



# JNTUH NEWS

## A Half-Yearly Newsletter

Volume: 1

Issue No: 2

July–December 2020

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**Sri. Jayesh Ranjan, IAS**  
Incharge Vice-Chancellor, JNTUH

### MESSAGE

I am happy to note that JNTUH is bringing out the second edition of Half-Yearly Newsletter and on behalf of the organization, I take this opportunity to extend a warm welcome to its readers. In the University Education, one of the significant keys to success is winning the self-assurance, admiration, and faith of the stakeholders, parents and students. The COVID-19 created new ways of learning. During this pandemic situation, teachers have faced a hard-hitting academic year and they are forced to contemplate how technology could be used to keep students safe and involved in learning. Under these circumstances, educational institutions looked at various online learning platforms to continue with the process of educating students. Teachers are able to become more effective trainers by extending the lesson plan beyond conventional textbooks, to include online resources. In the recent past, the demand for online learning has risen considerably, and online learning is now applicable not just to gain subject-knowledge, but it also extends to learning and practising co-curricular activities for the students.

It is heartening to learn that JNTUH, with its highly qualified teachers, continues to attract brilliant students from India and abroad in this exceptionally competitive global set-up. The quality of staff and students is vital for a successful university. Teachers of various units and constituent colleges have published many qualitative research articles in national and international journals and attended voluminous webinars during this period. The University is additionally engaged in a significant number of collaborations to get industrial and international exposure for the benefit of the students and to keep abreast of new and emerging technologies. It must be emphasized that any educational institution could survive on a constant dedication to quality teaching and life-long learning. I am confident that our University will continue to navigate its way towards academic excellence. Congratulations to the teaching & non-teaching staff and students for their immense contribution in Academic and Research activities and bringing many laurels to the University.

**Sri. Jayesh Ranjan, IAS**  
Incharge Vice-Chancellor, JNTUH



**Dr. A. Govardhan**  
**Rector, JNTUH**

## **MESSAGE**

First and foremost, I would like to thank all our teaching and non-teaching staff for their great contribution during this crisis and to get our autonomous and constituent colleges/units prepared to cope with this situation. Our quest is to get academic distinction through dedication. Teachers' commitment makes all the difference. In collaboration with our students, academicians, lecturers and administrative staff, we are committed to creating a high-quality learning environment in the university that promotes a participatory, interactive and learner-centered approach. Virtual education has opened up many possibilities of rethinking the way we are doing teaching & learning. The use of educational technology tools and the creativity of the teacher transformed the classroom environment completely during this pandemic period.

The online learning system, with its range of options and resources, can be adapted in many ways. Infact, it is the best way to create a perfect learning environment suited to the needs of each student. Virtual learning involves a paradigm shift in pedagogy through an understanding of the blended learning model by teachers and students. This model helps creating more opportunities for cooperative tasks along with providing opportunities to rethink the mode of assessment and feedback. Furthermore, with this sudden shift away from the traditional classroom, the adoption of online learning will continue to persist post-pandemic. Despite some challenges, students could adapt to the new learning methods of online, and digital learning has emerged as an essential resource for students and colleges that they have had to adopt.

The University Newsletter will definitely help to showcase the events that are happening in the campus. It also helps in building up a good teamwork which is the need of the hour in this competitive world. The merits, outstanding contributions and academic achievements of the faculty are known to the world through this periodical. I am confident that the information related to the achievements of the staff and students would certainly create a positive impression in the minds of readers. I congratulate the Editorial Team for all their efforts in bringing out this issue.

Please stay safe and healthy.

Thank you.

**Dr. A. Govardhan**  
**Rector, JNTUH**



**Dr.M.Manzoor Hussain**  
**Registrar, JNTUH**

## **MESSAGE**

The conundrum caused due to the pandemic has been unimaginable for the humankind. While the highly chosen proposition by various policymakers to avert the disease is definitely by “lockdown”, simultaneously the world is trying to eliminate this situation once and for all. The astonishing fact about this “pause” is that it did not leave “education” out of it. Since the start of the pandemic, education sector is the first to be paralyzed as “physical distancing” was not at all a possibility on campus. JNTUH has turned all disadvantages into an advantageous situation for both staff and students by making use of the digital platform effectively for teaching and learning. Online education enables the teacher and student to set their own learning pace which in turn allows students for a better balance of work and studies.

It was with the help of highly committed staff that we were and are not only able to deliver the predetermined curriculum but also grooming the youth in response to contemporary developments and requirements posed by the ever-evolving society. As students progress through online classes, they seek more autonomy and academic freedom. Online learning could help them follow highly personalized learning programs. Studying online teaches students vital time-management skills which make finding a good work study balance easier. These abilities, combined with practical exercises, real-world study and thorough evaluations can be highly advantageous to their learning progress.

The expertise of the administration, the strength exhibited by teaching and non-teaching staff, the demonstration of courage by maintenance department, the help from Health department and the support of the students has contributed enormously to come out of this crisis and it helped the system in the direction of setting an example that this is what education is about, learning, adapting and implementing. Indeed, students also have been very supportive in all aspects by accommodating themselves and being flexible enough whenever it is needed. In this phase of uncertainty, JNTUH has fostered hope among parents and their wards by constantly updating all the details to help them understand and to conduct online classes smoothly. The pandemic may and will find ways to stop the world from functioning but with education, a hope for proper evolution is always available. Education must never stop.

I wish all the students a successful career, good health and prosperity.

**Dr.M.Manzoor Hussain**  
**Registrar, JNTUH**

# JNTUH College of Engineering Hyderabad

## JNTUH CEH EVENTS

Logo Launch of IEEE Student Branch JNTUH CEH & Workshop on Internship and Resume writing was conducted with Dr. K.Anitha Sheela( Professor & Head of ECE Dept.) as Student Branch Councillor and Mr.Pankaj (4<sup>th</sup> year ECE IDP) as student Branch Chair. Dr.Amith IEEE Hyderabad section Chair, Dr.N.Yadaiah, Former Registrar JNTUH, Dr.G.N. Srinivas Vice Principal JNTUHCEH and a few directors of JNTUH, HoDs and Senior Professors of JNTUH CEH graced the occasion which was held on 19<sup>th</sup> Feburay 2020



Logo Launch of IEEE Student Branch, JNTUH CEH



Unified Platform for Road Infrastructure by JNTUH CEH Students.





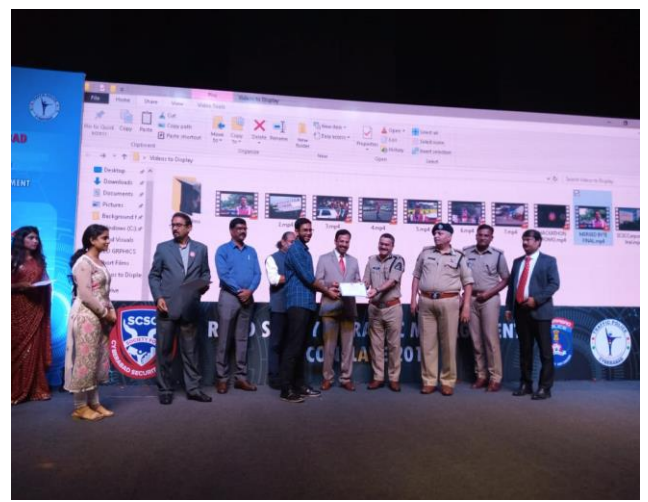
Hacakathon Award Received by JNTUH CEH Students.



Hacakathon Award Received by JNTUH CEH Students.



Hacakathon Award Received by JNTUH CEH Students.



Hacakathon Award Received by JNTUH CEH Students.



Hacakathon Award



Workshop on 'C' Programming and Data Structure held at JNTUH CEH

## **JNTUH College of Engineering Hyderabad**

### **Department of Civil Engineering**

#### **Details of Conferences/Seminars/FDPs**

##### **Attended by the Faculty**

- Dr.P.Srinivasa Rao, Professor attended NACE International Gateway India Section organizing online Education & Training Course on “Corrosion Control of City Gas Distribution” from 23<sup>rd</sup>-25<sup>th</sup> July 2020.
- Dr.P.Srinivasa Rao, Professor attended NACE International Gateway India Section organizing online Education & Training Course from 17<sup>th</sup>-19<sup>th</sup> August 2020.
- Dr.B.Siva Konda Reddy, Associate Professor attended One Week International Online FDP on “Latest Trends in Engineering, Science and Technology: Nano Materials (LIET: Nano Materials)” organized by LENDI Institute of Engineering and Technology, Kakinada from 10<sup>th</sup> - 15<sup>th</sup> August 2020.

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

- Dr. S. Srinivasulu, Professor delivered an Invited Talk on “3<sup>rd</sup> edition of National Conference on Recent Advances in Science & Technology” (3<sup>rd</sup> NCRAS 2020) at Assam Science and Technology, Jalukbari, Guwahati from 17<sup>th</sup> -19<sup>th</sup> 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 from 15<sup>th</sup>-20<sup>th</sup> 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 25<sup>th</sup> July 2020.

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

- Dr.P.Srinivasa Rao, Professor Reviewer for National Journal of “Indian Concrete Journal” for ACC Limited.
- Dr.P.Srinivasa Rao, Professor Reviewer for National Journal of “Journal on Civil Engineering” for i-manger publishers.
- Dr.K.Manjulavani, Professor&BoS Chairman JNTUH Reviewer for International Journal of “Remote Sensing” for Taylor & Francis.

- Dr.K.Majulavani, Professor & BoS Chairman JNTUH reviewer for International Journal of “Geo Sciences” for American Journals.
- Dr.K.Majulavani, Professor & BoS Chairman JNTUH reviewer for International Journal of “Advance in Material Sciences” for Elsevier Journals.
- Dr.S.Srinivasulu, Professor reviewer for International Journal of “American Society of Civil Engineering”
- Dr.S.Srinivasulu, Professor reviewer for International Journal of “Elsevier”
- Dr.M.Padmavathi, Associate Professor for International Journal of “Advance in Material Sciences” for Hindwai Publishers.
- Dr.M.Padmavathi, Associate Professor for International Journal of “Engineering of Structures” for Elsevier Publishers.

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

- Dr.Padmavathi M, Associate Professor , Padmavathi V, Professor & Madhav M.R, Emeritus Professor (2020) Published a journal 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
- Dr.Padmavathi M, Associate Professor , Padmavathi V, Professor & Madhav M.R, Emeritus Professor International Journal on Science and Research, Vol.8, No. 8, pp. 1572-1578. ISSN: 2319-7064.

##### **New Appointments and Promotions**

- Dr.K.M.Lakshmana Rao, Professor of Civil Engineering appointed as “Director BICS” at JNTUH University.
- Dr.M.Janardhan Yadav, Professor of Civil Engineering appointed as “Project Engineer (CIVIL) at JNTUH College of Engineering
- Dr.M.Padmavathi, Associate Professor of Civil Engineering appointed as “Coordinator BICS at JNTUH University.

### **Department of Electrical & Electronics Engineering**

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

- Dr.A.Jayalaxmi Professor, Corodinated a Five Day FDP funded by AICTE on “AI Techniques to Electrical Engineering ” organized by UGC HRDC from 6<sup>th</sup> -10<sup>th</sup> July 2020 with 180 participants.
- Dr.K.Naga Sujatha, Professor, Dy. Director, UGC HRDC Corodinated a Twelve Day Refresher Course on “Soft Computing Techniques-Electrical Engineering” organized by UGC HRDC from 5<sup>th</sup>-20<sup>th</sup> October 2020 with 23 participants.
- Mr.D.Kiran Kumar, Asst.Prof. Corodinated a Two Day Program on “Power Electronics Applications in Electrical Systems” from 28<sup>th</sup> -29<sup>th</sup> December 2020



with a decent number of 80 participants organized by TEQIP III.

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

- Dr.N.Yadaiah, Professor attended a One Day National webinar on "NAAC Assessment and Accreditation Process" on 3<sup>rd</sup> July 2020 at UGC HRDC, JNTUH, Hyderabad, T.S.
- Dr.N.Yadaiah, Professor attended a One Day National webinar on "Impact of Covid-19 on Future of Higher Education-Challenges and Opportunities" on 4<sup>th</sup> July 2020.
- Dr.N.Yadaiah, Professor attended a One Day International IEEE ABET Webinar on "Accreditation and Quality of Engineering Education in South Asia" on 8<sup>th</sup> July 2020.
- Dr.N.Yadaiah, Professor attended a Two Day National webinar on "Intellectual Property Rights" from 15<sup>th</sup>-16<sup>th</sup> July 2020.
- Dr.N.Yadaiah, Professor attended a One Day International IEEE ABET Webinar on "Essential Education for Accelerating Creative Career" on 6<sup>th</sup> August 2020.

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

- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH has delivered an Expert lecture on "Art of Paper Writing & Research Ethics" in a Course on Research Methodology at Research and Development, JNTUH on 2<sup>nd</sup> September 2020.
- Dr. N.Yadaiah, Professor of EEE, JNTUH CEH has delivered an expert talk (online) on "APPLICATION OF AI AND IOT TO POWER SYSTEMS INCLUDING SMART GRID" on 14<sup>th</sup> December 2020 at Sridevi Women's Engineering College, Hyderabad.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered a talk on "Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth" and "Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for Creative Results" on 21<sup>st</sup> August 2020 in the UGC sponsored online "Faculty Induction Programme-I" held from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020 organized by UGC HRDC, JNTUH.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered a talk on "Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth" and "Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for

Creative Results" on 13<sup>th</sup> October 2020 in the UGC sponsored Online "Faculty Induction Programme-II" held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020 organized by UGC HRDC, JNTUH.

- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered a talk on "Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth" and "Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for Creative Results" on 13<sup>th</sup> October 2020 in the UGC sponsored Online "Faculty Induction Programme-III" held from 2<sup>nd</sup> November to 8<sup>th</sup> December 2020 organized by UGC HRDC, JNTUH.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered a talk on "Women in Engineering in Power, Energy & Industry Sectors in India -Opportunities & Challenges" on 26<sup>th</sup> July 2020 organized by IEEE Hyderabad Section, Hyderabad.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered a talk on "Renewable Energy Integration, Energy Management & Storage" in the AICTE Training & Learning (ATAL) Academy online FDP on 25<sup>th</sup> August 2020 organized by the Dept. of EEE, Nalla Malla Reddy Engineering College, Hyderabad.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has delivered Inaugural Address on 2<sup>nd</sup> December 2020 in 20 Day Student Induction Programme organized by Global Institute of Engineering & Technology, Chilkur (V), R. R. Dist.
- Dr.M.Sushama, Professor of EEE, gave an expert lecture on the topic "Distributed Generation in Deregulated Electricity Market" for two and half hours through an online webinar on 10<sup>th</sup> September 2020 in STTP ON "Renewable Energy Development in Deregulated Power Market: Future Scenario Phase-III" at Jayamukhi Institute of Technological Sciences, Narsampet, Warangal (Rural) T. S.
- Dr.M.Sushama, Professor of EEE, gave an opening expert lecture on the topic "Introduction to Restructuring of Power Industry" for two hours through an online webinar on 12<sup>th</sup> October 2020 FN session from 11:00 am to 1:00 pm in AICTE Sponsored Online Six Day STTP Phase-IV On "Renewable Energy Development in Deregulated Power Market: Future Scenario" at Jayamukhi Institute of Technological Sciences, Narsampet, Warangal (Rural) T. S.

