in the presence of suction”, in *Journal of Xi'an University of Architecture & Technology*, Vol.12, issue no. 5, pp:2696-2701, 2020.

Conference Papers Presented by the Faculty

- M. A .Srinivas, “Study of Heat and Mass Transfer Effects of Peristaltic Motion of a Jeffery fluid in a Tube”, *International Conference on Advances in Applicable Mathematics*. Department of Mathematics Bharatiar University Coiminator, 21st and 22nd February 2020.

Department of Physics

Details of Webinars/Conferences/Seminars/

Workshops/FDPs Attended by the Faculty

- Dr. Y. Aparna, Professor & Head, Department of Physics, JNTUH, Hyderabad, Telangana for delivered online lecture on Synthesis and Charecterization of Nano materials as a keynote Speaker during one week online FDP on Materials: Recent Trends and Engineering Applications during 02 – 07 June 2020 organized by GOKARAJU RANGARAJU Institute of Engineering and Technology.
- Dr. Y. Aparna, Professor & Head, Department of Physics, JNTUH, delivered online lecture in International webinar on “Science & Technology of Thin Films” organized by Malla Reddy Institute of Technology and Science, Hyderabad, on 23rd June 2020.
- Dr. Y. Aparna, Professor & Head, Department of Physics, JNTUH, delivered online lecture in International webinar on “Nanotechnology & Overview” organized by EPMS 2020 CBIT, Hyderabad, on 16th July 2020.
- Dr. K. Srinivasa Reddy, Assistant Professor (C) participated in the International Webinar on “Nano-Structured thin films for Multifunctional Applications” organized by the Departments of Chemistry, Physics & Electronics, St. Francis

“Live as if you were to die tomorrow. Learn as if you were to live forever.” — Mahatma Gandhi

- College for Women Umanagar, Begumpet, Hyderabad, on 11th June 2020.
- Dr. K. Srinivasa Reddy, Assistant Professor (C) attended a one-week faculty development program on “Advanced Materials Research” organized by BIET & Indian Ceramic Society from 15th June – 19th June 2020.
 - Dr. K. Srinivasa Reddy, Assistant Professor (C) attended international webinar on “Emerging Trends in Material Science & It’s Application for Sustainable Development” organized by Department of Physics & Electronics, Sri Guru Tegh Bhahadur Khalsa College Jabalpur in association with Luminescence Society of India from 6th June to 7th June, 2020.
 - Dr. K. Srinivasa Reddy, Assistant Professor (C) participated in the “Webinar on Hybrid Nanocomposites for Energy Storage” on 4th June 2020. Organized by Department of Science and Humanities, RVS Technical Campus – Coimbatore, Kumaran Kottam Campus, Kannampalayam, Coimbatore-641 402.
 - Dr. K. Srinivasa Reddy, Assistant Professor (C) participated in the series of online lectures in Solid State Physics-Series 1: “Electrons in Solids” during 26-30 May 2020 from University of Madras, Department of Theoretical Physics.
 - Dr. K. Srinivasa Reddy, Assistant Professor (C) participated in the webinar on “Recent Advances in Crystal Technology” organized by Department of Physics, Prathyusha Engineering College Poonamallee, Thiruvallur High Road, Chennai on 28th May 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Scope of virtual labs in UG Physics & Chemistry Teaching” organized by Department of Physics & IQAC, Sarojini Naidu College for Women, Dum Dum, Kolkata, on 29th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in e-workshop on “Materials Processing & Technology” organized by Mahatma Gandhi Institute of Technology, Hyderabad, on 27th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in International webinar on “Science & Technology of Thin Films” organized by Malla Reddy Institute of Technology and Science, Hyderabad, on 23rd June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) attended one-week online Faculty Development Program [FDP] on “Advances in Materials Science & Technology” organized by Dept. of Applied Sciences & Humanities, University of Petroleum & Energy Studies (UPES), Dehradun, during 22nd – 26th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Neutrinos: The Nobel Connection” organized by Dr.B.R.Ambedkar National Institute of Technology, Jalandhar, on 19th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) attended one-week online Faculty Development Program [FDP] on “Advanced Materials Research” organized by BIET & Indian Ceramic Society, during 15th – 19th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) attended International Symposium on “Synthesis & Characterization of Smart Materials and their Potential Applications”, organized by University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi, during 14th – 17th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Nano-Structured Thin Films for Multifunctional Applications” organized by St. Francis College for Women, Begumpet, Hyderabad, on 11th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Nanocomposite Ion-Conducting Solid Polymer Electrolyte Materials” organized by Vignan’s Institute of Management and Technology for Women, Ghatkesar, Hyderabad, on 10th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) attended one-week online Faculty Development Program [FDP] on “Perspectives of Teaching & Learning” organized by Gokaraju Rangaraju Institute of Engineering & Technology, during 8th – 13th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in one week online National workshop on “ Interdisciplinary Research Methodology, ICT Application & Innovations in Teaching Learning Process” organized by St. Francis De Sales College, Nagpur, during 8th-12th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) attended International webinar on “Emerging Trends in Material Science & It’s Application for Sustainable Development” organized by Sri Guru Tegh Bhadur Khalsa College, Jabalpur(M.P) and Luminescence Society of India, during 6th – 7th June 2020.
 - Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Emerging Trends In Nano-materials For Microwave, Integrated Electronics And Cancer Applications” organized by GMR Institute of Technology, Rajam, Andhra Pradesh, on 4th June 2020.

“The difference between winning and losing is most often not quitting.” - Walt Disney

- Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Hybrid Nanocomposites for Energy Storage” organized by RVS Technical Campus, Coimbatore, on 4th June 2020.
- Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Effective Online Teaching” organized by RR Institutions, Bengaluru, on 4th June 2020.
- Dr. P. Ranjith Reddy, Assistant Professor (C) attended one-week online Faculty Development Program [FDP] on “Materials: Recent Trends and Engineering Applications” organized by Gokaraju Rangaraju Institute of Engineering & Technology, during 2nd – 7th June 2020.
- Dr. P. Ranjith Reddy, Assistant Professor (C) participated in webinar on “Nanoscience and Nanotechnology: Concept of Today- Technology of Tomorrow” organized by Vignana Bharathi Institute of Technology, on 31st May 2020.
- Dr. P. Ranjith Reddy, Assistant Professor (C) attended one week online Faculty Development Program [FDP] on “The Use Of Virtual Physics Labs- Creating Next Generation Teachers” organized by Department of Freshman Engineering, Geethanjali College of Engineering and Technology in association with Indian Society for Technical Education [ISTE], Keesara, Medchal, Telangana, on 20th – 24th May 2020.
- Dr. P. Ranjith Reddy, Assistant Professor (C) participated in e-workshop on “Virtual Labs” organized by Department of Physics & Electronics, Bhavan’s Vivekananda College, Sinikpuri, Secunderabad, on 14th May 2020.
- Dr. G. Devendhar Rao, Assistant Professor (C) participated in the webinar on “Smart Engineering Materials and Applications” by SRM Institute of Science and Technology (Ramapuram Campus), Chennai, was organized by the Department of Science and Humanities in association with MPEC FORUM on 12.07.2020.
- Dr. G. Devendhar Rao, Assistant Professor (C) participated in the webinar on “Impact of COVID-19 on the Future of Higher Education - Challenges & Opportunities” on the 4th day of July 2020 organized by LEAD INDIA FOUNDATION.
- Dr. G. Devendhar Rao, Assistant Professor (C) participated in a webinar on “HOW TO IMPROVE TEACHING SKILLS” on 24th June 2020 organized by Department of Electronics and Communication Engineering, MLR Institute of Technology.
- Dr. G. Devendhar Rao, Assistant Professor (C) attended in a webinar on “Recent Advances in COVID-19 Treatment: Indian Perspective” held on

26-06-2020 organized by Department of Physics & Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad.