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

- Dr.N.Yadaiah, Professor of EEE JNTUH CEH delivered a talk on “Engineering Education– Challenges and Professional Ethics” B.Tech Students on 10<sup>th</sup> December 2020 at JNTUH CEH.

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

- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH has reviewed a research paper entitled Elsevier International Journal Applied Soft Computing: 03
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH has reviewed a research paper entitled IET Signal Processing (Institute of Engineering and Technology, UK Press): 01
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH reviewed a research paper entitled Neural Computing and Applications (Springer Journal): 02

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

- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH published a paper on “Optimal parameter tuning of Modified Active Disturbance Rejection Control for unstable time-delay systems using an AHP combined Multi-Objective Quasi-Oppositional Jaya Algorithm” in Elsevier International *Journal of* Volume 86,2020,105881,ISSN1568-4946. <https://doi.org/10.1016/j.asoc.2019.105881>.
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH published a paper on “Analytical tuning rules for Reduced-order Active Disturbance Rejection Control with FOPDT models through Multi-Objective optimization and multi-criteria decision-making” in Elsevier International *Journal* Accepted for Publication.
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH published a paper on “High Performance of Brain Emotional Intelligent controller for DTC-SVM based sensorless Induction Motor Drive” in Springer Journals Accepted for Publication.

### **Conference Papers Presented by the Faculty**

- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH presented a paper titled “Analysis of Parameters Variations in Brain emotional Learning Controller” on 4<sup>th</sup> October 2020 at IEEE-HydCon 2020.
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH presented a paper titled “Real-Time Implementation of Brain Emotional Controller for Sensorless Induction Motor Drive with Adaptive System” on 29<sup>th</sup>-30<sup>th</sup> August 2020 at ICCMCLA, Springer.
- Dr.N.Yadaiah, Professor of EEE, JNTUH CEH presented a paper titled “Model Predictive Controller for Permanent Magnet Synchronous Motor Drive: Analysis of Speed controllers” on 4<sup>th</sup> October 2020 at IEEE-HydCon 2020.

### **New Appointments and Promotions**

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

- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, has received the award “Distinguished Educator Award”

for her outstanding scholastic performance on 31<sup>st</sup> October 2020 by International Association of Educators and Corporate Trainers (IAECT), Mumbai.

- Mr.D.Kiran Kumar, Asst. Professor was appointed as Hostel warden, JNTUH CEH.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH, Hyderabad, was elected as a National Level Executive Council Member of Systems Society of India, on 30<sup>th</sup> September 2020 for the Term 2020-2023.

### **Students’ Achievements**

- Ms.Nakara Komula Vamshi Priya M.Tech (PE) student & Dr.A.Raghu Ram, published a paper on “An Improved Particle Swarm Optimization Technique for Selective Harmonic Elimination in CASCADED-H Bridge Inverter” in a journal Vol.11, ISSN No. 0377-9254 Issue 10 in October 2020.
- Ms.Palakurthi Ravali M.Tech (PE) student & Dr.A.Raghu Ram, published a paper on “Design and Implementation of multilevel Current Source Inverter Topology with Reduced Number of Switches-International Journal (HTL)” in a journal Vol. 26 ISSN NO: 1006-6748 Issue 11 in November 2020.
- Mr.Janga Rakesh M.Tech (PE) student & Dr.G.Tulasi Ram Das, published a paper on “Elimination of DC-Link Current Ripple for Modular Multilevel Converters” in International Journal Vol. 26 ISSN NO: 1006-6748 Issue 9 in September 2020.
- Ms.Kodithala Vani M.Tech (PE) student & Dr.M.Sushama, published a paper on “Implementation of Reduced Carrier PWM Scheme with Unified Switching Expressions for Multilevel DC Link Inverter” IJAEMA Journal Vol. 12 Issue 10 on October 2020.
- Mr.Prasad Puramshetti M.Tech (PE) student & Mr.D.Kiran Kumar, published a paper on “Design and Development of Direct Torque Controlled Five Phase Induction Motor Drive” in International Journal (HTL) Vol. 26 ISSN NO. 1006-6748 Issue 12 on December 2020.

### **Department of Electronics and Communication Engineering**

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

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

- Logo Launch of IEEE Student Branch JNTUH CEH & Workshop on Internship and Resume writing was conducted with Dr.K.Anitha Sheela (Professor & Head of ECE Dept.) as Student Branch Councillor and Mr.Pankaj (4<sup>th</sup> year ECE IDP) as student Branch Chair. Dr.Amith IEEE Hyderabad section Chair, Dr.N.Yadaiah, Former Registrar JNTUH, Dr.G.N. Srinivas, Vice-Principal JNTUH CEH and a few Directors of JNTUH, HoDs and Senior Professors of JNTUH CEH graced the occasion which was held on 19<sup>th</sup> February 2020.





Logo Launch of IEEE Student Branch, JNTUH CEH

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

- Dr.T.Satya Savithri, Professor of ECE Dept. attended an FDP on “Image Transform and Application” organized by VJIT College of Engineering And Technology on 18<sup>th</sup> November 2020.
- Dr.T.Satya Savithri, Professor of ECE Dept. attended an FDP on “Implementation of Artificial Intelligence for Solving Digital Signal and Image Processing Problem” organized by VJIT College of Engineering And Technology on 30<sup>th</sup> December 2020.
- Dr.A.Rajani, Associate Professor of ECE Dept. attended a Three Day Workshop on “ML using Python” organized by VJIT College of Engineering and Technology from 5<sup>th</sup>-7<sup>th</sup> March 2020.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended a Three Day Webinar on “Digital IC Design with DFT Concepts using Mentor Graphics Tools” from 29<sup>th</sup> June 2020 to 1<sup>st</sup> July 2020 organized by Department of ECE in Collaboration with APPLYVOLT.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended an online FDP on “Data Science and Analytics” from 7<sup>th</sup>-11<sup>th</sup> July 2020 at Anurag University, Hyderabad.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended an online Quiz on “Digital Electronics” on 4<sup>th</sup> July 2020 organized by Department of Electronics & Computer Engineering with score (92%).
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in a one week National level FDP on “Digital Tools” from 29<sup>th</sup> June to 5<sup>th</sup> July 2020 organized by IQAC Cell, Department of Computer Science and application Government City College Hyderabad.
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in a Two Week online FDP on “Embedded UVM open source Emulation & Functional Verification” jointly organized by Electronics and ICT Academies from 13<sup>th</sup> -24<sup>th</sup> July 2020 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the

Ministry of Electronics and Information Technology (MeitY), Government of India.

- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in a National level e-quiz on “Electromagnetic Theory” from 22<sup>nd</sup> - 23<sup>rd</sup> July 2020 organized by Department of Electronics and Communication Engineering. A.A.R. Mahaveer Engineering College, Hyderabad.
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in a one week FDP on “Evolution of IoT and its Real time Application” 13<sup>th</sup>-17<sup>th</sup> July 2020 organized by CSE Dept. MLRIT.
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in a E-Quiz on “Database Management Systems” on 29<sup>th</sup> July 2020 organized by Department of Computer Science and Engineering, GATE Institute of Technology and Science, Kodad.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended a One Week FDP on “R Programming” from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020 organized by Department of Information Technology, Sri Devi Women’s Engineering College, Hyderabad in association with Spoken Tutorial IIT-Bombay.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended a Six Day Online International FDP on “Exploring Innovation in Mathematics and Statistics” organised by Department of Mathematics, from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated and successfully completed “National Level quiz on Software Engineering” on 2<sup>nd</sup> August 2020 organized by CSE department, TKREC.
- Mr.D.Karunakar Reddy, Assistant Professor (C), attended a One Week FDP on “Simulation and Modeling of Data Communication Network” organized by MGIT from 27<sup>th</sup> - 31<sup>st</sup> July 2020
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in AICTE sponsored Six Day short term training programme on “Data Analytics and Machine Learning” organized by CSE Dept, Amar Jyothi College of Engineering from 3<sup>rd</sup> - 8<sup>th</sup> August 2020.
- Mr.D.Karunakar Reddy, Assistant Professor (C), participated in the short term training programme on “Deep Learning and its Applications using Tensor Flow and Keras” organized by the Department of Computer Science and Engineering, R.M.K. Engineering College under AICTE Quality Improvement Schemes (AQIS) AICTE, New Delhi from 3<sup>rd</sup> - 8<sup>th</sup> August 2020.
- Mr.A.Shraavan Kumar, Assistant Professor (C), attended a Three Day FDP on “Digital IC Design with DFT Concepts using Mentor Graphics Tools” from 29<sup>th</sup> June to 1<sup>st</sup> July 2020 organized by department of ECE, MIST in collaboration with APPLYVOLT.

- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Digital IC Design with DFT Concepts using Mentor Graphics Tools” organized by Mahaveer Institute of Science and Technology from 29<sup>th</sup> June to 1<sup>st</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Python Programming” (funded by ICT, MHRD) organized by KL University & IIT Bombay from 15<sup>th</sup> to 18<sup>th</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Simulation and Modeling of Data Communication & Networks” organized by MGIT College of Engineering and Technology from 27<sup>th</sup> to 31<sup>st</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Modern Online Tools and Software for Remote Teaching and E-Content Development” JNTUH CEH & IQAC from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Demystifying Electric Vehicle - A Green Energy Revolution” organized by Manipal University Jaipur from 14<sup>th</sup> - 18<sup>th</sup> September 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended an FDP on “Artificial Intelligence” organized by ATAL Academy at CDAC, Kolkata from 23<sup>rd</sup> -27<sup>th</sup> November 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), completed a course on “Python Data Structures” duration of 7 weeks from 16<sup>th</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended a webinar on “NAAC Assessment and Accreditation Process” organized by UGC HRDC, JNTUH on 3<sup>rd</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended a Webinar on “Employability Post COVID Era: Expectations of Industry Vs Education System’s Preparedness” organized by Assocham on 11<sup>th</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended a Webinar on “International Webinar on Digital Image Processing Department of Digital and Cyber Forensics” organized by Government Institute of Forensic Science, Aurangabad on 12<sup>th</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended a Webinar on “Importance of Architectural Lighting increasing in Creating a Surreal Experience” organized by Assocham on 15<sup>th</sup> July 2020.
- Mr.A.Shravan Kumar, Assistant Professor (C), attended a National Webinar on "How to Handle Mathematical Lectures Using Online Technological Tools" organized by Guru Nanak Centre for Research (GNCR), Velachery, Chennai on 5<sup>th</sup> September 2020.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on 28<sup>th</sup> December 2020 on the “Main sources of Noise and Artifact removal in Biomedical signals in an IEEE SPS Summer School on IOTS for Biomedical and Health care Applications” sponsored by IEEE signal Processing Society, Hyderabad Section from 28<sup>th</sup>-31<sup>st</sup> December 2020 conducted by VNRVJIET, Hyderabad.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on “Implementation of Neural Networks” on 7<sup>th</sup> December 2020 in a Two Week AICTE sponsored online FDP on Recent trends in VLSI, Signal Processing & Optimization based on EDA tools from 7<sup>th</sup>-19<sup>th</sup> December 2020, conducted by Vaagdevi College of Engineering (Autonomous) Warangal.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on “Neural Networks for Image Processing” on 19<sup>th</sup> December 2020 in a one week AICTE Sponsored STTP Program on Recent trends and Future Applications of NNS from 14<sup>th</sup> - 19<sup>th</sup> December 2020 conducted by Jayamukhi Institute of Technology, Warangal.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on “The Art of Writing a Research Paper” on 30<sup>th</sup> August 2020 in IGEN 2020 conducted by IEEE Region 10 Student Activities Committee under IEEE Hyderabad Section.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on “Introduction to Artificial Neural Networks” on 22<sup>nd</sup> September 2020 in a semester course on Speech and Language Technologies using AI and Deep Learning from 21<sup>st</sup> September to 7<sup>th</sup> November 2020 at NERTU, Osmania University.
- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. delivered a lecture on “Back Propagation Algorithm, Various Heuristics & Virus and Limitations” on 27<sup>th</sup> December 2020 in IGEN 2020 conducted by IEEE Region 10 Student Activities Committee under IEEE Hyderabad Section.
- Dr.D.Sreenivasa Rao, Professor of ECE Dept Resource person on 24<sup>th</sup> September 2020 for AICTE Sponsored Short Term Training Program (STTP) (online mode) on “Signal Processing Techniques for Advanced Wireless Communications” from 21<sup>st</sup> -26<sup>th</sup> September 2020 organized by the Department of Electronics and Communication Engineering, Jayamukhi Institute of Technological Sciences.
- Dr.D.Sreenivasa Rao, Professor of ECE Dept, Resource person on 23<sup>rd</sup> November 2020 for AICTE Sponsored Short Term Training Program (STTP) (online mode) on “Signal Processing Techniques for Advanced Wireless Communications” from 23<sup>rd</sup> -28<sup>th</sup> November 2020 organized by the Department of

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

Electronics and Communication Engineering, Jayamukhi Institute of Technological Sciences.

- Dr.D.Sreenivasa Rao, Professor of ECE Dept, Chaired a session on 27<sup>th</sup> November 2020 for the AICTE sponsored International Conference on “Robotics design and applications using wireless sensor networks, IoT and Artificial Intelligence” organized by ECE Department of GNIT from 26<sup>th</sup>-28<sup>th</sup> November 2020.

### Journal/ Conference Papers Reviewed by the Faculty

- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. Reviewed a paper titled “ECG based Arrhythmia Detection using Deep Learning Architectures” for a Journal on Complex & Intelligent Systems (CAIS) by Springer Nature in Dec 2020.

### Details of Patents/Copyrights Filed/Awarded

- Dr.D.Sreenivasa Rao, Professor of ECE Dept. Filed a Patent Right **Title:** “Powered Exoskeleton System and Method for Rehabilitation of Foot/Lower Limb Movements” Application Number : 202021038047 Priority Date : 03.09.2020

### Other Achievements by Faculty

- Dr.K.Anitha Sheela, Professor and Head of ECE Dept. was awarded “Fellow Institute of Engineers by Institute of Engineers India (IEI)”.Telangana Section in December 2020.



### Students' Achievements

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

- B.Tech IV year (Reg) Student Manmada Shirisha (18015A0408) was selected for Free VLSI RN Course in “Maven Silicon”



B.Tech IV year Student Manmada Shirisha Selected for Free VLSI RN in “MAVEN SILICON”

### Research Papers Published

- M.Tech student Mr.Milkessa Negeri Gemechu, published an International Journal Paper titled “BER and PAPR Performance Analysis Of Mimo-Ofdm Systems using Equalizers” has been published for January 2021, Volume 11, Issue 1 Publication under ISSN 2250-3153.

### Research Papers Presented

- Dr.K.Anitha Sheela has published a paper on Optimization of Cloud Seeding Criteria Using a Suite of Ground-Based Instruments in a Lect. Notes Electrical Engg, Vol. 722, Laxminidhi T. et al. (Eds): Advances in Communications, Signal Processing, and VLSI, 978-981-33-4057-2, 487178\_1\_En, (Chapter 33) by Springer Nature in January 2021

### JNTUH CEH Library: Information about the Books/Journals/Online sources/ Unique Features/Facilities

- Around 250 students of ECE Department have registered for Online courses in Coursera Platform and they have completed around 100 courses and 100 more courses are in progress

### JNTUH CEH 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- 3
- No. of Organization offered Placements -02. Highest Salary Offered by L&T Tech with 4.4 lakhs per annum.

### Any other Achievements related to the College

- Dr.K.Anitha Sheela got sanctioned an AICTE-RPS project worth **Rs. 12, 53, 529/-** (Twelve lakhs fifty three thousand five hundred and twenty nine) titled ‘Design and implementation of sign Language Translator (SignXter) using Hierarchical Long Short Term Memory (LSTMS)’ in August 2020.

### Department of Computer Science and Engineering

#### Details of Webinars/ Conferences/Seminars/



## Workshops/FDPs Organized by the Faculty

- Dr.R.Sridevi, Professor, Conducted a FDP on “Cyber Security and Forensics” by Center of Excellence in Cyber Security JNTUH from 9<sup>th</sup> -10<sup>th</sup> July 2020.
- Dr.A.Govardhan, Professor, Conducted a FDP on “Cyber Security” in Association with TCS from 24<sup>th</sup> August to 9<sup>th</sup> September 2020.
- Dr.R.Sridevi, Professor, Conducted a FDP on “Cyber Security” in Association with TCS from 24<sup>th</sup> August 2020 to 9<sup>th</sup> September 2020.
- Dr.K.P.Supreethi, Professor, Conducted a Webinar on “Design thinking” for students as Start-Up Coordinator on 13<sup>th</sup> August 2020.
- Ms.E.Hemalatha, Assistant Professor, Conducted Hands-on training for an hour daily in virtual mode a “30 Days of Google Cloud” for students of JNTUHCEH as part of Google’s Developer’s Student club.

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

- Dr.M.Chandra Mohan, Professor attended a FDP on “IQAC Remote Teaching” from 5<sup>th</sup>-7<sup>th</sup> August 2020.
- Dr.M.Nagaratna, Professor attended a FDP on “IQAC Remote Teaching” from 5<sup>th</sup>-7<sup>th</sup> August 2020.
- Ms.K.Neeraja, Associate Professor attended a FDP on “IQAC Remote Teaching” from 5<sup>th</sup>-7<sup>th</sup> August 2020.
- Ms.I.Lakshmi Manikyamba, Associate Professor attended a FDP on “IQAC Remote Teaching” from 5<sup>th</sup>-7<sup>th</sup> August-2020.

## Invited Talks/Expert Lectures Delivered by the Faculty

- Dr.O.B.V.Ramanaiah, Professor delivered lecture on “Internet of Things” organized by JNTUH UGC ASC as part of Three Week Refresher course on 11<sup>th</sup> September 2020.
- Dr.K.P.Supreethi, Professor delivered a keynote address on “Big Data Based on IOT” organized by Sridevi Women’s Engg. College from 9<sup>th</sup>-10<sup>th</sup> October 2020.
- Dr.K.P.Supreethi, Professor delivered a lecture on “Big Data and IOT” as a Resource person for FDP organized by Sridevi Women’s Engg. College on 8<sup>th</sup> December 2020.

## Journal Papers Published by the Faculty

- Dr.K.P.Supreethi, “Full Direction Local Neighbors Pattern: A Novel method for multimedia texture image Retrieval System” in Scopus Indexed Journal, IJACSA, Vol: 11, Issue No: 12 in December 2020.

## Conference Papers Presented by Faculty Members

- Ms. E.Hemalatha, Asst. Professor Presented a paper at 4<sup>th</sup> International Conference on Smart Computing and Informatics (SCI-2020) from 9<sup>th</sup>-10<sup>th</sup> October

2020 organized by Dept of CSE, Vasavi Engineering College, Hyderabad.

## Any Other Achievements by the Faculty

- Dr.V.Kamakshi Prasad, Professor received “Best Teacher Award” from Govt. of Telangana on 5<sup>th</sup> September 2020.

## New Appointments

- Ms.E.Hemalatha, Assistant Professor, is appointed as Coordinator for Campus Radio Station, as part of this Student Coordinators of all the Departments podcasted some interviews of our faculty related to Career Guidance, Placement Activities, Future Endorsements along with JNTUH CEH Updates, News, Entertainment.
- Ms.E.Hemalatha, Assistant Professor is appointed as Coordinator for IT-Services, JNTUH CEH.

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

### Clubs and Activities

#### Coding Club -

#### Student Coordinators

- Venkata Vamsi - CSE 3<sup>rd</sup> year IDDMP (Main Coordinator)
- Prathyusha - CSE 3<sup>rd</sup> year IDDMP
- Jaya Shankar - CSE 3<sup>rd</sup> year IDDMP
- Vijit - CSE 3<sup>rd</sup> year IDDMP
- Gayatri Soumya - CSE 3<sup>rd</sup> year IDP
- Siri - CSE 3<sup>rd</sup> year IDDMP

#### Activities

- Tech Talk by Mr. Akhil “Upcoming SDE Intern at Amazon” CSE Student, JNTUHCEH describing his experiences and journey of cracking Amazon 6 months internship - conducted on 13<sup>th</sup> December 2020.

## Developer Student Clubs (DSC JNTUHCEH) - Student Coordinators

- Harshith Pvs - CSE 4<sup>th</sup> year IDP (Lead)
- Nitish Gadangi - ECE 4<sup>th</sup> year IDP
- Bharath Chandra - Mech 4<sup>th</sup> year IDP (Android Facilitator)
- Venkata Vamsi - CSE 3<sup>rd</sup> year IDDMP
- Prathyusha - CSE 3<sup>rd</sup> year IDDMP (Cloud Facilitator)
- Vinay Teja - CSE 3<sup>rd</sup> year Regular
- K. Parthadhvaj - Metallurgy 3<sup>rd</sup> year
- Roshini Maram - EEE 2<sup>nd</sup> year Regular
- K. Manognya - EEE 2<sup>nd</sup> year Regular
- Vishnu Anurag - Mech 2<sup>nd</sup> year Regular

#### Activities

- 30 Days of Google Cloud programme-to get students started with Cloud Technologies-conducted from 26<sup>th</sup> September to 5<sup>th</sup> November 2020 (40 students successfully completed course).

- Android Study Jams Session 1-to get students familiar with Kotlin language to build Android mobile apps - conducted on 13<sup>th</sup> December 2020.

### Campus Radio -

#### Student Coordinators

- Venkata Vamsi - CSE 3<sup>rd</sup> year IDDMP
- Venkatesh - EEE 3<sup>rd</sup> year Regular
- Roshini Maram - EEE 2<sup>nd</sup> year Regular

#### Activities

#### Faculty Interviews -

- Dr. Panitapu Bhramara
- Dr. Tulasi Ramdas
- Dr. Samaga Srinivasulu
- Dr. K.P.Supreethi
- Dr. Manjula Vani
- Dr. G.Vijaya Kumari
- Dr. Anitha Sheela

#### Virtual Felicitation

- Dr. A.V. Sita Rama Raju
- Dr. C. Bharatendar Rao
- Dr. M.Viswanadham

#### Trivia Royale (2 episodes)

- Environmental Day Special Show
- Toppers Talk with -
- Srikanth Reddy(EEE)
- Tech Talks with -
- Bharath Chandra (Mech)
- Nitish Gadangi (ECE)
- Sai Pranav (CSE)
- Movie Masthi (3 episodes)
- Birthday Wishes
- Tribute to the Indian Army
- Talent Hunt (3 episodes)
- Myth Busters(2 episodes)

#### Any Other Achievements by Students

- Bharath Chandra - Mech 4<sup>th</sup> year IDP - Completed Google Summer of Code Challenge 2020 (GSOC 2020)
- Nitish Gadangi - ECE 4<sup>th</sup> year IDP - Got Selected in Major League Hacking (MLH) Fellowship 2020.
- Harshith Pvs - CSE 4<sup>th</sup> year IDP - Got Selected as DSC Lead (by Google Developers) and established DSC (Developer Student Clubs) chapter in JNTUHCEH.

#### Entrepreneurship Development Activities

- Activity Name: Webinar on Design Thinking by Mr. Ravi Katukam (CEO - Innovator Engineering)
- Date of Activity: 13<sup>th</sup> August 2020
- Staff Coordinator: Dr. K.P.Supreethi
- Student Coordinator: D.Sai Krishna
- Count of Attendees: 45

## Computer Science Engineering Department Placements

Namre of Student	Roll Number	Salary in etc	Company Placed
Akhil Ganne	16011P0502	11.5 LPA	Oracle
Vemuru Kanakalatha	16011P0503	11,50,000	Oracle
Jangiti Samhitha	16011P0507	6.5 LPA	Wipro Company
Namani Soumya	16011P0510	11.5 LPA	JNTUH
Darsi Sreelekha	16011P0511	20,000/- per month	Next Education (internship)
Vangari Suchithra	16011P0514	30 k	Honeywell (internship)
P. Tejaswini	16011P0517	11.50 LPA	Oracle
P. Tejaswini	16011P0517	60 k	Amazon (internship)
Akshitha Rapala	17011A0502	4.5 LPA	Accenture
Anjana Deepthi Sree	17011A0503	11 LPA CTC	Oracle netsuite
Korra Anusha	17011A0504	4.5 LPA	Accenture
Arunkumar Tanakam	17011A0507	6.5 LPA	Wipro turbo
Charishma Puli	17011A0509	6.5 LPA	Wipro Turbo
Dheeraj Gaddam	17011A0510	6.5 LPA	L and T Infrotech
Bodanapu Kishore Reddy	17011A0514	11 LPA	Oracle netsuite
Minhaj Begum	17011A0515	7.15 LPA	Verizon India
Mohammed Nizamuddin Farhaan	17011A0516	7.15 LPA	Verizon
Mohammed Nizamuddin Farhaan	17011A0516	60 k	Amazon (internship)
Podiyam Mounika	17011A0517	4 LPA	LTTS
Podiyam Mounika	17011A0517	4.5 LPA	Accenture
Podiyam Mounika	17011A0517	8 LPA	LTI
Mukul Paras Potta	17011A0518	7.15 LPA	Verizon
Muskan Jain	17011A0519	10.4 LPA CTC + 2500 USD equity	Pega Systems
Nithish Gajula	17011A0521	25,000 per month	Honeywell
Rahul Kumar Arwini	17011A0525	10.4 LPA	Pega Systems
Kamani Ramya	17011A0526	4 LPA	L&T Technology Services
Kamani Ramya	17011A0526	4.5 LPA	Accenture

Kamani Ramya	17011A0526	3.36 LPA	TCS
Rigveda Vangipurapu	17011A0528	11 LPA CTC	Oracle
Lakireddy Sai Ashrith Reddy	17011A0529	7.15 LPA	Verizon
Lakireddy Sai Ashrith Reddy	17011A0529	60,000 per month	Amazon
Sai Pavan Dasani	17011A0530	8 LPA	LTI
Sai Teja Sreeram	17011A0531	6.5 LPA	Wipro
Sai Teja Sreeram	17011A0531	4 LPA	LTTS
Sowmyamithra	17011A0533	11 LPA	Oracle
Surya Roshan Mugada	17011A0535	11 LPA	Oracle
Saikiran Suri	17011A0536	7.6 LPA	Deloitte
Aditi Raina	17011A0538	4.0 LPA	LTTS
Aditi Raina	17011A0538	7.6 LPA	Deloitte USI
Ruhaan Rishi	17011A0542	4.5 LPA	Accenture
Ruhaan Rishi	17011A0542	6.5 LPA	LTI
Rakesh Jha	17011A0544	3.36 LPA	TCS
Ameesha Chodimella	17011A0547	7 LPA	TCS Digital
Ameesha Chodimella	17011A0547	8 LPA	LTI
Ameesha Chodimella	17011A0547	4.5LPA	Accenture
Divija Padma Kanumury	17011A0548	25,000 /per month (internship )	Honeywell (internship)
Sai Vamsi Thanneru	17011A0549	7,15,000	Verizon
Sai Vamsi Thanneru	17011A0549	20,000 per month	Next Education India Pvt Ltd (Internship)
Mohammed Murtuza Labib	17011A0550	11 LPA	Oracle
Sandeep Anagandula	18015A0502	6.5 LPA	Larsen & Toubro Infotech
Mahender Chowdary	18015A0507	7,15,000	Verizon India
Mahender Chowdary	18015A0507	25 K	Honeywell (internship)
Vennela Dharavath	18015A0508	4.5 LPA	Accenture
Laxmi Narayana Gellu	18015A0512	4.5 LPA	Accenture
Laxmi Narayana Gellu	18015A0512	4 LPA	LTTS
Chandu Kotha	18015A0515	6.5 LPA	LTI
Chandu Kotha	18015A0515	3.36 LPA	TCS NINJA
Nikhila Mateti	18015A0516	6.5LPA	LTI
Nikhila Mateti	18015A0516	4.5 LPA	Accenture
Saivamshi Namala	18015A0518	25000 per month	Honeywell (Internship)

Saivamshi Namala	18015A0518	4 LPA	LTTS
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### **Forthcoming Events**

- Webinar on 'Intro to Competitive Programming' by Mr.Arpit Agrawal (SDE Engineer at ShareChat) being organised by Coding Club on 19<sup>th</sup> December 2020)
- Webinar on "Getting Started with Machine Learning" being organised by Developer Student Clubs on 20<sup>th</sup> December 2020
- 30 Days of Web Development programme, being organised by Developer Student Clubs (DSC) from 21<sup>st</sup> December 2020 onwards - in collaboration with 25+ DSC's all over India)
- Android Study Jam Sessions (two sessions upcoming), teaching building mobile applications using Kotlin, being organised by Developer Student Club tentatively in January 2021.
- More Webinars and learning sessions under planning, in the fields of Cloud Technologies and Mobile App Development using Flutter.