- Dr. G. Devendhar Rao, Assistant Professor (C) participated in One Week Faculty Development Program [FDP] on “Role of Machine Learning & Data Sciences in AI” organized by Department of CSE and M&H from 28th June to 2nd July 2020.
- Dr. G. Devendhar Rao, Assistant Professor (C) participated in five-days Webinar Series on “Advances in Materials Science and Technology (WSAMST-2020)” held during 22-26 June 2020 by the Department of Applied Sciences and Humanities (Physics), School of Engineering, University of Petroleum and Energy Studies, Dehradun.
- Dr. G. Devendhar Rao, Assistant Professor (C) attended Six days online Faculty Development Program [FDP] on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” Organized by the Department of Automobile Engineering, Hindustan College of Engineering and Technology from 6th - 11th July 2020.

Invited Talks/Expert Lectures Delivered by the Faculty

- Dr. Y. Aparna, Professor & Head, Department of Physics, delivered online lecture on Synthesis and Characterization of Nano materials as a keynote Speaker during one week online FDP on Materials: Recent Trends and Engineering Applications during 02 – 07 June 2020 organized by GOKARAJU RANGARAJU Institute of Engineering and Technology.

Faculty Achievements: Awards

- Dr.S.Venkateswara Rao, Professor received “International Iconic Achievement Award for Intellectual People” from Economic Growth Foundation, 2020
- Dr.S.Venkateswara Rao, Professor received “Best Contribution in Education Award” from Innovation Society India, 2020
- Dr.S.Venkateswara Rao, Professor received “Outstanding Teacher Award” from Innovation Society India, 2020

Journal Papers Published by the Faculty

- T. Vamshi Prasad, T. Vishwam, V. Manjula, K.C. James Raju, Y. Aparna, “Dielectric relaxation and thermodynamic study of Dimethylformamide/1, 4-Butanediol binary mixtures in the temperature range 298K–323K”, Physica B: Physics of Condensed Matter ELSEVIER, Physica B 588 (2020) 412142 (13 pages), 9.3.2020.

- T. Vamshi Prasad, T. Vishwam, V.Manjula, V.R.K. Murthy, Y. Aparna, "Frequency and temperature dependent dielectric studies of propylene glycol-sulfolane binary mixtures in the microwave frequency region" *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* ELSEVIER, 233 (2020) 118189 (10 pages), 20.2.2020

Department of Chemistry

Details of Webinars/Conference/Seminars/Workshops/FDPs attended by the Faculty

- Dr. B. Rama Devi, Professor of Chemistry attended a "3day workshop on Preparing for UG Program Accreditation under IQAC, JNTUH CEH, Sponsored by TEQIP-III from 12th-14th August 2020.
- Dr. B. Rama Devi, Professor of Chemistry attended LEAD INDIA – Live Webinar on 'Imapct of CoVid-19 on the future of higher education' on 4th July 2020.
- Dr. B. Rama Devi, Professor of Chemistry attended LEAD INDIA – Live Webinar on 'Impact of CoVid-19 on the development of rural economy-challenges and opportunities' on July 27, 2020.
- Dr. P. Aparna, Asst Professor, Dept. of Chemistry attended a Faculty Development Program on "Managing Online Classes and Co-Creating Moocs:2.0" Organized by Ministry of Human Resource Development Pandit Madam Mohan Malaviya National Mission on Tecahers And Teaching from 18th May -01 June 2020.
- Dr. P. Aparna, Asst Professor, Dept. of Chemistry attended a Faculty Development Program on "Importance of Emotional Intelligence for Teachers" Organized by Sengunthar Arts and Science College on 29th May 2020.
- Dr. P. Aparna, Asst Professor, Dept. of Chemistry attended a 3-day short term course on "Human Values & Ethics" Organized by UGC-HRDC,JNTUH from 26th – 28th May 2020.
- Dr. P. Aparna, Asst Professor, Dept. of Chemistry attended a Faculty Development Program on "7 Days Intenational Level Online Fdp Webinar Series" organized by Sengunthar Arts and Science College from 17th June-23rd June 2020.
- Dr. P. Aparna, Asst. Professor of Chemistry attended a "3-day workshop on Preparing for UG Program Accreditation under IQAC, JNTUH CEH, and Sponsored by TEQIP-III from 12th-14th August 2020.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Three Day International Virtual Conference On "Impact of Chemical Disasters on Biota" (ICDB- 2020), 24th - 26th July 2020, Andhra University and Andhra Pradesh Akademi Of Sciences.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended "Indo-Korea Virtual Conference on Development of Advanced Materials for Future Technologies (DAMFT-2020)", 9-10th July 2020, VIT Chennai, India, Jeonbuk National University, Jeonju, South Korea, SPIE Student Chapter, VIT Chennai.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended an International Conference on Drug Discovery and Development: Lab to clinic (DDD LC-2020), 17-18th January, 2020, Swami Ramananda Teerth Marathwada University, Nanded, Maharastra-India.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended an Online Faculty Development Program on "Materials Science & Nano Technology (FDP-MSNT-2020)" organized by Department of Chemistry, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai-48, during the period 03rd August to 17th August 2020.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended an Online Faculty Development Program on managing online classes and co-creating MOOCs organized by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development 18th May to 03rd June 2020
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended an Online Faculty Development Program on open source tools for research organized by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development 8th June to 14rd June 2020.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Webinar on "10 Essential Scholarly Publishing Tips from an ACS Editor" 29-6-2020 by ACS Webinars.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Webinar on "Teaching Remotely Together: Lessons Learned"30-6-2020 by ACS Webinars. Webinar on "Covid-19 on the future