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

- Dr.S.Devaki Rani, Professor attended a Three Day TTT Programme on "Modern Online Tools and Software for Remote Teaching and E-Content Development" organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Dr.S.Devaki Rani, Professor attended a Three Day workshop on "Preparing for UG Accreditation" organized by JNTUH CEH (IQAC) Under TEQIP III from 12<sup>th</sup> -14<sup>th</sup> August 2020.
- Dr.R.Sri Rama Devi, Associate Professor attended a Three Day National Webinar on "Secondary Melting and Processing Technologies" (SMPT-2020), organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
- Dr.R.Sri Rama Devi, Associate Professor attended a Three Day TTT Programme on "Modern Online Tools and Software for Remote Teaching and E - Content Development" organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Dr.R.Sri Rama Devi, Associate Professor attended an FDP on "Advances in Materials Engineering and Sustainable Manufacturing" organized by the Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala from 10<sup>th</sup> -14<sup>th</sup> August 2020.
- Dr.R.Sri Rama Devi, Associate Professor attended Three Day workshop on "Preparing for UG Accreditation" organized by JNTUH CEH (IQAC) Under TEQIP III from 12<sup>th</sup> -14<sup>th</sup> August 2020.



- Dr.R.Sri Rama Devi, Associate Professor attended an Eminent Alumni Lecture (EAL) online on ‘Knowledge based Process and Product Development for Aerospace Applications’ organized by the Department of Metallurgical and Materials Engineering, National Institute of Technology, Durgapur in association with Centre of Alumni Affairs and International Relations (CAAIR) on 31<sup>st</sup> August 2020.
- Dr.K.SrinivasaVadayar, Associate Professor attended a one week FDP on “Advanced Materials (Fabrication, Characterization and Applications)” organized by School of mechanical Engineering, Kalinga Institute of Industrial Technology (KIIT) Deemed to be University Bhubaneswar, Odisha from 20<sup>th</sup> -25<sup>th</sup> July 2020.
- Dr.K.SrinivasaVadayar, Associate Professor attended a Three Day TTT Programme on “Modern Online Tools and Software for Remote Teaching and E-Content Development” organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Dr.K.SrinivasaVadayar, Associate Professor attended a Five Day Webinar series - FDP on “Role of Education for Industry 4.0: Challenges & Opportunities” organized by Department of Electronics & Instrumentation Engineering in association with ISA from 10<sup>th</sup> -14<sup>th</sup> August 2020.
- Dr.K.SrinivasaVadayar, Associate Professor attended a Three Day workshop on “Preparing for UG Accreditation” organized by JNTUH CEH (IQAC) Under TEQIP III from 12<sup>th</sup> -14<sup>th</sup> August 2020.
- Dr.B.Ramesh Chandra, Associate Professor attended a One Day Webinar on “Latest Trends in Green Energy Technologies” organized by Department of ECE Sridevi Women’s Engineering College, Hyderabad in Association with Pantech E-Learning on 2<sup>nd</sup> July 2020.
- Dr.B.Ramesh Chandra, Associate Professor attended a Three Day National Workshop on “How to Draft Effective Scientific Publications, Patents and Patent Filing” organized by Department of Electrical and Electronics Engineering, Research and Development Cell, In Association with IET & ISTE Chapter, BIET from 2<sup>nd</sup> -4<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a One Day Webinar on “Impact of Covid -19 on the future of Higher Education-Challenges & Opportunities” organized by Lead India Foundation on 4<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a One Day National Level Webinar on “Preparation of NET/SET Examination” organized by Department of Chemistry, Internal Quality Assurance Cell, Rajarshi Chhatrapati Shahu College, Kolhapur (Maharashtra) on 6<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a Two Day International Virtual Conference on “Modern Instrumental and Characterization Techniques in Applied Science-2020 (MICTAS-2020)” organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P. G. College, Khatima, Uttarakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. P. G. College, Kashipur, Uttarakhand, India from 5<sup>th</sup> -6<sup>th</sup> July 2020 at e – platform.
- Ms.P.Pavani, Assistant Professor (C), attended a Six Day FDP on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” organized by Department of Automobile Engineering, Hindusthan College of Engineering and Technology Coimbatore from 6<sup>th</sup> -11<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a Two Week FDP on "Advanced Concepts for Developing MOOCS" organized by Teaching Learning Centre, Ramanujan College University of Delhi from 2<sup>nd</sup> -17<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a One Week FDP on “Lost Foam Castings (LFC – 2020)” organized by Department of Mechanical Engineering, Sree Chaitanya College of Engineering, Karimnagar from 20<sup>th</sup> -25<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a Three Day National Webinar on “Secondary Melting and Processing Technologies (SMPT-2020)” organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a one week FDP on “Recent Trends in Manufacturing” organized by Department of Mechanical Engineering (Mechatronics), MGIT, Hyderabad from 28<sup>th</sup> July 2020 to 1<sup>st</sup> August 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a AICTE sponsored Six Day Virtual Short Term Training Programme (STTP) on “Energy Storage Characteristics, Surface Treatment, Durability, Sustainability and Micro Structural Evaluation of Smart and Phase Change Materials and its Applications” organized by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology, West Tambaram, Chennai from 27<sup>th</sup> July 2020 to 1<sup>st</sup> August 2020 (Phase-I).
- Ms.P.Pavani, Assistant Professor (C), attended a one week FDP on “Nanoscience and Nanotechnology-Current Perspectives” organized by Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with the Institution of Engineers (India), Nagpur Local Centre from 27<sup>th</sup> July 2020 to 1<sup>st</sup> August 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a Three Day TTT Programme on “Modern Online

- Tools and Software for Remote Teaching and E-Content Development” organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Ms.P.Pavani, Assistant Professor (C), attended a Seven Day FDP on “The Role of a Teacher in Nation Building” organized by Department of English, Department of Commerce, and IQAC in collaboration with ICSSR-SRC (Keshav Memorial Institute of Commerce and Sciences) from 3<sup>rd</sup>-9<sup>th</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a one week FDP on “Functional Materials: Processing and Applications” (FMPA 2020) organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 3<sup>rd</sup> -8<sup>th</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a five day online FDP on “Advances in Materials Engineering and Sustainable Manufacturing” organized by Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala from 10<sup>th</sup> -14<sup>th</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a one week AICTE sponsored STTP on “Nanotechnology and Functional Materials (NTFM-Phase-II)” organized by Department of Mechanical Engineering, S V College of Engineering, Tirupati, A. P. from 17<sup>th</sup> -22<sup>nd</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a Six Day AICTE Sponsored Online Short Term Training Programme (STTP) on “Smart Manufacturing-Opportunities and Challenges” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering, St. Joseph’s Group of Institutions OMR, Chennai from 17<sup>th</sup>-22<sup>nd</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a Three Day Online workshop on “Preparing for UG Program Accreditation (under TEQIP III, JNTUH CEH)” organized by IQAC, JNTUH College of Engineering Hyderabad from 12<sup>th</sup> -14<sup>th</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a Six Day AICTE AQIS Sponsored Short Term Training Program on “Advances in Additive Manufacturing” organized by Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC at Yeshwantrao Chavan College of Engineering, Nagpur from 24<sup>th</sup> -29<sup>th</sup> August 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a Five Day Webinar series on “Researches in Surface Engineering for Reliable Tribology” organized by Department of Mechanical Engineering, GIMT Guwahati, sponsored by the collaborative research scheme of Assam Science and Technology University (ASTU), under TEQIP III from 1<sup>st</sup> -5<sup>th</sup> September 2020.
  - Ms.P.Pavani, Assistant Professor (C), attended a Six Day AICTE AQIS Sponsored Short Term Training Program on “Advances in Additive Manufacturing” organized by Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC at Yeshwantrao Chavan College of Engineering, Nagpur from 21<sup>st</sup> -26<sup>th</sup> September 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a One Day Webinar on “Assessment of Phase Changing Materials for Thermal Management of Buildings” organized by National Productivity Council on 10<sup>th</sup> July 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a one week online FDP on “Advanced Materials (Fabrication, Characterization and Applications)” organized by School of Mechanical Engineering, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha from 20<sup>th</sup> -25<sup>th</sup> July 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a Three Day National Webinar on “Secondary Melting and Processing Technologies (SMPT-2020)” organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a Two Day International virtual conference on “Modern Instrumental and Characterization Techniques in Applied Sciences-2020 (MICTAS-2020)” organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P. G. College, Khatima, Uttarakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. P. G. College, Kashipur, Uttarakhand, India from 5<sup>th</sup> -6<sup>th</sup> July 2020 at e-platform.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a one week FDP on “Nanoscience and Nanotechnology - Current Perspectives” organized by Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with the 12 Institution of Engineers (India), Nagpur Local Centre from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a Five Day FDP on “The Role of Materials Science in Engineering: Applications Perspective” organized by Department of Physics and Chemistry, MGIT, Hyderabad from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
  - Ms.K.Tejaswi, Assistant Professor (C), attended a one week online FDP on “Functional Materials: Processing and Applications (FMPA 2020)” organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in

- association with the Indian Institute of Metals (Hyderabad Chapter) from 3<sup>rd</sup>-8<sup>th</sup> August 2020.
- Ms.B.Sindhu, Assistant Professor (C), attended a Six Day Online FDP on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” organized by Department of Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore from 6<sup>th</sup> - 11<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a one day Online Quiz on “Material Science” organized by Department of Mechanical Engineering, PESITM, Shivamogga on 13<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Three Day on International online FDP on “Advanced Automation in Metal Industry” organized by Department of Mechanical Engineering, Raghu Engineering College, Dakamarri (Post), Bheemunipatnam (Mandal), Visakhapatnam from 20<sup>th</sup> -22<sup>nd</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Two Day Online Workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” organized by Department of CSE, MGIT, Hyderabad from 15<sup>th</sup> -16<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Ten Day “Teachers Training on Online Teaching Tools (Apps & Software)” organized by Wellness Gurukul Academy Pvt. Ltd, Katwaria Sarai, F-35, New Delhi from 10<sup>th</sup> -19<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a One Day “online quiz competition based on life of Gandhi” organized by NSS units of TKM college of Engineering, under the auspices of NSS cell of APJ Abdul Kalam Technological University in connection with 150<sup>th</sup> Birth Anniversary celebration of Mahatma Gandhi on 13<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Three Day National Webinar on “Secondary Melting and Processing Technologies (SMPT-2020)” organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a One Day Online workshop on “SWAYAM – NPTEL” organized by Jointly organized NPTEL IIT Madras, Visvesvaraya Technological University (VTU), Belagavi and Bheemanna Khandre Institute of Technology, Bhalki on 28<sup>th</sup> July 2020
  - Ms.B.Sindhu, Assistant Professor (C), attended a One Day Webinar on “3D Printing Design and it’s Application” organized by Department of Mechanical Engineering in association with 3Dexter Education Pvt. Ltd. New Delhi on 29<sup>th</sup> July 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Six Day FDP on “Nanoscience and Nanotechnology - Current Perspectives” organized by Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with The Institution of Engineers (India), Nagpur Local Centre from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a One Week FDP on “Functional Materials: Processing and Applications” (FMFA 2020) organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 3<sup>rd</sup> -8<sup>th</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Three Day TTT Programme on “Modern Online Tools and Software for Remote Teaching and E-Content Development” organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a One Day International Webinar on “Quantum Materials and Nano particles for Advanced Application” organized by Department of Physics (SF), Kamaraj College, Thoothukudi, Tamil Nadu on 6<sup>th</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Seven Day National level e-FDP & Expert’s Class on “New Narrative of Naac” organized by RR Institute of Advanced Studies, Raja Reddy Layout, Chikkabanavara, Bangalore from 1<sup>st</sup>-7<sup>th</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a five day online FDP on “Advances in Materials Engineering and Sustainable Manufacturing” organized by Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala from 10<sup>th</sup> - 14<sup>th</sup> August 2020.
  - Ms.B.Sindhu, Assistant Professor (C), attended a Six Day AICTE Sponsored Online Short Term Training Programme (STTP) on “Smart Manufacturing – Opportunities and Challenges” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering, St. Joseph’s Group of Institutions OMR, Chennai from 17<sup>th</sup> -22<sup>nd</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a Two Day International Virtual Conference on “Modern Instrumental and Characterization Techniques in Applied Science-2020 (MICTAS-2020)” organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P. G. College, Khatima, Uttarakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. P. G. College, Kashipur, Uttarakhand, India from 5<sup>th</sup> -6<sup>th</sup> July 2020 at e – platform.



- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Six Day FDP on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” organized by Department of Mechanical Engineering, PESITM, Shivamogga from 6<sup>th</sup> -11<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day Quiz on “Material Science” organized by Department of Mechanical Engineering, PESITM, Shivamogga on 10<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Ten Day “Teachers Training on Online Teaching Tools (Apps & Software)” organized by Wellness Gurukul Academy Pvt. Ltd, Katwaria Sarai, F-35, New Delhi from 10<sup>th</sup> -19<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day Webinar on “ERP Products & its Applications” organized by Department of Mechanical Engineering, JSSATE, Bengaluru on 14<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Five Day FDP on “Applications of Thermodynamics” organized by Department of Mechanical Engineering, PESITM, Shivamogga from 13<sup>th</sup> -17<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Three Day on International online FDP on “Advanced Automation in Metal Industry” organized by Department of Mechanical Engineering, Raghu Engineering College, Dakamarri (Post), Bheemunipatnam (Mandal), Visakhapatnam from 20<sup>th</sup> -22<sup>nd</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day National Level Webinar on “Recent Trends in BioDiesel Production & Utilization” organized by Department of Mechanical Engineering, SJM Institute of Technology, Chitradurga, Karnataka on 20<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day Webinar on “Industrial Applications of CAD / CAE / CAM” organized by Department of Mechanical Engineering, PESITM, Shivamogga on 20<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Three Day National Webinar on “Secondary Melting and Processing Technologies (SMPT-2020)” organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day National Webinar on “Opportunities and Challenges in Friction Stir Welding and Processing of Nickel Based Superalloys” organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the IIM (Hyderabad Chapter) on 1<sup>st</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Three Day TTT Programme on “Modern Online Tools and Software for Remote Teaching and E-Content Development” organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Week Online FDP on “Functional Materials: Processing and Applications” (FMPA 2020) organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 3<sup>rd</sup> -8<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day TEQIP III sponsored National webinar on “Innovations in Product Design and Sustainable Manufacturing- IPDSM 2020” organized by Department of Mechanical Engineering, Government College of Engineering, Kalahandi, Bhawanipatna, Odisha on 5<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day National Webinar on “NAAC Revised Accreditation Guidelines & Role of IQAC in Post COVID – 19 Era” organized by Internal Quality Assurance Cell (IQAC), St. Vincent Pallotti College of Engineering & Technology, Nagpur in association with National Assessment & Accreditation Council (NAAC), Bangalore on 6<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Week FDP on “Nanoscience and Nanotechnology - Current Perspectives” organized by Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with The Institution of Engineers (India), Nagpur Local Centre from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a Five Day FDP on “The Role of Materials Science in Engineering: Applications Perspective” organized by Department of Physics and Chemistry, MGIT, Hyderabad from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Week National Online FDP on “Advanced Welding Technologies” organized by Department of Mechanical Engineering, Faculty of Engineering & Technology, JAIN (Deemed-to-be) University, Bangalore from 4<sup>th</sup> -8<sup>th</sup> August 2020.
- Mr. Mohd. Zahed Shareef, Assistant Professor (C), attended a One Day National Webinar on “National Education Policy, Autonomy Status: Challenges & Opportunities” organized by IQAC & Department of Political Science Initiative, SKE Society’s Rani

- Parvati Devi College of Arts & Commerce, Belagavi, Karnataka on 8<sup>th</sup> August 2020.
- Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a One Week National online FDP on “Advanced Welding Technologies” organized by Department of Mechanical Engineering, Faculty of Engineering & Technology, JAIN (Deemed-to-be) University, Bangalore from 4<sup>th</sup> -8<sup>th</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a Seven Day National FDP on “Research Methodology” organized by Indian Teacher Education Community (at Telegram) and Aravali College of Advanced Studies in Education from 5<sup>th</sup> -11<sup>th</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a five day online FDP on “Advances in Materials Engineering and Sustainable Manufacturing” organized by Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala from 10<sup>th</sup> -14<sup>th</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a Six Day AICTE Sponsored Online Short Term Training Programme (STTP) on “Smart Manufacturing-Opportunities and Challenges” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering, St. Joseph’s Group of Institutions OMR, Chennai from 17<sup>th</sup> -22<sup>nd</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a One Day International Webinar on “Material Science and Importance of Developing Composite Materials” organized by Department of Science and Humanities, Sreenivasa Institute of Technology and Management Studies, Chittoor, AP on 21<sup>st</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended an AICTE Sponsored National Level Five Day Virtual Short Term Training Program (STTP) on “INDUSTRY 4.0” organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore from 24<sup>th</sup> -28<sup>th</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended an AICTE AQIS Sponsored Short Term Training Program on “Advances in Additive Manufacturing” organized by Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC at Yeshwantrao Chavan College of Engineering, Nagpur from 24<sup>th</sup> -29<sup>th</sup> August 2020.
  - Mr.Mohd.Zahed Shareef, Assistant Professor (C), attended a Webinar Series on “Researches in Surface Engineering for Reliable Tribology” organized by Department of Mechanical Engineering, GITM Guwahati, sponsored by the collaborative research Scheme of Assam Science and Technology University (ASTU), under TEQIP-III from 1<sup>st</sup>-5<sup>th</sup> September 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day the webinar on “Role of Monitoring, Sampling and Analysis in Wastewater Treatment Cost Reduction and Sustainability of CETP / ETP” organized by National Productivity Council on 3<sup>rd</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Two Day International Virtual Conference on “Modern Instrumental and Characterization Techniques in Applied Science-2020 (MICTAS – 2020)” organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P. G. College, Khatima, Uttarakhand in collaboration with USERC DST Dehradun & Department of Chemistry, R.H. Govt. P. G. College, Kashipur, Uttarakhand, India from 5<sup>th</sup> -6<sup>th</sup> July 2020 at e - platform.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day webinar on “Journey of Entrepreneurship” organized by Department of Mechanical Engineering (NBA Accredited) in association with ISNT, Bengaluru chapter, Sri Venkateshwara College of Engineering, Bangalore on 9<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day webinar on “Convective Heat Transfer through Extended Surface” organized by Department of Mechanical Engineering, VVCE, Mysuru on 10<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Six Day online FDP on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” organized by Department of Automobile Engineering from 6<sup>th</sup> -11<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Two Day workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” organized by Department of CSE, MGIT, Hyderabad from 15<sup>th</sup> -16<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Five Day National Level FDP on “Finite Element Analysis Practice and MATLAB” organized by Department of Mechanical Engineering, Tontadarya College of Engineering, Mundaragi Road, Gadag, Karnataka from 13<sup>th</sup> -17<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day Webinar on “Transition from Conventional to New Refrigerants” organized by Department of Mechanical Engineering, JSSATE, Bangalore on 13<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day Webinar on “Vehicle Aerodynamics” organized by Department of Mechanical Engineering, JSSATE, Bangalore on 13<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day Webinar on “ERP Products & its

- Applications” organized by Department of Mechanical Engineering, JSSATE, Bangalore on 14<sup>th</sup> July 2020.
- Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day Webinar on “CNC Machining & Programming” organized by Department of Mechanical Engineering, JSSATE, Bangalore on 15<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day National Webinar on “Virtual Teaching Learning Opportunities and Challenges” organized by KIIT College of Education, Gurugram on 15<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Five Day FDP on “Applications of Thermodynamics” organized by Department of Mechanical Engineering, PESITM, Shivamogga from 13<sup>th</sup> -17<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Ten Day “Teachers Training on Online Teaching Tools (Apps & Software)” organized by Wellness Gurukul Academy Pvt. Ltd, Katwaria Sarai, F-35, New Delhi from 10<sup>th</sup> -19<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Day Webinar on “Smart Materials: A Brief Introduction and its Future Scope” organized by Department of Mechanical Engineering, University Visvesvaraya College of Engineering, Bangalore on 20<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Three Day International online FDP on “Advanced Automation in Metal Industry” organized by Department of Mechanical Engineering, Raghu Engineering College, Dakamarri (Post), Bheemunipatnam (Mandal), Visakhapatnam from 20<sup>th</sup> -22<sup>nd</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Week FDP on “Advanced Materials (Fabrication, Characterization and Applications)” organized by School of Mechanical Engineering, Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, Odisha from 20<sup>th</sup> -25<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Three Day National Webinar on “Secondary Melting and Processing Technologies (SMPT-2020)” organized by the Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 23<sup>rd</sup> -25<sup>th</sup> July 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Six Day FDP on “Nanoscience and Nanotechnology - Current Perspectives” organized by Department of Physics & Department of Mechanical Engineering, G. H. Rasoni College of Engineering, Nagpur in association with The Institution of Engineers (India), Nagpur Local Centre from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Five Day FDP on “The Role of Materials Science in Engineering: Applications Perspective” organized by Department of Physics and Chemistry, MGIT, Hyderabad from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Week FDP on “Industry 4.0 and Additive manufacturing” organized by Department of Mechanical Engineering, JNNCE, Shivamogga from 3<sup>rd</sup>-7<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Week FDP on “Functional Materials: Processing and Applications” (FMPA 2020) organized by Department of Metallurgical and Materials Engineering, MGIT, Hyderabad in association with the Indian Institute of Metals (Hyderabad Chapter) from 3<sup>rd</sup> -8<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Three Day TTT Programme on “Modern Online Tools and Software for Remote Teaching and E-Content Development” organized by JNTUH CEH (IQAC) Under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Five Day online FDP on “Advances in Materials Engineering and Sustainable Manufacturing” organized by Department of Mechanical Engineering, Federal Institute of Science and Technology (FISAT), Angamaly, Kerala from 10<sup>th</sup> -14<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Three Day Online workshop on “Preparing for UG Program Accreditation (under TEQIP III, JNTUH CEH)” organized by IQAC, JNTUH College of Engineering Hyderabad from 12<sup>th</sup>-14<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a Six Day an AICTE Sponsored Short Term Training Programme (STTP) on “Smart Manufacturing – Opportunities and Challenges” organized by Department of Mechanical Engineering, St. Joseph’s College of Engineering, St. Joseph’s Group of Institutions OMR, Chennai from 17<sup>th</sup> -22<sup>nd</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended a One Week FDP on “Nano Hybrid Composite Materials Characterization & Applications” organized by Department of Mechanical Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad from 24<sup>th</sup> -28<sup>th</sup> August 2020.
  - Ms.Ch.Hareesha, Assistant Professor (C), attended an AICTE AQIS Sponsored Short Term Training Program on “Advances in Additive Manufacturing” organized by Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC



at Yeshwantrao Chavan College of Engineering, Nagpur from 24<sup>th</sup> -29<sup>th</sup> August 2020.

- Ms.Ch.Hareesha, Assistant Professor (C), attended an TEQIP II Sponsored one week Live Webinar on “Advances in Materials Processing and Characterization” organized by Department of Metallurgical and Materials Engineering, IGIT Sarang from 28<sup>th</sup> August to 1<sup>st</sup> September 2020.

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

- Orientation Programme conducted through online on 2<sup>nd</sup> December 2020 for Ist B.Tech. Metallurgical Engineering students for 2020-21 admitted batch.
- Orientation Programme conducted through online on 14<sup>th</sup> December 2020 for M.Tech. (PTPG) (Industrial Metallurgy), I year I-semester, students for 2020-21 admitted batch.

### **Forthcoming Events**

- The department will conduct webinars/expert lectures for the students under TEQIP-III.
- If situations become normal the students will be exposed to industrial visits.

### **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 International Webinar on “Impact of covid-19 on the future of Higher Education-Challenges and Opportunities” organized by Lead India Foundation on 4<sup>th</sup> July 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Two Day FDP on “NBA-OBE: Attainment of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs)” organized by Sri Venkateswara College of Engineering & Technology from 4<sup>th</sup> -5<sup>th</sup> July 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a One Day IChE Regional Centre Dhanbad &ACS International Student Chapter Online Webinar Series on “COVID-19 and its Socio-Economic Impact” organized by Dept. of Chemical Engg. Indian Institute of Technology, Dhanbad, Jharkhand on 6<sup>th</sup> July 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a One Day Online course on “Introduction to Mass Transfer Operations” organized by Udemy on 17<sup>th</sup> July 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Six Day Online Short Term Training program- I on “Sustainable Design of Chemical Process Plants by Using ASPEN PLUS and ASPEN HYSYS Simulating Tools” organized by Vellore Institute of Technology (VIT), Vellore, Tamil Nadu from 2<sup>nd</sup> -7<sup>th</sup> August 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Three day National program on “Modern online

Tools & Software for Remote Teaching & E-content Development” organized by JNTUH & IQAC under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.

- Mr.Dipankar Das, Assistant Professor (C), attended a Six Day Online Short Term Training program- Ion “Sustainable Design of Chemical Process Plants by using ASPEN PLUS and ASPEN HYSYS Simulating Tools” organized by Vellore Institute of Technology (VIT), Vellore, Tamil Nadu from 9<sup>th</sup> - 14<sup>th</sup> August 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Three Day National workshop on “Preparing for UG program accreditation” organized by JNTUH & IQAC under TEQIP III from 12<sup>th</sup> -14<sup>th</sup> August 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a AICTE Sponsored STTP-I on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D) from 24<sup>th</sup> -29<sup>th</sup> August 2020
- Mr.Dipankar Das, Assistant Professor (C), attended a One Day International webinar on “Advance Materials in Science and Technology-2020” organized by Chemical Engineering Department, School of Engineering, Institute of Technology, Nirma University, INDIA on 11<sup>th</sup> September 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a One Week short term course on “Innovative and Responsible Research Practices’ (IRRP-2020)” organized by Sant Longowal Institute of Engineering and Technology (SLIET) from 15<sup>th</sup> -20<sup>th</sup> September 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Six Day short term Training program-III on “Sustainable Design of Chemical Process Plants by Using ASPEN PLUS and ASPEN HYSYS Simulating Tools” organized by Vellore Institute of Technology (VIT), Vellore, Tamil Nadu from 21<sup>st</sup> - 26<sup>th</sup> September 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Short Term Training program - II on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D) from 5<sup>th</sup> -10<sup>th</sup> October 2020
- Mr.Dipankar Das, Assistant Professor (C), attended a One Day National webinar on “Recent Practices in Environmental Engineering (RPEE-2020)” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D) on 18<sup>th</sup> October 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Three Day FDP on “Environmental Pollution - Sustainable Technologies for its Control (EP-STC)” organized by Chemistry Division of Department of

- Basic Sciences and Humanities, GMR Institute of Technology, Rajam from 19<sup>th</sup> -21<sup>st</sup> October 2020.
- Mr.Dipankar Das, Assistant Professor (C), attended a Five Day FDP on “Advanced Materials and Surface Properties)” organized by Department of Chemical Engineering of GMR Institute of Technology, Rajam from 26<sup>th</sup> -30<sup>th</sup> October 2020.
  - Mr.Dipankar Das, Assistant Professor (C), attended a One Day National webinar on “Recent Advances in Biomass Valorisation” Punjab Engineering College (PEC) (Deemed to be University), Chandigarh on 16<sup>th</sup> November 2020.
  - Mr.Dipankar Das, Assistant Professor (C), attended an AICTE Sponsored STTP-III on “Industrial Pollution & Control Strategies” organized by Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D) from 23<sup>rd</sup>-28<sup>th</sup> November 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Impact of covid-19 on the future of Higher Education-Challenges and Opportunities” organized by Lead India Foundation, on 4<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Effective online Teaching Tools for School and College Teachers” organized by Shree WaranaVibhag Shikshak Mandal, on 13<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Gender Bias, Stereotyping, Gender Equality and Women’s Right” organized by NIT Nagaland, TEQIP III on 15<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Entrepreneurial Opportunities in Food Processing Sector” organized by Dept. of Food Engineering, NIFTEM on 15<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Two Day workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” organized by MGIT from 15<sup>th</sup>-16<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Research Methodology” organized by Loyola College, Chennai on 17<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Workshop on “Engineering Interventions to Combat Covid- 19 Pandemic” organized by JNTUA, under TEQIP- III on 18<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Ten Day National Teacher training on “Teachers Training on Online Teaching Tools” organized by Wellness Gurukul Academy Pvt. Ltd., New Delhi from 10<sup>th</sup> -19<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Research ethics, Copyright and plagiarism” organized by Mizoram University on 20<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Gas Dispersion measurements in a column floatation using electrical resistance tomography Innovations in chemical Engg. To combat COVID-19” organized by Department of Chemical Engineering, OU on 23<sup>rd</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Foundation of ODE with a case study” organized by Department of Mathematics and IQAC City College on 24<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “Positive thinking: A new look at happiness” organized by ASBM University on 24<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a One Day National Webinar on “How to write a good research paper” organized by Kalasalingam Academy of Research and Education on 27<sup>th</sup> July 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a FDP on “Next Generation of Chemical Manufacturing & Waste Management” organized by Dept. of Chemical Engg., Institute of Engineering & Technology (IET) Lucknow from 29<sup>th</sup> July to 2<sup>nd</sup> August 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Two Day National Webinar on “Demonstration of online education tools” organized by Adikavi Nannaya University from 3<sup>rd</sup> -4<sup>th</sup> August 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Three Day National program on “Modern online tools & software for remote teaching & E-content development” organized by JNTUH & IQAC under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Three Day National workshop on “Preparing for UG program accreditation” organized by JNTUH & IQAC under TEQIP-III from 12<sup>th</sup>-14<sup>th</sup> August 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Six Day National development programme on “Intellectual property rights and effective patent drafting” organized by Dept. of Biomedical Engineering, school of Bio & Chemical Engineering Sathayabama Institute of Science and Technology from 23<sup>rd</sup> -28<sup>th</sup> November 2020.
  - Dr.Ch. Ramesh, Assistant Professor (C), attended a One Day International Webinar on “Impact of covid-19 on the future of Higher Education-Challenges and