- of higher education- Challenges and opportunities, 4-7-2020 by ACS Webinars.
- Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Webinar on “Employability Post COVID Era: Expectation of Industry Vs Education System’s Preparedness”, 11-7-2020.
 - Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Workshop on The DST & ACS Virtual Workshop “Mastering the Publishing Process” July 28, 2020
 - Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Workshop on Spectral Analysis of Organic Molecules National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad on 16th & 17th July 2020.
 - Dr. T. Sabithakala, Asst. Professor of Chemistry attended a Workshop on 3-Day TTT Program on Modern Tools and Software for Remote Teaching and E-Content Development, Organized During 04 – 06 August 2020 Under TEQIP III By IQAC, JNTUH College Of Engineering Hyderabad.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a webinar on “Reimagining How to Sustain Student Engagement & Learning – Virtually” by Education Week on June 23, 2020.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a webinar on “Adopting Digital Methods in Teaching” on June 23, 2020 organized by Byndr.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a webinar on “How to improve teaching skills” organized by MLR Institute of Technology on June 24, 2020.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a Faculty Development Program on “Digital teaching Tools” from 29th June 2020 to 3rd July 2020 organized by Government City College, Hyderabad.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a Faculty Development Program on “Advancements in Science and its Applications in Engineering” from 22 June to 26th June 2020 organized by Hyderabad Institute of Technology & Management, Hyderabad.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a Faculty Development Program on “Recent Advances in Chemical Sciences” from 22nd June – 28th June 2020 organized by Saranathan College of Engineering, Tiruchurapalli.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a Faculty Development Program on “Materials Processing and Technology” on June 27, 2020 organized by Mahatma Gandhi Institute of Technology & Science, Hyderabad.
 - Dr. T. Ashok Kumar, Asst. Professor (C) of Chemistry attended a “3-day TTT Program on Modern Online Tools and Software for Remote Teaching and E-Content Development” from 04th - 06th August 2020 organized by IQAC, JNTUH College of Engineering, and Hyderabad.
- Invited Talks/Expert Lectures delivered by the Faculty**
- Dr. M. Thirumala Chary, Professor & HOD gave a webinar talk on Corrosion & Traditional Practices of it’s Prevention”, conducted by Department of Humanities & Science, Vaageswari College of Engineering, Karimnagar, Telangana on 13th June 2020.
 - Dr. M. Thirumala Chary, Professor & HOD gave an invited talk on “Smart polymers for the Biomedical and Tissue Engineering” in One Week Online Faculty Development Programme “Current Advances in Science for Engineering & Medical Applications: an interdisciplinary approach (CASEMA-2020)” on 7th July 2020, conducted by Department of Physical Sciences on KITS, Warangal.
- Journal Papers Published by the Faculty**
- P. Sridhar, D. Ashok, Ch. Venkata Ramana Reddy, M. Sarasija and A. Ganesh, “Ionic liquid mediated one-pot multicomponent synthesis of methyl-1,2-diaryl-4-hydroxy-5-oxo-2,5-dihydro-1*h*-pyrrole-3-carboxylates”, 29, October 2020, 100508.
 - G. Ganga Reddy, B. Srinivasa Reddy, Ch. Venkata Ramana Reddy*, “A Facile, Efficient Step-Wise and Alternative Synthesis of Indolyl Triazoles via “Click” Chemistry”, Letters in Organic Chemistry, August 2020 (In Press).
 - G. Ganga Reddy, P. K. Dubey and Ch. Venkata Ramana Reddy, “Synthesis of Indolyl Pyrazole” Scaffolds as Potential Anti-cancer Agents and their Molecular Modelling Studies, *17(7)*: July 2020, 828 – 839.
 - B. Rama Devi, T. Ashok Kumar and B. Mahesh Goud, “A simple and facile synthesis of novel 1, 2, 3-triazole substituted pyrimidine derivatives”, Journal of Heterocyclic Chemistry, 57(6), March 2020, 3542.
 - B. Ravi Kumar, G. Sailaja, E. Laxminarayana, M. Thirumala Chary, “Synthesis and Characterization of 4-substituted-3,4-dihydro-4-(2,4-dioxopentan-3-yl)-3-phenylbenzo[e][1,3] Oxazin-2-ones”, Organic Chemistry Plus 1(1), 2020, 35.

“Start where you are. Use what you have. Do what you can.” — Arthur Ashe

- K. Shashikala, E. Laxminarayana, M. Ramesh and M. Thirumala Chary, "Microwave Assisted Synthesis of 3-Chloro-N-(2-(5-chloro-1-tosyl-1H-benzo [d] Imidazol-2-yl) ethyl)-N-Substituted Quinoxalin-2-Amine Derivatives Using DCQX", Organic Chemistry Plus 1 (2), 2020, 39.
- T. Rajani Devi, E. Laxminarayana and M. Thirumala Chary, "Synthesis, biological evaluation and docking studies of (4-Aryl-3-methyl-4,5-dihydropyrazolo [3,4-c]pyrazol-1(3aH)-yl) (3-hydroxyquinoxalin-2-yl) methanones", Indian Journal of Chemistry, Sec B (In press). 2020.
- T. Rajani Devi, E. Laxminarayana, T. Giri and M. Thirumala Chary, "Synthesis, biological assay and docking studies of 2-(4,5-dihydro-3-substituted-1H-pyrazol-5-yl)-3-methoxyquinoxaline", Indian Journal of Heterocyclic Chemistry (In press), 2020.
- Dr. T. Ashok Kumar, K. Srivani, E. Laxminarayana and M. Thirumala Chary, "Synthesis, antimicrobial activity and docking studies of 1-Methyl-3-(quinoxalin-2-yl) pyrrolidin-2-one" communicated to Rasayan journal of chemistry, May 2020. (In press).

Conference Papers Presented by the Faculty

- T. Sabithakala, Ch. Venkata Ramana Reddy et.al, "Synthesis, characterisation and biological activity of Benzimidazole based Cobalt and Nickel(II) Complexes." at Three Day International Virtual Conference On "Impact Of Chemical Disasters On Biota" (ICDB- 2020), 24th - 26th July, 2020, Andhra University and Andhra Pradesh Akademi Of Sciences.
- T. Sabithakala, Ch. Venkata Ramana Reddy et.al, "A Soft ferromagnetic copper (II) polymer synthesis," Indo-Korea Virtual Conference on Development of Advanced Materials for Future Technologies (DAMFT-2020)", 9-10th July, 2020, VIT Chennai, India, Jeonbuk National University, Jeonju, South Korea, SPIE Student Chapter, VIT Chennai.
- T. Sabithakala, Ch. Venkata Ramana Reddy et.al, "Synthesis of 6-substituted benzimidazole derivatives and their characterization and biological activity, International Conference on Drug Discovery and Development: Lab to clinic (DDD LC-2020), 17-18th January, 2020, Swami Ramananda Teerth Marathwada University, Nanded, Maharashtra-India.

New Appointments

- Dr. B. Rama Devi, Professor of Chemistry, was nominated as the Chairperson, Board of Studies on 10th February 2020.

Department of Humanities & Social Sciences

New Infrastructure Development in the Dept

- The department of Humanities and Social Sciences set up new Seminar Hall under TEQIP-3 at the cost of 2 Lakhs which was inaugurated on 27 January' 2020.
- The department of Humanities and Social Sciences set up new Interactive Communication Skills Lab (ICS) Lab under TEQIP-3 at the cost of 2 Lakhs which was inaugurated on 27 January' 2020.