- Opportunities” organized by Lead India Foundation on 4<sup>th</sup> July 2020.
- Dr.Ch. Ramesh, Assistant Professor (C), attended a One Day national Webinar on “Basic Principles and Applications of Cooling Towers in Process Industries” organized by BVRIT, Narsapur on 5<sup>th</sup> July 2020.
  - Dr.Ch. Ramesh, Assistant Professor (C), attended a One Day National Webinar on “Intellectual Property Rights (IPR) Scope and Process of Filing” organized by BVRIT, Narsapur on 14<sup>th</sup> July 2020.
  - Dr.Ch. Ramesh, Assistant Professor (C), attended a One Day National Webinar on “Selection of Dryers in Process industries and Trouble shooting” organized by BVRIT, Narsapur on 23<sup>rd</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Impact of Covid-19 on the future of Higher Education-Challenges and Opportunities” organized by Lead India Foundation on 04<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Effective online teaching tools for school and college teachers” organized by Shree Warana Vibhag Shikshan Mandal, Warananagar on 13<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Gender Bias, Stereotyping, Gender Equality and Women’s Right” organized by NIT Nagaland, TEQIP-III on 15<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Two Day workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” organized by Mahatma Gandhi Institute of Technology from 15<sup>th</sup> -16<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Research Methodology” organized by Loyola College, Chennai on 17<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Workshop on “Engineering Interventions to Combat Covid- 19 Pandemic” organized by JNTUA on 18<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Ten Day Teacher Training Program on “Teaching Tools (Apps & Software)” organized by Wellness Gurukul Academy Pvt. Ltd., New Delhi from 10<sup>th</sup> -19<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Innovations in chemical engineering to combat covid-19 & Gas dispersion measurements in a column flotation using electrical resistance tomography” organized by Osmania university college of Technology (OUCT) on 23<sup>rd</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “Foundation of ODE with a case study” organized by Department of Mathematics and IQAC City College, Kolkata on 24<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day International Webinar on “Positive Thinking: A New Look at Happiness” organized by ASBM University, Bhubaneswar on 24<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a One Day National Webinar on “How to write a good research paper” organized by Kalasalingam Academy of Research and Education on 27<sup>th</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Two Day National Webinar on “NAAC Assessment and Accreditation Process” organized by St. Xavier’s College, Kolkata from 30<sup>th</sup> -31<sup>st</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a FDP on “Next Generation of Chemical Manufacturing & Waste Management” organized by Dept. of Chemical Engg., Institute of Engineering & Technology (IET) Lucknow from 29<sup>th</sup> July to 2<sup>nd</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Two Day National Webinar on “Demonstration of online education tools” organized by Adikavi Nannaya University from 3<sup>rd</sup> -4<sup>th</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Three Day National program on “Modern online tools & software for remote teaching & E-content development” organized by JNTUH & IQAC under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Five Day National workshop on “Theoretical methods in applied Chemical Engineering” organized by Dept. of Chemical Engineering, RIT, Bangalore from 10<sup>th</sup> -14<sup>th</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Three Day National workshop on “Preparing for UG program accreditation” organized by JNTUH & IQAC under TEQIP III from 12<sup>th</sup> -14<sup>th</sup> August 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Six Day National development program on “Intellectual property rights and effective patent drafting” organized by Dept. of Biomedical Engineering, School of Bio & Chemical Engineering Sathayabama Institute of Science and Technology from 23<sup>rd</sup> -28<sup>th</sup> November 2020.
  - Ms.N.Vandana, Assistant Professor (C), attended a Five Day FDP on “Recent Innovations in Chemical Engineering (RICE)” organized by Khadre Institute Technology (BKIT), Bhalki, Bidar, Karnataka from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.
  - Ms.P.Sowmya, Assistant Professor (C), attended a Five Day FDP on “Recent Innovations in Chemical

Engineering (RICE)” organized by Khadre Institute Technology (BKIT), Bhalki, Bidar, Karnataka from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.

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

- Orientation Programme conducted through online on 2<sup>nd</sup> December 2020 for Ist B.Tech. Chemical Engineering students for 2020-21 admitted batch.



Orientation Programme conducted on 2<sup>nd</sup> December 2020.



Orientation Programme conducted on 2<sup>nd</sup> December 2020.

### Chemical Engineering Department: Students' Achievements

- P.Shasi Vamsi Krishna, IV B.Tech. (Roll No.15011A0841) has received the admission to M. S. in prestigious University of Bologna, Italy, in Chemical and Process Engineering (Sustainable technologies and biotechnologies of energy and materials).

### Forthcoming Events

- The department will conduct webinars/expert lectures for the students under TEQIP III.
- If situations become normal the students will be exposed to industrial visits.

### Department of Mathematics

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

- Prof.M.A.Srinivas, attended National Conference, 29<sup>th</sup> Congress of Andhra Pradesh, Telangana Society for Mathematical Sciences, Conference on “Mathematics and its applications” from 3<sup>rd</sup>-5<sup>th</sup> December 2020 organized Mahathma Gandhi University, Nalgonda Telangana.

- Dr.B.Shankar Goud, Assisat professor (C), attended a Five Day Webinar on “Applications of Mathematics in Science and Engineering” from 7<sup>th</sup>-11<sup>th</sup> July 2020 organized by Vishnu Institute of Technology Bhimavaram A.P.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Seven Day Webinar on “Recent Advance in Mathematics & Statistics” from 3<sup>rd</sup> -8<sup>th</sup> August 2020, organized by Gitam University Department of Mathematics, Vishakhapatnam, A. P.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Four Day Webinar on “An Introductory Course on Fluid Dynamics” from 17<sup>th</sup>-20<sup>th</sup> August 2020 organized by Department of Mathematics, CHRIST (Deemed to be University), Bangalore Karnataka.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Four Day Webinar on “Application of Mathematics in Engineering (Series-IV)” from 25<sup>th</sup>-28<sup>th</sup> August 2020 organized b y KPR Institute of Engineering and Technology, Coimbatore Tamilnadu.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Seven Day Webinar on “Relevance of Mathematics to Core Engineering Sciences” from 12<sup>th</sup>-16<sup>th</sup> October 2020 organized by MGIT, Hyderabad Telangana.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Six Day workshop on “Science Academies” Lecture workshop on Linear Transformations, Matrices and their Applications-2020 from 2<sup>nd</sup> -7<sup>th</sup> November 2020 organized by SVU, Department of Mathematics, Tirupathi.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Five Day Webinar on “Applications of Mathematics and Statistics in Engineering (AMSE-2020) from 23<sup>rd</sup> -27<sup>th</sup> November 2020 organized by Malla Reddy Engineering College (Autonomous) Hyderabad Telangana.
- Dr.B.Shankar Goud, Assisat professor (C), attended a Three Day Webinar on “Modern online tools and software for Remote Teaching and e-Content Development” from 4<sup>th</sup>-6<sup>th</sup> August 2020 organized by JNTUH College of Engineering Hyderabad Telangana.
- Mr.P.Megaraju, Assisat professor (C), attended a One Day National Webinar on “Numerical and Scientific Computing” on 1<sup>st</sup> July 2020 organized by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University Jaipur.
- Mr.P.Megaraju, Assisat professor (C), attended a Two Day FDP on “Applications of Mathematics in Engineering” from 3<sup>rd</sup>- 4<sup>th</sup> July 2020 organized by Department of Mathematics & Humanities, MGIT, Hyderabad, T. S.
- Mr.P.Megaraju, Assisat professor (C), attended a One Day National Level Webinar on “Exploration of Physical Science and Engineering with Mathematica”



- on 6<sup>th</sup> July 2020 organized by Department of Basic Sciences and Humanities, Gayatri Vidya Parishad College for Degree and PG Courses.
- Mr.P.Megaraju, Assisant professor (C), attended a Two Day Nation Webinar on “Applications of Mathematics for Engineers” from 4<sup>th</sup> -5<sup>th</sup> July 2020 organized by Department of Science and Humanities, Bharat Institute of Engineering and Technology, Hyderabad Telangana.
  - Mr.P.Megaraju, Assisant professor (C), attended a One Week International Online FDP on “Applications of Mathematics in Science & Engineering” from 7<sup>th</sup> -11<sup>th</sup> July 2020 organized by Department of Basic Science (Mathematics), Vishnu Institute of Technology, Bhimavaram, W. G. District, A. P. JNTUK.
  - Mr.P.Megaraju, Assisant professor (C), attended a Two Day FDP on “Algebra and Analysis” from 16<sup>th</sup>-17<sup>th</sup> July 2020 organized by Department of Mathematics CA, Vellalar College for Women (Autonomous), Erode Tamilnadu.
  - Mr.P.Megaraju, Assisant professor (C), attended a One Week FDP on “Research Methodology” from 13<sup>th</sup>-17<sup>th</sup> July 2020 organized by Balaji Institute of Management Sciences. (Affiliated to JNTUH, Approved by AICTE, New Delhi) Narsampet, Warangal, Telangana.
  - Mr.P.Megaraju, Assisant professor (C), attended a One Day Webinar on “ICT and Web 2.0 Tools as Necessity of 21<sup>st</sup> Century Literacies for Online Learning and Teaching Strategies during and after COVID-19” on 23<sup>rd</sup> July 2020 organized by Department of Basic Sciences & Humanities, Vignan's Institute of Management & Technology for Women, Hyderabad. Affiliated to JNTUH Telangana.
  - Mr.P.Megaraju, Assisant professor (C), attended a Six Day FDP on “Applications of Mathematics in Engineering” fom 20<sup>th</sup> -25<sup>th</sup> July 2020 organized by Department of Mathematics, KPR Institute of Engineering and Technology (Autonomous) Avinashi Road, Arasur, Coimbatore Tamilnadu.
  - Mr.P.Megaraju, Assisant professor (C), attended a Three Day Short Term Training Programme on “MATLAB and Mathematica for Scientific Research” from 27<sup>th</sup>-29<sup>th</sup> July 2020 organized by Department of Mathematics, Arul Anandar College (Autonomous), Karumathur, Madurai
  - Mr.P.Megaraju, Assisant professor (C), attended a Five Day FDP on “Applications of Mathematics in Engineering” from 27<sup>th</sup> -31<sup>st</sup> July 2020 organized by Department of Mathematics, KPR Institute of Engineering and Technology (Autonomous) Avinashi Road, Arasur, Coimbatore Tamilnadu.
  - Mr.P.Megaraju, Assisant professor (C), attended a One Week FDP on “Mathematical Modeling & Numerical Techniques 2020” from 27<sup>th</sup>-31<sup>st</sup> July 2020 organized by Department of Mathematics and Humanities, Kakatiya Institute of Technology and Science, Warangal Telangana.
  - Mr.P.Megaraju, Assisant professor (C), attended a One Week FDP on “Recent Advances in Mathematics and Statistics” from 3<sup>rd</sup> -8<sup>th</sup> August 2020 organized by Department of Mathematics, Institute of Science and Centre for Learning and Sustainability, GITAM (Deemed to be University), Vishakhapatnam, A.P.
  - Mr.P.Megaraju, Assisant professor (C), attended a Three Day TTT Program on “Modern Online Tools and Software for Remote Teaching and E-Content Development” from 4<sup>th</sup>-6<sup>th</sup> August 2020 organized by JNTUH CEH and Internal Quality Assurance Cell (IQAC) Under TEQIP III.
  - Mr.P.Megaraju, Assisant professor (C), attended a Five Day National webinar on “Fluid Dynamics from Mathematicians Viewpoint” from 9<sup>th</sup>-13<sup>th</sup> August 2020 organized by Department of Mathematics, School of Science, GITAM (Deemed to be University), Hyderabad
  - Mr.P.Megaraju, Assisant professor (C), attended a One Week FDP in Applied Numerical methods from 28<sup>th</sup> Sepember to 3<sup>rd</sup> October 2020 organized by Department of Mathematics & Statistics, University College for Women, Koti, Hyderabad, T. S.
  - Mr.P.Megaraju, Assisant professor (C), attended a Two Day National Webinar on “Mathematics Perspectives in Applied Sciences” from 29<sup>th</sup>-30<sup>th</sup> September 2020 organized by Yogi Vemana University, Kadapa.
  - Mr.P.Megaraju, Assisant professor (C), attended a Five Day FDP on “Applications of Mathematics and Statistics in Engineering (AMSE-2020)” from 23<sup>rd</sup>-27<sup>th</sup> November 2020 organized by Department of Mathematics, Malla Reddy Engineering College (Autonomous), Secunderabad, T. S.
  - Ms.Dhanalakshmi Naidu, Assisant professor (C), attended a Two Day weninar on “Applications of Mathematics in Engineering” from 3<sup>rd</sup>-4<sup>th</sup> July 2020. MGIT, Hyderabad Telangana.
  - Ms.Dhanalakshmi Naidu, Assisant professor (C), attended a Five Day Webinar on “Applications of Mathematics in Science and Engineering” from 7<sup>th</sup>-11<sup>th</sup> July 2020 organized by Vishnu Institute of Technology, Bhimavaram A.P.
  - Ms.Dhanalakshmi Naidu, Assisant professor (C), attended a Two Day Webinar on “Recent Advances in Pure & Applied Mathematics (RAPAM)” from 10<sup>th</sup>-11<sup>th</sup> July 2020 organized by Narajole Raj College, Narajole : Paschim Medinipur.
  - Ms.Dhanalakshmi Naidu, Assisant professor (C), attended a One Day FDP on “Teaching Mathematics

- Effectively in online Mode: various ICT Tools and Softwares” on 9<sup>th</sup> August 2020, Tech Edu Teacher.
- Ms.Dhanalakshmi Naidu, Assisant professor (C), attended a Two Day Webinar on “Modern tools and software for remote teaching and e-content development” from 4<sup>th</sup>-6<sup>th</sup> August 2020 organized by JNTUH College of Engineering Hyderabad.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a Two Day FDP on “Applications of Mathematics in Engineering” from 3<sup>rd</sup>-4<sup>th</sup> July 2020 organized by Department of Mathematics & Humanities, MGIT, Hyderabad.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a One Day FDP on “MATLAB” and its applications on 5<sup>th</sup> July 2020 organized by Department of Mathematics Aurora’s Degree and PG College.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a Two Day Nation Webinar on “Applications of Mathematics for Engineers” from 4<sup>th</sup>-5<sup>th</sup> July 2020 organized by Department of Science and Humanities, Bharat Institute of Engineering and Technology, Hyderabad.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a One Week International FDP on “Applications of Mathematics in Science & Engineering” from 7<sup>th</sup> - 11<sup>th</sup> July 2020 organized by Department of Basic Science (Mathematics), Vishnu Institute of Technology, Bhimavaram, W. G. District, A.P. JNTUK.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a Two Day FDP on “Algebra and Analysis” from 16<sup>th</sup>-17<sup>th</sup> July 2020 organized by Department of Mathematics CA, Vellalar College for Women (Autonomous), Erode Tamilnadu.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a Six Day FDP on “Applications of Mathematics in Engineering” from 20<sup>th</sup>-25<sup>th</sup> July 2020 organized by Department of Mathematics, KPR Institute of Engineering and Technology (Autonomous) Avinashi Road, Arasur, Coimbatore Tamilnadu.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a One Week FDP on “Recent Advances in Mathematics and Statistics” from 3<sup>rd</sup>-8<sup>th</sup> August 2020 organized by Department of Mathematics, Institute of Science and Centre for Learning and Sustainability, GITAM (Deemed to be University), Vishakhapatnam, A.P.
  - Mr.V.Madhu Kumar, Assisant professor (C), attended a Three Day TTT Program on “Modern Online Tools and Software for Remote Teaching and E-Content Development” from 4<sup>th</sup>-6<sup>th</sup> August 2020 organized by JNTUH CEH and Internal Quality Assurance Cell (IQAC) Under TEQIP III.

- Mr.V.Madhu Kumar, Assisant professor (C), attended a Five Day FDP on “Applications of Mathematics and Statistics in Engineering (AMSE-2020)” from 23<sup>rd</sup>-27<sup>th</sup> November 2020 organized by Department of Mathematics, Malla Reddy Engineering College (Autonomous), Secunderabad.

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

- Prof.M.A.Srinivas delivered a lecture on “Applications of Mathematics in Engineering and sciences” organized by MVSR Engineering College on 8<sup>th</sup> December 2020.
- Prof.M.A.Srinivas delivered a talk on “Mathematical Modeling” organized by Mallareddy Engineering College on 25<sup>th</sup> November 2020.
- Prof.M.A.Srinivas delivered a talk in FDP on “Applications of Mathematics in Research Methodology on Emerging Technologies” organized by HITAM on 16<sup>th</sup> October 2020.
- Dr.M.A.Srinivas, Professor & Head, delivered a talk in a Webinar on “Systematic approach to learn Mathematics” on 4<sup>th</sup> 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 28<sup>th</sup> June 2020 at Malla Reddy Institute of Technology and Science.

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

- Dr.M.A.Srinivas, “The Dynamics of an Eco-Epidemiological Model of Three Species with Holling type-II and type-IV functional responses” in Journal of Physics, Vol. 5, Issue no. 3, pp. 1061-1073, December 2020.
- Dr.M.A.Srinivas, “Mathematical Approach to Study Heat and Mass Transfer Effects in Transport Phenomena of a non Newtonian Fluid” in API Conference Proceeding, pp. 61-73, October 2020.
- Dr.M.A.Srinivas, “Three species Epidemiological Model with Holling type functional responses”, International Journal of Mathematical Model and Methods in Applied Sciences, Vol. 14, pp. 62-75, July 2020.
- Dr.B.Shankar Goud, Assisant professor (C), Pudhari Srilatha, P.Bindu, and Y.Hari krishna “Radiation effect on MHD boundary layer flow due to an exponentially stretching sheet”, Advances in Mathematics: Scientific Journal, 9(12), 2020, pp.10755–10761.
- Dr.B.Shankar Goud, P.Pramod Kumar, Bala Siddulu Malga “Effect of Heat source on an unsteady MHD free convection flow of Casson fluid past a vertical oscillating plate in porous medium using finite element analysis”, Partial Differential Equations in Applied Mathematics, Volume 2, December 2020, 100015.

- Dr.B.Shankar Goud “Heat Generation/Absorption influence on steady stretched permeable surface on MHD flow of a micropolar fluid through a porous medium in the presence of variable suction/injection”, International Journal of Thermofluids, vol.7-8 (2020) 100044. <https://doi.org/10.1016/j.ijft.2020.100044>.
- Dr.B.Shankar Goud, K.Sudhakar Reddy, P.Suresh M.V.Ramana Murthy “Numerical solution of free convective stratified fluid flow over an infinite vertical porous plate with hall effect”, International Journal of Mechanical and Production Engineering Research and Development Vol. 10, Issue 3, June 2020, pp.10019–10030.
- Mr.P.Pramod Kumar, B.Shankar Goud, Bala Siddulu Malga “Finite element study of Soret number effects on MHD flow of Jeffrey fluid through a vertical permeable moving plate”, Partial Differential Equations in Applied Mathematics, 1 (2020) 100005.
- Dr.B.Shankar Goud, D.Mahendar and M.N.Raja Shekar “Thermal radioactive influence on MHD free convection flow across a porous medium in a vertical surface with temperature”, AIP Conference Proceedings 2246, pp. 020081-7 (2020); <https://doi.org/10.1063/5.0014524>.
- Dr.B.Shankar Goud, Pudhari Srilatha, Someshwar Siddi, Amraj Srilatha “Effects of thermal radiation on MHD free convection flow past a vertical porous plate in the presence of chemical reaction- FEM”, Journal of Critical Reviews, 7(18), 2020, pp. 2600-2609.
- Mr.Hari Singh Naik, B.Shankar Goud, P.Suresh, M. V.Ramana Murthy “Suction/injection effects on free convective fluid flow over a moving vertical porous plate with variable time”, Journal of Critical Reviews, 7(18), 2020, pp. 1324-1328.
- Dr.B.Shankar Goud “Thermal Radiation Influences on MHD Stagnation Point Stream over a Stretching Sheet with Slip Boundary Conditions”, International Journal of Thermofluid Science and Technology (2020), 7(2), Paper No.070201.
- Dr.B.Shankar Goud., Pudhari Srilatha, Dr.K.Ramesh Babu, L.Indira “Finite element approach on MHD flow through porous media past an accelerated vertical plate in a thermally stratified fluid”, Journal of Critical Reviews,7(16),2020,pp.69-74..
- Mr.Hari Singh Naik, B.Shankar Goud, P.Suresh, M. V.Ramana Murthy “Radiation and Hall Effect on MHD mixed convection of Casson fluid over a stretching sheet”, International Journal of Advanced Science and Technology Vol. 29, No. 7, (2020), pp. 1121-1131.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Nanomaterial Synthesis, Process, Characterization & its Functional Applications” organized by Hindustan College of Engg. & Technology, Coimbatore from 6<sup>th</sup>-11<sup>th</sup> July 2020.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Role of Materials Science in Engineering: Applications Perspective” organized by MGIT, Hyderabad from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Modern Characterization Techniques for Scientific and Engineering Applications (MCTSEA-2020)” organized by KITS, Warangal from 4<sup>th</sup> - 8<sup>th</sup> August 2020.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Advances in Optics & Photonics” organized by MLRIT, Hyderabad from 4<sup>th</sup> -8<sup>th</sup> August 2020.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Engineering Physics & Materials Science” organized by CBIT, Hyderabad from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
- Dr.P.Ranjith Reddy, Assistant Professor (C), participated in FDP on “Impacts of Nanomaterials Applications in the Environment” organized by Mepco Schlenk Engineering College, Sivakasi, Tamil Nadu from 17<sup>th</sup> - 21<sup>st</sup> August 2020.
- Dr.Y.Aparna, Professor & Head, Department of Physics, JNTUH, delivered online lecture in International webinar on “Nano Technology & Overview” organized by EPMS 2020 CBIT, Hyderabad on 16<sup>th</sup> July 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<sup>th</sup> July 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 4<sup>th</sup> July 2020 organized by Lead India Foundation.
- Dr.G.Devendhar Rao, Assistant Professor (C), participated in One Week FDP on “Role of Machine Learning & Data Sciences in AI” organized by Department of CSE and M & H from 28<sup>th</sup> June to 2<sup>nd</sup> July 2020.
- Dr.G.Devendhar Rao, Assistant Professor (C), attended a Six Day online FDP on “Nanomaterial Synthesis, Process, Characterization and its Functional Applications” organized by the Department of Automobile Engineering, Hindustan

## Department of Physics

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

College of Engineering and Technology from 6<sup>th</sup>-11<sup>th</sup> July 2020.

### **Faculty Achievements: Awards**

- Dr.S.Venkateswara Rao, Professor received “Emerging Leader in Technology Innovation” from International Association of Research and Developed Organization on 28<sup>th</sup> November 2020.
- Dr.S.Venkateswara Rao, Professor received “Best Performer Research & Development” from International Association of Research and Developed Organization on 28<sup>th</sup> November 2020.
- Dr.S.Venkateswara Rao, Professor received “Sir C. V.Raman Life Time Achievement International Award” from Innovative Research Developers and Publishers on 12<sup>th</sup> December 2020.
- Dr.S.Venkateswara Rao, Professor has a Life Membership in DK International Research Foundation (DKIRF) on 6<sup>th</sup> November 2020.
- Dr.S.Venkateswara Rao, Professor has a Fellow Membership in Indian Academic Researchers Association (IARA) in November 2020.
- Dr.S.Venkateswara Rao, Professor has a Life Membership in Magnetic Society of India (MSI) on 6<sup>th</sup> November 2020.

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

- Dr.S.Venkateswara Rao, Professor reviewed a research paper entitled “Cyclic voltammetry and electrochemical impedance spectroscopy analysis of Cr<sup>3+</sup> doped Mg<sub>2</sub>SiO<sub>4</sub> nanoparticles” for Material Science Research India, an International Peer Reviewed Research Journal on November 2020.

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

- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Multifunctional Fiber Optic Passive Glass Sensor: Determination of, Various Environmental Parameters at 303.15k Temperature Using 660nm Light Source, Iop Journal Of Physics \*\*\* UGC Care Approved Scopus Journal \*\*\*, ISSN: 1742 - 6596, Vol No.1478, Paper ID: 012023, pp.1-10, Institute of Physics (IOP), July 2020.
- Mr.R.Nagaraju, Dr.S.Venkateswara Rao, “Current Status of Micro and Nano Structured Optical Fiber Sensors”, International Journal of Intellectual Advancements and Research in Engineering Computations \*\*\*\*Impact Factor 4.2\*\*\*\*, ISSN: 2348 - 2079, Vol No.8, Issue No.3, pp.418-437 in July 2020.
- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Employability of a U-Shaped Glass Rod in the construction materials of an Extrinsic Fiber Optic Sensor to determine various parameters of Liquids at the Operating Wavelength of 660nm” has been accepted for publication in Materials Today:

Proceedings, \*\*\* UGC Care Approved Elseivr Journal \*\*\*.

### **Conference Papers Presented by Faculty Members**

- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Employability of a U - Shaped Glass Rod in The Construction of an Extrinsic Fiber Optic Sensor To Determine Various Parameters Of Liquids At The Operating Wavelength Of 660nm”, ESN International Conference On Multidisciplinary Research And Innovation \*\*\*World Book of Records\*\*\*, ISBN No.978-81-945297-0-5, pp.246, ESN Publications - Research & Development from 3<sup>rd</sup> - 9<sup>th</sup> September 2020.

### **New Appointments and Promotions Governing Body Member**

- Dr.S.Venkateswara Rao, Professor of Physics has been nominated as “Governing Body Member” to the Nova College of Engineering & Technology, Hayathnagar, Ranga Reddy on 5<sup>th</sup> September 2020.
- Dr.S.Venkateswara Rao, Professor of Physics has been nominated as “Governing Body Member” to the “CMR College of Pharmacy, Kandlakoya, Medchal, Hyderabad on 5<sup>th</sup> September 2020.

### **Students’ Achievements**

#### **Research Papers Published**

- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Multifunctional Fiber Optic Passive Glass Sensor: Determination of, Various Environmental Parameters at 303.15k Temperature Using 660nm Light Source, Iop Journal Of Physics \*\*\* UGC Care Approved Scopus Journal \*\*\*, ISSN: 1742 - 6596, Vol No.1478, Paper Id: 012023, pp.1-10, Institute of Physics (IOP), in July 2020.
- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Employability of a U-Shaped Glass Rod in the construction materials of an Extrinsic Fiber Optic Sensor to determine various parameters of Liquids at the Operating Wavelength of 660nm” has been accepted for publication in Materials Today: Proceedings, \*\*\* UGC Care Approved Elseivr Journal \*\*\*.

#### **Research Papers Presented**

- Mr.S.Srinivasulu, Dr.S.Venkateswara Rao, “Employability of a U - Shaped Glass Rod In The Construction of an Extrinsic Fiber Optic Sensor To Determine Various Parameters Of Liquids At The Operating Wavelength Of 660nm”, ESN International Conference On Multidisciplinary Research And Innovation \*\*\*World Book of Records\*\*\*, ISBN No.978-81-945297-0-5, pp.246, ESN Publications - Research & Development in September 2020.