ICS Lab was inaugurated on 27th Jan 2020



H&SS Dept. Seminar Hall Inauguration held on 27th Jan 2020



Principal, Vice-Principal and HoDs at the Inauguration on 27th Jan 2020

New Equipment/ Software Installed:

- The Department purchased Round Tables, Hydraulic Chairs, Podium, Teacher Desks, Projector for Seminar Hall under TEQIP-3 to conduct B.Tech classes at the cost of 4.5 Lakhs.
- The purchased Round Tables, Hydraulic Chairs, Podium, Teacher Desks, Projector for Interactive Communication Skills Lab under TEQIP-3 to conduct B.Tech classes at the cost of 3.5 Lakhs.

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

- Dr. Parvathi. V, Professor of English, Head Dept. of H&SS, organized a Short-Term Course on Gender Sensitization from 03-02-2020 to 08-02-2020 at UGC-HRDC, JNTUH.

- IDEEP-2020 a Technical Fest was organized by IDP MBA Students during 13- 14th March 2020. Dr. N. Venkatesh and Mr. Anjum Pasha are the Faculty Coordinators & Mr. C.Vinay Goud is the Student Coordinator.

Faculty Achievements: Award of PhD

- Dr.N.Venkatesh, Assistant professor(c) from Management Studies was awarded Doctor of Philosophy (Ph.D) from Jawaharlal Nehru Technological University Hyderabad on 23-06-2020.

Keynote Address/Expert Lectures Delivered by the Faculty

- Dr. Parvathi.V, Professor&HoD,H&sSS delivered a talk on Gender Sensitization at orientation programme on 24-01-2020 in a Three Weeks”57 th Orientation Programme” organised by UGC HRDC, JNTUH.
- Dr. N.V.S.N. Lakshmi, Assistant Professor was invited to be a speaker during the Panel Discussion on English for Specific Purposes at a Two Day National Seminar on “ELT: Issues and Challenges” organised by School of Distance Education, The English and Foreign Languages University, Hyderabad during 6-7 January 2020-09-18.
- Dr. N.V.S.N. Lakshmi, Assistant Professor delivered a talk during the webinar on “The Challenge of Corona virus – Managing Interpersonal Relationships” organised by St. Pious X Degree & PG College for Women during 14-15 May 2020.

Journal Papers Published by the Faculty:

- Lakshmi, N.V.S.N., Assistant Professor published a paper on “Responses to Vowels Sounds of English: A Case Study on Select Undergraduate Students of Engineering” in *Literary Endeavour*, Vol. XI, Issue No.2, pp.116-122, April 2020.

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

- Dr. Parvathi. V, Professor of English & HoD, participated in an online Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) on 13-06-2020 at MHRD’s Innovation Cell, AICTE.
- Dr. Parvathi. V, Professor of English & HoD, participated in an online Leadership Talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) on 06-06-2020 at MHRD’s Innovation Cell, AICTE.
- Dr. Parvathi. V, Professor of English & HoD, participated in An Online Workshop on Universal Human Values on the theme “Inculcating Universal Human Values Technical Education” from 02-05-2020 to 06-05-2020, at AICTE, New Delhi.
- Dr. Parvathi. V, Professor of English & HoD, participated in an online One Week National Level FDP Programme Outcome Based Education (A Step

towards Excellence) from 11-05-2020 to 15-05-2020 at Government College of Engineering Karad,(satara) Maharashtra & Rajkiya Engineering College Azamgarh, UP (Mentee Institute) AICTE.

- Dr. Parvathi. V, Professor of English & HoD, participated in an Online Faculty Program on NBA on 12-05-2020 at Bharati Vidyapeeth College of Engineering, Navi Mumbai.
- Dr. Parvathi. V, Professor of English & HoD, participated in an online Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation on 17-05-2020 at Sinhgad Institute of Technology and Science, Narhe, Pune.
- Dr. Parvathi. V, Professor of English & HoD, participated in an online Coronavirus-(Covid-19) Awareness Program on 28-05-2020 at NSS-JNTUH CEJ.
- Dr. Parvathi. V, Professor of English & HoD, participated in an online Leadership talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History) on 30-05-2020 at MHRD’s Innovation Cell AICTE.
- Dr. Parvathi. V Professor of English & HoD, participated in A Two Day Online Workshop on “Online Tools & Software for Remote Teaching-Learning” during 24-25 April’ 2020 at UGC-HRDC, JNTUH.
- Dr.NVSN Lakshmi, Asst. Prof., attended A Short-Term Course on Gender Sensitization, from 03-02-2020 to 08-02-2020, at UGC-HRDC, JNTUH.
- Dr.NVSN Lakshmi, Asst. Prof., participated in A Workshop on Online Course Design, Development and Delivery organized by UGC-HRDC, University of Hyderabad during 11-05-2020 to 13-05-2020.
- Dr.NVSN Lakshmi, Asst. Prof., participated in A Workshop on Online Tools & Software for Remote Teaching - Learning, UGC-HRDC, JNTUH, 24-04-2020 to 25-04-2020.
- Mr.K.Balraj Published a Paper on “English Language Academic Reading: Basis for Learning Other Subjects” in Journal of Critical Reviews ISSN- 2394-5125 VOL 7, ISSUE 06, 2020.
- Mr. K. Balraj, Assistant Professor (C) participated in the Virtual International Conference ELT SUMMIT 2020 held on June 27-28, 2020 organized by International Society for Educational Leadership, ELTAI Tolani, Commerce College India
- Mr. K. Balraj, Assistant Professor (C) participated in “Design Thinking in Global Education Contemporary Teaching and Learning Techniques” organized by Solaris Strategies, National University of Singapore (NUS) during 24th to 27th June 2020.
- Mr. K. Balraj, Assistant Professor (C) participated in 6- Day Online Content Writing Workshop organized By Content Vidhya on 18th May to 23rd May 2020

- Mr. K. Balraj, Assistant Professor (C) participated in 3-day Faculty Development Program organized by Mumbai University, BMM department of Lala Lajpatrai College of Commerce & Economics & North Storm Academy held on 30th April to 2nd May 2020
- Mr. K. Balraj, Assistant Professor (C) participated in One Week International Faculty Development Program on “Research Strategies and Promotion of Teaching-Learning Process” in June 2020 organized by the Department of English from Bharat Institute of Engineering and Technology, Hyderabad.
- Mr. K. Balraj, Assistant Professor (C) participated in a Webinar on “Publishing Ethics: The Role of Publishers, Journals, Researchers and Institutions organised by Springer nature in collaboration with Infilbnet Center on 25th June 2020.
- Mr. K. Balraj, Assistant Professor (C) participated in the “National Webinar on Gender Sensitivity Through works of Literature” organized by Department of English, Andhra Mahila Sabha, Arts and Science College for Women, O. U on 26th June 2020
- Mr. K. Balraj, Assistant Professor (C) Participated in Lingua Franca National Level E-Quiz organized by the Department of English, Vidya Jyoti Institute of Technology, Hyderabad on 28 June 2020 .
- Mr. K. Balraj, Assistant Professor (C) participated in a Webinar on “The Humanities and Social Sciences: Why They are Critical to our Understanding of Today’s Complex and Challenging World” organised by Springer nature in collaboration with Infilbnet Center on 30th June 2020.
- Mr. K. Balraj, Assistant Professor (C) participated in a International Webinar on “Communicative English Skills for Engineering Students and Faculty” conducted by Mar Baselios Institute of Technology and Science (MBITS) in association with ASAP and TCS, Coordinated by IQAC & Covid 19 Cell MBITS held on 28-30 June 2020.
- Mr. K. Balraj, Assistant Professor (C) participated in a webinar on “Outstanding service towards poor and needy Corona Lock down Period 2020”, organized by Jannu Raju Chairman and Founder Jai Bheem Vidya Foundation, A Voluntary Service Organization, Regd. No. 852/19.
- Mr. B. Amarender Rao ,Assistant Professor (C) participated in a webinar on “Communicative English Skills for Engineering” organized by Mar Baselios Institute of Technology & Sciences (MBITS) 28-30 June 2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in a One-week International program on “Research Strategies and Promotion of Teaching-Learning Process” organized by Bharat Institute of Engineering & Technology (BIET) in June 2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in a webinar on “Crisis Communication: Relevance and Practice” organized by ST.Ann’s college for women on 22 June 2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in a webinar on” How to Improve Teaching Skills” organized by MLR Institute of Technology on 24th June 2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in a webinar on” The 1% Rule for Career Success” organized by C Abdul Hakeem College of Engineering & Technology on 27th June2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in “Online Quiz in English Grammar” conducted by ELT@I .
- Mr. B. Amarender Rao ,Assistant Professor (C) participated in a webinar on “Effective English Teaching Through Technology” organized by ELT@I on 26th June2020
- Mr. B. Amarender Rao, Assistant Professor (C) participated in “E Quiz on English Grammar” by Morning Star Arts & Science College for Women, Tamilnadu.
- Mr. B. Amarender Rao, Assistant Professor (C) participated in”English Discrete Point Test” by Vidya Jyothi Institute of Technology.
- Dr. P. Dasharatham, Assistant Professor (C) participated in a One-week international webinar on ‘English from Theory to Practice to Technology’ from 15-21 June 2020, organized by SAIT, session-1’ Path to Success Through Language Skills
- Dr. P. Dasharatham ,Assistant Professor (C) successfully completed NPTEL online certificate course on ‘Enhancing Soft Skills and Personality Development’ of eight weeks from Feb-April 2020
- Dr. P. Dasharatham, Assistant Professor (C) participated in A three-day international webinar on ‘Communicative English Skills for Engineering Students and Faculty’ from 28-30th June, conducted by MBITS in association with TCS
- Dr. P. Dasharatham ,Assistant Professor (C) participated in A two-day national webinar on ‘Contemporary Reflections on Critical Theories and Aesthetics’ organized by Higher Education and Research Society, Mumbai, during 19-20 June 2020
- Dr. P. Dasharatham, Assistant Professor (C) participated in a webinar on ‘Employability Skills in Curriculum Design’ on April 2020 organized by Adishankara College of Engineering and Technology
- Dr. P. Dasharatham, Assistant Professor (C) Participated in a webinar on ‘Cultural Studies’ on June 10, 2020,
- Dr. G. Thirupathi, Assistant Professor (C) participated in online webinar on Crisis Communication: Relevance and Practice, organized by ST. Ann’s College for Women Hyderabad on 22nd June 2020.

- Dr. G. Thirupathi, Assistant Professor (C) participated in online webinar on Communicative English Skills for Engineering Students and Faculty, organized by Mar Baselios Institute of Technology and Science, Kotha Mangalam, Kerala on 27 June 2020
- Dr. G. Thirupathi, Assistant Professor (C) participated in online webinar on “Beyond Bias: Empowering Women for Sustainable Growth”, organized by Birla Global University Bangalore on 27 June 2020
- Dr. G. Thirupathi, Assistant Professor (C) participated in online webinar on Novel and Theatre: Covergences and Divergences, organized by Kamaraj College Thoothukudi, Tamilnadu on 29-30 June 2020
- Ms .B. Swetha, Asst. Prof (C) attended a One Day Online Workshop on “Enhancing Research communication Skills through Science Direct and Mendeley” organized by Dayalbagh Educational Institute(IQAC) Agra on 3 May 2020
- Ms .B. Swetha, Asst. Prof (C) participated in one day International Webinar on “Importance of Education and Endurance to combat stress” organized by Advanced Education Institutions , Palwal Hariyana, on 26 June 2020
- Ms .B. Swetha, Asst. Prof (C) participated in Six-day National Level Online Chatinar Series on “English Evenings with Indian Perspectives-A-Tete-a-tete” organized by Government First Grade College(IQAC initiative), Bengaluru during 24-29 June 2020
- Ms .B .Swetha, Asst. Prof (C) participated in Three Day International Webinar on “Communicative English Skills for Engineering Students and Faculty” organized by MBITS, KERALA during 28-30 June 2020.
- Ms .B. Swetha, Asst. Prof(C) participated in One-week Webinar on “Research in English Language Teaching (ELT)” organized by GITAM-GSHS, Hyderabad during 15-22 June 2020.
- Ms .B. Swetha, Asst. Prof(C) participated in One Day National Webinar on “Future of Higher Education in Post-Covid India: Challenges and Possible Solutions” organized by ABV Government degree college, Jangoan ,Telangana on 27 June 2020.
- Ms. B . Swetha, Asst. Prof(C) participated in One Day Webinar on “How to Improve Teaching Skills” organized by MLR Institute of Technology, Hyderabad on 24 June 2020.
- Ms B Swetha, Asst. Prof(C) participated in One Day National Webinar on “Spiritualism in Literature” Organized by dept of English, Nabira Mahavidhyalaya on 17 June 2020.
- Ms B Swetha, Asst. Prof(C) participated in One Day Webinar on “Research Paper questionnaire Development” organized by RKGIT, Gaziabad on 27 June 2020.
- Ms B Swetha, Asst. Prof(C) participated in National Webinar on “Cybergony for 21st century Classrooms” organized by The Maharaja shayajirao University, Baroda during 18-19 May 2020.
- Ms B Swetha, Asst. Prof(C) participated in National Webinar on “School Isolation, School Connectedness and Happiness During Pandemic” organized by Dept of Psychology, KGC Dehradun Gurukul Kangri Vishwavidyalaya, Haridwar on 13 June 2020
- Ms B Swetha, Asst. Prof(C) participated in National Level E-Quiz “Lingua Franca” organized by Dept of English, Vidya Jyothi Institute of Technology, Hyderabad on 28 June 2020.
- Dr. Indira Rani, Asst. Prof(C) participated in One-week Webinar on “Research in English Language Teaching (ELT)” organized by GITAM-GSHS, Hyderabad during 15-22 June 2020.
- Dr. Indira Rani, Asst. Prof(C) participated in National Webinar on “Study of Literature and Arts is Central for Moral Education” organized by IQAC BADRUKA College of Commerce and Arts on 25 June 2020
- Dr. Indira Rani, Asst. Prof(C) participated in Three Day International Webinar on “Communicative English Skills for Engineering Students and Faculty” organized by MBITS, KERALA during 28-30 June, 2020

Management Science

- Dr.N.Venkatesh, Assistant professor(c) Completed a seven-day National Webinar (Faculty Development Programme) in “Online Teaching, Learning & Assessment in Higher Education” Organized by Examination Branch, University College for Women, Koti, Hyderabad in June 2020.
- Dr.N.Venkatesh, Assistant professor(c) Participated in International Workshop on “Foundations of Research Methodology: Tools and Techniques” organized by D.B College, Madhubani, Bihar and Indian Association for Management Development (IAMD) from 28-30th June 2020.
- Dr.N.Venkatesh, Assistant professor(c) Participated in the Faculty Development Program on “Interactive Session on Living Integrally” conducted by the Department of Mechanical Engineering of J.B.Institute of Engineering & Technology, Hyderabad and “Trust Eager to Forge Ahead”, Hyderabad on 27th & 28th of June 2020.
- Dr.R.Narsaiah, Assistant professor(c) Participated in the One Week (Online) Faculty Development Programme on LaTeX & Technical Report Writing, 25 - 30 May 2020 organized by Department of Mathematics, Kakatiya University, Warangal, Telangana, in association with Spoken Tutorial, IIT Bombay.
- Dr.R.Narsaiah, Assistant professor(c) Completed NPTEL online course on “Business Analytics for Management Decisions” Jan – April 2020

- Md.Anjum Pasha, Assistant professor(c) Participated in the National webinar on “Innovations and Entrepreneurship” held on 30th June 2020 organized by Rathinam college of Arts and Commerce, Tamilnadu.
- Md.Anjum Pasha, Assistant professor(c) Participated in the Two-day digital Marketing session on 24 and 25th June 2020.
- Dr.G.Prabakar ,Assistant professor(c) Participated in National webinar on “Techniques of acquiring API score and submitting PBAS for University and college Teaches” organized by International Quality Assurance cell of Lokamanya Mahavidyalaya, Warora on Wednesday 24th June 2020
- Dr.G.Prabakar, Assistant professor(c) Participated in National webinar on “Creation of Google Sites and OER” organized by the Department of Business Management held on 26.05.2020, RBVRR Women’s college
- Dr.G.Prabakar, Assistant professor(c) Participated in One-week online faculty development programme on Model Organized by Department of Management SBJITMR in association with spoken Tutorial project, IIT Bombay from 11 may to 16 May 2020
- Dr.G.Prabakar, Assistant professor (c) Participated in National level E-Quiz on Research Methodology, organized by the Department of English, Agurchand Manmull Jain College May 2020
- Dr.G.Prabakar, Assistant professor (c) Participated in NPTEL online course on “**Business Statistics**” Jan – April 2020
- Dr.G.Prabakar ,Assistant professor (c) Participated in Completed NPTEL online course on “Business Analytics for Management Decisions” Jan – April 2020
- Dr.G.Prabakar, Assistant professor (c) Participated in Online quiz on Financial Literacy organized by Department of Commerce on 5/3/2020 by Diraj lal Talakchand Sankalchand shah college of Commerce on 5/3/2020.

Papers Published in National / International Journals by the Faculty

- Dr. E. Murali Dharshan, Dr. R.Narsaiah, “Impact of Corona virus on the Global Economy What happens to India and China trade Relations” Paper published in International Journal of Management and Social Science research review on 26th June 2020. Peer Review ISSN 2349-6738.
- Dr. Gampala Prabhakar, J.N.G. Sreenivas, “Intention to adopt ICT by Agri-Entrepreneur: An Empirical Analysis using Technology Acceptance Model”

International Journal of Disaster Recovery and Business Continuity (**web of science journal**), ISSN- 2005-4289(P) IJDRBC, Vol 11, No 1(2020), Page No 1364-1369.

- J.N.G. Sreenivas, Dr. Gampala Prabhakar, Dr. Kalpana Koneru, “An Empirical Study on Training And Development Programs Impact On Employees’ Performance And Psychological Empowerment With Reference To Selected Healthcare Units” Journal of Critical Reviews (**Scopus Indexed**), ISSN- 2394-5125, Vol 7, Issue 10, 2020, doi: [10.31838/jcr.07.10.82](https://doi.org/10.31838/jcr.07.10.82), Page No 390-394.

Entrepreneurship Development Cell

- Dr.M.Indira Rani, Professor of Mechanical Engg., & Chief Coordinator of EDC, JNTUHCHEH, organized TEDP on Renewable Energies during 16/12/2019 to 30/01/2020 at CMRIT, Kandlakoya, Medchal. This programme was sponsored by NSTEDB, Under EDII-DST-NIMAT- PROJECT. 35 M.Tech. and B.tech. Students participated.

Four technical sessions were conducted each day and important topics were covered and Resource persons are : Introduction to Entrepreneurship by Mrs. Suman Ranga Bhashyam ; How to Identify Business Opportunities by Dr.Uday Shankar-Ni-MSME; Schemes of Assistance for MSMEs: NSIC, SIDBI and DIC by Mr.Sudheer Kumar, Asst. Director, MSME; What is the Solar Power Sector by Mr. Murthy – Consultant; Time Management and Human Resource Management by Dr. Manoharan, Consultant; Legal Formalities in Enterprises by Mr.N. Ram Mohan, Rtd. Bank Manager; Soft Skill Development : Communication & Information Seeking by Mr. Vivek Rangabhashyam etc., Quizzes, Debates and GDs were conducted on wide range of related topics. On 24/01/2020, participants were taken to the Industry visit and during 25th -29th 2020, practical work and model test for students were conducted. Participation Certificates were distributed on 30/01/2020 in Valedictory Session



Technical Session on 17th Dec 2019 by Dr. Uday Shankar – Ni-MSME



Technical Session on 17th Dec 2020
by Mr. Sudheer Kumar Asst. Director, MSME



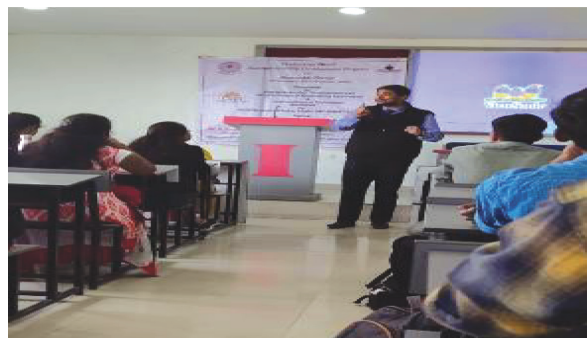
Technical Session on 18th Dec 2020
by Mr. Sathyamurthy, Consultant



Technical Session on 19th Dec 2020
by Dr. Manoharan, Consultant



Technical Session on 20th Dec 2020
by Mr. Rammohan, Retd. Bank Manager.



Technical Session on 21st Dec 2020
by Mr. Vivek Rangabhashyam, Director, Morkito

Forthcoming Events

- Entrepreneurship Development Program (EDP), Sponsored by NSTEDB Govt. of India under EDII-DST-NIMAT-PROJECT-2020-2021

Alumni Activities

Alumni Meetings/Activities Organized by the Alumni Association

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

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

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

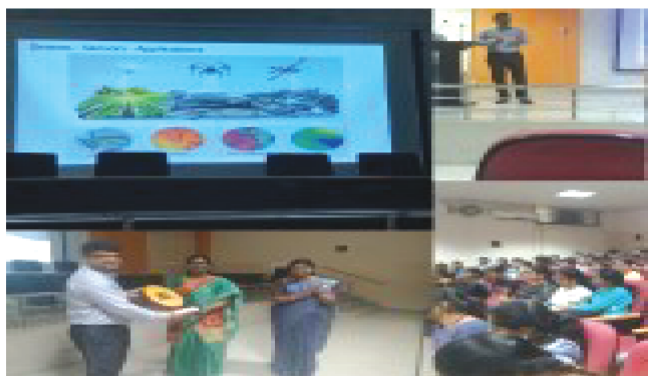
"I find that the harder I work, the more luck I seem to have." — Thomas Jefferson

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

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



Global Alumni Reunion Photo



Alumini Talk Session

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

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

Other Achievements Related to JNTUH CEH

- JNTUHCEH initiated the construction of Alumni Association Building with central facilities for the benefit of students, faculty and alumni activities during Feb-March 2020. Executive Council, JNTUH

has graciously provided the required space for the construction of the central facility which will be entirely funded by the Alumni Association of JNTUHCEH.

Training and Placement Cell

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

JNTUH CEH Library:

- Information about print journals: We have renewed print journals & magazines from **Jan 2020 - Dec 2020**



Library

- International Journals – 14 No's
- National Journals – 25 No's
- Magazines – 8No's

Startup Cell Activities

Dr. K.P.Supreethi, Professor of CSE & Coordinator of Startup Cell at JNTUHCEH initiates and organizes various events and supports budding talents in the race for finding their dream venture.

The Startup Cell share the common belief that for India to emerge as a world power, the youth has to break the shackles of prejudices and inertia that has kept them from starting up. Creating a Startup ecosystem to provide the platform for individuals with creative minds and ideas with potential for substantial business opportunities is what it strives towards continually. It enables smooth and efficient interaction among

"All progress takes place outside the comfort zone." — Michael John Bobak

students, faculty, working professionals, aspiring and existing entrepreneurs

TEQIP-III

Details of Faculty who have Conducted Workshops / Conferences/ Seminars by the Institute under TEQIP

S. No.	Name of the Faculty	Department	Name of the conference/ workshop	Date of programme
1	Dr. G.V. Narsimha Reddy, Professor	Civil Engineering	organized a National Conference Geotechnical Applications -2020	24 th January, 2020 at JNTUH CEH.
2	Dr. M.Madhavi latha, Professor	ECE	3Day FDP on “Designing LTE and LTE Advanced Physical Layer Systems	27 th to 29 th February, 2020
3	Dr. K.P. Supreethi, Professor & Smt.E. Hemalatha, Assistant professor	CSE	24 hours Internet Hackathon of Smart India Hackathon-2020	9 th January, 2020
4	Dr.D.Sreeni vasa Rao, Professor	ECE	Hands on Training on C Program ming and data Structures	27 th January, 2020 (3.30 PM to 6.30 PM)
5	Dr. B. Pad maha Rani, Dr.K.P. Supreethi, Professors	CSE	Organized ICCII-2020	14 th to 15 th February, 2020
6	Dr.V.Kama kshi Prasad, Professor	CSE	Two day workshop on “Current & Future trends in AI & Quantum Computing”	28 th and 29 th February, 2020 at JNTU HCEH
7	Dr.P.Sravana, Professor & HOD	Civil	Guest lecture on “Autodesk Navisworks	2 nd and 3 rd March, 2020

8	Dr.P.Sravana, Professor & HOD	Civil	Guest lectures on “Building Information Modeling	2 nd and 3 rd March, 2020
9	Dr.K.Anitha Sheela, Professor & Head	ECE	Workshop on Internship preparation	29 th February, 2020
10	Dr.A.Jaya Laxmi, Professor	EEE	A One day Workshop for Girl Students .	11 th March, 2020
11	M.Tech Structural Engineering students	Civil	Industry visiting three ready Mix plants of different capacities.	3 rd March, 2020

Details of Faculty who have Attended Workshops / Conferences/Seminars by the Institute under TEQIP

S. No.	Name of the Faculty	Department	Title of Programme	Date & Organising institute and venue
1	Dr.G.Krishna Mohan Rao, Professor	Mech., Engineering	3 day Exam Reforms Workshop	9 th to 11 th January, 2020 at KLE Technological University, Hubli, Karnataka
2	Dr. G.N. Srinivas, Professor, EEE Department, & Vice Principal	EEE	3 day Exam Reforms Workshop	9 th to 11 th January, 2020 at KLE Technological University, Hubli, Karnataka
3	Dr.B.Ramesh Chandra, Assistant Professor	Mett., Engg.,	3 day Exam Reforms Workshop	9 th to 11 th January, 2020 at KLE Technological University, Hubli, Karnataka
4	Dr.T.Sabitha kala, Assistant Professor	Chemistry	17 th and 18 th January, 2020 at Swami Ramanand Teertha Marathwada University	9 th to 11 th January, 2020 at KLE Technological University, Hubli, Karnataka
5	Mr.G.Ravi, Assistant Professor (Contract)	Mech., Engineering	Short Term Course on “Utilization of Solar Thermal Energy”	25 th to 29 th May, 2020 at IIT Bombay

6	Dr.P.Srilakshmi, Associate Professor	Civil Engineering	Workshop on “Long Span Bridge Construction”	1 st February, 2020 at NAC, Hyderabad
7	Dr.P.Srinivasa Rao Professor	Civil Engineering	Advanced Course on LSDSS’ 20	12 th to 14 th February, 2020 at CSIR Campus, Taramani, Chennai
8	Dr.P.Bhramara, Professor	Mechanical Engineering	Workshop on “MOOCS, and Open Educational Resources	10 th to 12 th February, 2020 at UGC HRDC, JNTUH.
9	Dr.N.Yadaiah, Professor	EEE	Professional Development Training	10 th to 14 th February, 2020 at IIM Indore
10	Dr.P.Srinivasa Rao, Professor	Civil Engineering	FDP on “Achieving Excellence in Engineering Education	2 nd to 5 th March at Lakshadweep
11	Dr.M.A.Srinivas, Professor & Head	Maths Dept	(ICAAM 2020)	21 st to 22 nd , February, 2020 at Bharathivar University, Coimbatore
12	Sri. A. Balaram Naik, Assistant Professor	Mechanical Engineering	Autonomous Car Workshop	24 th and 25 th February, 2020
13	Dr.P.Prasanna, Asst Prof.	Mechanical Engineering	conduct Ornithopter Workshop	24 th and 25 th February, 2020
14	Dr.K.Vijaya Kumar Reddy, Professor	Mechanical Engineering	Professional Development Training	2 nd to 6 th March 2020 at IIM Visakhapatnam
15	Dr.E.Ramjee, Professor & Coordinator TEQIP-III	Mechanical Engineering	Attending Professional Development Training	2 nd to 6 th March 2020 at IIM Visakhapatnam
16	Dr.A.Aruna Kumari, Professor	Mechanical Engineering	Attending Professional Development Training	2 nd to 6 th March, 2020 at IIM Visakhapatnam
17	Dr.K.Vijaya Kumar Reddy, Professor	Mechanical Engineering	AICTE Training Programme	24 th February, 2020 at Chennai
18	Dr. A.V.S.S. Kumara Swami Gupta, Professor	Mechanical Engineering	AICTE Training Programme	24 th February, 2020 at Chennai

19	Dr.G.N. Srinivas, Professor	EEE	AICTE Training Programme	24 th February, 2020 at Chennai
20	Mr.N.Ravi Kumar, Assistant Professor (Contract	Mechanical Engineering	Short term Course on “Advanced CAD-CAM Applications in CNC Machining”	13 th to 17 th March, 2020
21	Mr.K.Shiva Assistant Professor (Contract)	Mechanical Engineering	Short term Course on “Advanced Welding Technologies and Failure Analysis”	16 th to 20 th March, 2020 at IIT Indore
22	Mr.P.Suresh, Instructor,	Mechanical Engineering	Short term Course on “Advanced Welding Technologies and Failure Analysis	16 th to 20 th March, 2020
23	Mr.Kishan Banothu, Assistant professor (Contract)	Mechanical Engineering	Workshop on “Vehicle and Tire Dynamics Modeling Simulation and Testing”	3 rd to 8 th May, 2020 at IIT Hyderabad
24	Dr.N.Yadaiah, Professor	EEE	Online Workshop by NAHRD on “Right to Information Act”	10-06-2020
25	Dr.P.Srinivasa Rao Professor	Civil Engineering	Online Course on” Corrosion Control in Concrete Structures	15 th , 16 th and 17 th July, 2020 from 10 AM to 2.30 AM each day
26	Mr.M.Hari Krishna, Full time PhD scholar (bearing roll No 1803PH0802	ECE	Online Conference “International Conference on Electronics and Sustainable Communication Systems”	28 th and 30 th April, 2020

“If your actions inspire others to dream more, learn more, do more, and become more, you are a leader.”
— John Quincy Adams

JNTUH CEH Sports Activities
JNTUHCEH Students Participated in South
Zone & All India IUT Tournaments

S. No.	Name of the Student	Class & Branch	Game/Event	Hosting university /College	Level
1	Gade Saivivek	B-tech (ii/v) civil+idp Jntuhceh	Aqua Tics (swimming) Punjab.	Lovely Professional University,	All India Inter University
2	K.Sugun paul	M-tech (ii/ii) mech	Basket ball	Hindustan University, Chennai	South zone Inter University
3	Kodigudla Sai Durga Jagadeesh	M-tech (ii/ii) biotechnology Jntuhceh	Basket ball	Hindustan University, Chennai	South zone Inter University
4	Mohammed Qizer	B.tech (ii/iv) civil Jntuhceh	Hand Ball	Bengaluru north university, kolar.	South zone inter university
5	Karri Swamy Naidu	B.tech (ii/iv) CSE Jntuhceh	Soft ball	Yogi vemana univeristy Kadapa.	All India Inter univer sity
6	K.Ruthvik Reddy	B.tech (ii/iv) met Jntuhceh	Netball	University of Calicut, Kerala	All India Inter univer sity
7	K.Swami Naidu	B.tech (ii/iv) met Jntuhceh	Soft Ball	Yogi Vemana University, Kadapa	All India Inter University
8	B.Prem Kumar Reddy	B.tech (i/iv) eee Jntuhceh	Teak wondo, Poom sae.	Punjabi University, Patiala.	All India Inter University
9	Ch.Raghu	B.Tech (i/iv) civil Jntuhceh	Teak wondo, Poom sae.	Punjabi University, Patiala. university	All India Inter University
10	Soumya Sree Maram	B.Tech (i/iv) ece Jntuhceh	Ball Badminton	Andhra University, Visakha patnam.	All India Inter University
11	Singapogu Preethi	B.Tech (i/iv) mech Jntuhceh	Ball Badminton	Andhra University, Visakha patnam.	All India Inter University

12	Nidhi Singh	B.tech (i/iv) CSE Jntuhceh	Basket ball	Univer sity of Madras, Chennai	South Zone Inter Univer sity
13	Duvva Dayamini	B.Tech (i/v) Mech (idp) Jntuhceh	Hand Ball	University of Calicut, Kerala	South Zone Inter Univer sity
14	Salidendi Ravali	B.Tech (ii/iv) ECE Jntuhceh	Kabaddi	Vel tech University, Chennai	South Zone Inter univer sity
15	Nallagonda Aakruthi	B.Tech (i/iv) met Jntuhceh	Netball	Annamalai university, Tamilnadu	All India Inter Univer sity
16	Bhushan Udayasri	B.Tech (i/iv) met Jntuhceh	Netball	Annamalai university, Tamilnadu	All India Inter univer sity
17	Chinthalapudi Ramya Sri	B.Tech (iii/iv) Met Jntuhceh	Volley ball	Srm Univer sity, Chennai	South Zone Inter univer sity
18	Allu Hima Bindu	B.Tech (iv/v) eee (idp) Jntuhceh	Volley ball	Srm Univer sity, Chennai	South Zone Inter Univer sity
19	Posina Harshitha	B.Tech (i/iv) eee Jntuhceh	Volley ball	Srm Univer sity, Chennai	South Zone Inter univer sity
20	G.Satya Sri Vani	B.Tech (i/iv) ece	Soft Ball	Punjabi University, Patiala. Jntuhceh	All India Inter University
21	J.Mounika	B.Tech (ii/iv) cse Jntuhceh	Soft Ball	Punjabi University, Patiala	All India Inter univer sity
22	Duvvada Yamini	B.Tech (i/v) mech(idp) Jntuhceh	Teakwondo, Poom Sea	Punjabi University, Patiala	All India Inter University
23	B.soniha Reddy	B.Tech (i/iv) Civil Jntuhceh	Teakwondo, Poom Sea	Punjabi University, Patiala	All India Inter University

- Jntuh central zone Inter collegiate kho-kho (men & women) tournament was organised on 18, 19 feb 2020 at jntuh campus under the flood lights, in this event 50 men & women teams participated successfully.

"It is strange that sword and words have the same letters." - Gaur Gopal Das



JNTUH Central Zone Inter Collegiate Kho-Kho Men Tournament was organised on 18, 19 Feb 2020 at JNTUH



Student Winners in Jubilant Mood



Dr.G.N.Srinivas, Principal presenting a Memento



JNTUH Central Zone Inter Collegiate Kho-Kho Women Tournament was organised on 18, 19 Feb 2020 at JNTUH

*“Management is doing things right,
leadership is doing the right things” - Peter Drucker*

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