## Department of Chemistry

### Details of Webinars/Conference/Seminars/Workshops/Refresher Courses/Orientation Courses / FDPs attended by the Faculty

- Dr.B.Rama Devi, Professor of Chemistry attended a One Day Lead India- Live Webinar on “Impact of Covid-19 on the Future of Higher Education” on 4<sup>th</sup> July 2020.
- Dr.B.Rama Devi, Professor of Chemistry attended One Day Lead India- Live Webinar on “Impact of Covid-19 on the Development of Rural Economy- Challenges and Opportunities” on 27<sup>th</sup> July 2020.
- Dr.M.Thirumala Chary, Professor of Chemistry attended a One Day Webinar on “Experts Online” organized by the Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai in association with Association of Chemistry Teachers (ACT), Mumbai on 19<sup>th</sup> July 2020.
- Dr.P.Aparna, Asst. Professor of Chemistry attended a Three Day workshop on “Preparing for UG Program Accreditation” under IQAC, JNTUH CEH, sponsored by TEQIP III from 12<sup>th</sup>-14<sup>th</sup> August 2020.
- Dr.T.Sabithakala, Asst. Professor of Chemistry attended a One Day International Workshop on “Biomedical product development challenges and opportunities” organized by Government Degree College Pitapuram on 4<sup>th</sup> September 2020.
- Dr.T.Ashok Kumar, Asst. Professor (C), participated in a Three Day TTT program on “Modern Online Tools and Software for remote teaching and e-content development” organized by IQAC, under TEQIP III from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Dr.T.Ashok Kumar, Asst. Professor (C), participated in One week National level online FDP program on “Digital teaching tools” organized by IQAC, Govt. City College, Hyderabad from 29<sup>th</sup> June to 5<sup>th</sup> July 2020.
- Dr.T.Ashok Kumar, Asst. Professor (C) participated in One week online short program on “Applications of Sound Possibilities” from Satyajit Ray Film & Television Institute, Kolkata from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.
- Dr.T.Ashok Kumar, Asst. Professor (C), actively participated in One Day interactive session on “How to become an Art Director” on 31<sup>st</sup> July 2020 by Dept. of Visual Communications, Satyabhama Institute of Science & Technology, Chennai.
- Dr.T.Ashok Kumar, Asst. Professor (C), participated in One Day National Webinar on “Film reporting: looking beyond the glamour” organized by Dept. of Journalism, Centre for Media Studies, Jyoti Nivas College on 2<sup>nd</sup> July 2020 Bangalore.
- Dr.T.Ashok Kumar, Asst. Professor (C), participated in One Day National Webinar on “Cinema in

Transition: Platform, Content, Process” on 1<sup>st</sup> July 2020 organized by Jyoti Nivas College, Bangalore.

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

- Dr.M.Thirumala Chary, Professor of Chemistry delivered an invited talk on “Smart Polymers for the Biomedical and Tissue Engineering” in one week FDP on “Current Advances in Science for Engineering & Medical Applications: (CASEMA-2020)” on 7<sup>th</sup> July 2020, organized by KITS, Warangal.

### Conference Papers Presented by Faculty Members

- Dr.M.Thirumala Chary, Professor of Chemistry Presented a paper in the International Conference on Material Science, smart structures and applications (ICMSS) organized by Surya Engineering College, Tamil Nadu from 15<sup>th</sup> -16<sup>th</sup> October 2020.
- Dr.Ch.Venkata Ramana Reddy, Environmentally Benign Synthesis of Benzoic Acid Coupled Benzimidazole by using PEG-600, 3<sup>rd</sup> international conference on material science, Smart structures and applications organized virtually in association with American Institute of Physics from 15<sup>th</sup>-16<sup>th</sup> October 2020.
- Dr.Ch.Venkata Ramana Reddy, *PEG-600: Green solvent for synthesis of Pyrazolo [5,1-c] Thieno [3,4,-e][1,2,4] Triiazin-6-Amine*. National Conference on Physics and Chemistry of Materials organized virtually in association with American Institute of Physics from 14<sup>th</sup> -16<sup>th</sup> December 2020.

### Journal Papers Published by the Faculty

- Mr.A.Reddy Anki Reddy, K.Paidikondala, R. Syed, R.Gundla, Ch.Venkata Ramana Reddy, and T. Ganapathi published a paper on “Synthesis of Chiral 3,3'-Disubstituted (S)-BINOL Derivatives via the Kumada and Suzuki Coupling and Their Antibacterial Activity” in Russian Journal of General Chemistry, 2020, Vol. 90, 8, 1507–1517.
- Mr.Sridhar.P, D.Ashok, Ch.Venkata Ramana Reddy, M.Sarasija, A.Ganesh published a paper on “Ionic liquid mediated one-pot multicomponent synthesis of methyl 1,2-diaryl- 4-hydroxy-5-oxo-2,5-dihydro-1H-pyrrole-3-carboxylates” in Chemical Data Collections, 2020, 29, 100508.
- Mr.E.Laxminarayana, B.Srinivasa Reddy and Ch.Venkata Ramana Reddy published a paper on "Development of Green protocols for the synthesis of 1H-benzo[d]imidazolo aryl amide derivatives and evaluation of their biological activity" in Vietnam Journal of Chemistry 2020, 55 58(6), 779-784.
- Ms.P.Sukanya, Ch.Venkata Ramana Reddy and G. Bhargavi published a paper on “Synthesis, Crystal structure and DNA binding studies of 3-(2-(2-hydroxybenzylidene) hydrazinyl) quinoxalin-2(1H)-one” in Crystallography Reports, 2020, 65(1), 72-77.

- Mr.R.Venkataramana, Ch.Venkata Ramana Reddy and D.Ashok published a paper on "An efficient approach for the synthesis of triazole conjugated pyrazole chalcone derivatives" Chemistry Africa, 2020,3,45-52DOI:10.1007/s42250-019-00103-9.
- Mr.Veeraiah, M.Ravi, Ch.Venkata Ramana Reddy published a paper on "Simultaneous Spectrophotometric Estimation of Azithromycin and Ofloxacin using  $\pi$ -Acceptors as Analytical Reagents" Int. J Pharm Sci. Nanotech, 2020 13(5), 5082-5089.

### **Department of Humanities & Social Sciences**

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

- Dr.Parvathi.V, Professor of English & HoD, Coordinator of the Short Term Course in "Soft Skills and Professional Ethics" at UGC HRDC, JNTUH from 2<sup>nd</sup> -7<sup>th</sup> November 2020.
- Dr.Parvathi.V, Professor of English & HoD, Conducted "Ph.D. Coursework" for Ph.D. Students of English Language and Literature from 21<sup>st</sup> July to 12<sup>th</sup> August 2020.
- Dr.N.V.S.N. Lakshmi, Assistant Professor of English organized of the Refresher Course on "English language Teaching" at UGC HRDC from 9<sup>th</sup>-23<sup>rd</sup> November 2020.

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

##### **English**

- Dr.Parvathi.V, Professor of English & HoD, successfully completed the MHRD sponsored TEQIP assisted course on "PANICGOGY: A Perspectives of Online Coaching" held from 14<sup>th</sup>-18<sup>th</sup> December 2020 organized the Department of Humanities and Social Sciences, IIT Roorkee.
- Dr.N.V.S.N. Lakshmi, Assistant Professor of English participated in a Two Day Training on "Modern Online Tools and Software for Remote Teaching and E-Content Development" at JNTUH College of Engineering Hyderabad from 4<sup>th</sup>-6<sup>th</sup> August 2020.
- Dr.N.V.S.N.Lakshmi, Assistant Professor of English participated in a Four Day Training Programme on "24 hours of recurrent training for Aviation English Trainers and Aviation English Language Experts (Raters-2)" and got certified by Aviation English Language Training Organisation/Testing Service Provider by Airport Authority of India from 29<sup>th</sup> October to 1<sup>st</sup> November 2020.
- Dr.N.V.S.N. Lakshmi, Assistant Professor of English participated in a Five Day workshop on "PANIC-GOGY: Perspective on Online teaching" at IIT Roorkee from 14<sup>th</sup> -18<sup>th</sup> December 2020.
- Mr.K.Balraj, Assistant Professor (C) participated in the E-Conference on "Contemporary Trends in Literature" organised by Munger University, Bihar from 11<sup>th</sup> -13<sup>th</sup> July 2020.

- Mr.K.Balraj, Assistant Professor (C), attended an interactive in the Webinar on "Contemporary Trends in Literature and culture" organised by the Department of English and other Foreign Languages, SRM Institute of Science and Technology Ramapuram Campus, Chennai on 14<sup>th</sup> July 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in One Day workshop on "Effective Communication" through digital mode organized by Indira Gandhi University, Meerpur, Resari, Haryana on 20<sup>th</sup> July 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in the National Webinar on "The Human Subject: Disability and post Apocalyptic Narratives" Organised by the Department of English, Government College Daman, under the aegis of IQAC on 21<sup>st</sup> July 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in the Online Quiz on American Literature, Organised by Bharathidasan College of Arts and Science, PG and Research Department of English from 20<sup>th</sup> -23<sup>rd</sup> August 2020.
- Mr.K.Balraj, Assistant Professor (C), participated and read his Valuable and Favourite poem "An Insiders Voice" in the 3<sup>rd</sup> Dignagar Online International English Poetry Fest 2020, Dignagar, Krishna Nagar, Nadia, and West Bengal, India on 23<sup>rd</sup> August 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in the English Language and Literature Quiz-9, Organised by the Department of English, MNR Degree & PG College (PG Campus) on 4<sup>th</sup> September 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in the Online Faculty Induction Programme-I, Organised by UGC HRDC, JNTUH from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020.
- Mr.K.Balraj, Assistant Professor (C), participated in the National Level Webinar on "Literary Criticism" organized by the PG Department of English, Thiruvalluvar University Constituent College of Arts & Sciences, Kallakurichi, Tamilnadu on 13<sup>th</sup> September 2020.
- Mr.K.Balraj, Assistant Professor (C), participated and read his Valuable and Favourite poem "An Optimistic Trader" in the 4<sup>th</sup> Dignagar Online International English Poetry Fest 2020, Dignagar, Krishna Nagar, Nadia, West Bengal on 27<sup>th</sup> September 2020.
- Mr.B.Amarender Rao, Assistant Professor (C), participated in the Session on Digital Humanities in Literary organised by School of English, Kumaraguru College of Liberal Arts and Sciences, Coimbatore, Tamilnadu on 12<sup>th</sup> October 2020.
- Mr.B.Amarender Rao, Assistant Professor (C), participated in the Plenary Webinar by David

Crystal, organized by Sri Siva Subramanya Nadar College of English, Department of English on 23<sup>rd</sup> January 2021.

- Dr.P.Dasharatham, Assistant Professor (C), participated in a One week International FDP on “Language and Literature -A Pragmatic Approach” from 20<sup>th</sup> -26<sup>th</sup> July 2020 organized by Department of English VET Institute of Arts and Science Erode.
- Dr.P.Dasharatham, Assistant Professor (C), participated in STC on National Education Policy from 15<sup>th</sup> -21<sup>st</sup> July 2020 organized by UGC HRDC Gujarat University.
- Dr.P.Dasharatham, Assistant Professor (C), participated in One Week FDP on “Futuristic Trends on Language and Literature: Impact on 21<sup>st</sup> Century Learners” from 13<sup>th</sup>-18<sup>th</sup> July 2020 organized by SRM Institute of Science and Technology, Ramapuram Chennai.
- Dr.P.Dasharatham, Assistant Professor (C), participated in a Five Day FDP on “Innovative Teaching Learning Methodologies” by CIT-TLC Coimbatore Institute of Technology from 6<sup>th</sup> -10<sup>th</sup> July 2020.
- Dr.P.Dasharatham, Assistant Professor (C), participated in UGC sponsored Online “Faculty Induction Program-I” organized by UGC HRDC JNTUH from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020.
- Dr.G.Thirupathi, Assistant Professor (C), participated in one month online “Faculty Induction Programme-II” from 21<sup>st</sup> September to 29<sup>th</sup> October 2020 organised by UGC HRDC, JNTUH.
- Dr.Indira Rani, Assistant Professor (C), participated in Five Day FDP on “Nurturing Research & Innovation in Higher Education Institutions” organized by IQAC & Department of Financial Planning of Dr. MGR Educational & Research Institute from 29<sup>th</sup> June to 4<sup>th</sup> July 2020.
- Dr. Indira Rani, Assistant Professor (C), participated in the One week FDP on “Futuristic trends of language and literature-Impact on 21<sup>st</sup> century learner’s, for Faculty and Research Scholars, organized by the Department of English and other Foreign Languages, SRM Institute of Science & Technology, Ramapuram campus, Chennai from 13<sup>th</sup> -18<sup>th</sup> July 2020.
- Dr.Indira Rani, Assistant Professor (C), participated in the Five Day FDP on “Innovative Teaching Learning Methodologies” conducted by CIT-TLC from 6<sup>th</sup> -10<sup>th</sup> July 2020, Teaching Learning Centre (under PMMMNMT, Department of Higher Education, MHRD, GOL)
- Dr.Indira Rani, Assistant Professor (C), participated in Seven Day Online International FDP on “Language and Literature- A Pragmatic Approach” organized by the Department of English, VET

Institute of Arts and Sciences, Erode from 20<sup>th</sup> -26<sup>th</sup> July 2020.

- Dr.Indira Rani, Assistant Professor (C), participated in Three Day TTT Program on Modern Online Tools and Software for Remote Teaching and E-Content Development” organized from 4<sup>th</sup> -6<sup>th</sup> August 2020 under TEQIP III, JNTUH CEH.
- Dr.Indira Rani, Assistant Professor (C), participated & successfully completed Five Day FDP on “Professional Enrichment: Role of Soft Skills” organized by KU College of Engineering & Technology, Kakatiya University, Warangal from 24<sup>th</sup>-28<sup>th</sup> August 2020.
- Dr.Indira Rani, Assistant Professor (C), participated in UGC HRDC, JNTU Hyderabad, sponsored Online “Faculty Induction Program-II” held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020.
- Dr.Indira Rani, Assistant Professor (C), participated in the Plenary Webinar by Prof. David Crystal organised by Sri Sivasubramaniya Nadar College of Engineering Department of English on 23<sup>rd</sup> January 2021.

#### **Management Studies**

- Dr.N.Venkatesh, Assistant Professor (C), participated in a One Week National Level FDP on “Research Methodology: Emerging Perspectives, challenges and opportunities” organised by Government First Grade College, Badami, Karnataka from 25<sup>th</sup>-31<sup>st</sup> July 2020.
- Dr.N.Venkatesh, Assistant Professor (C), participated in a “Faculty Induction Programme-I” organised by UGC HRDC, JNTUH from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020.
- Dr.N.Venkatesh, Assistant Professor (C), attended a STC on “National Educational Policy and Sanskrit” organised by UGC HRDC, Gujarat University, Ahmedabad from 15<sup>th</sup>-21<sup>st</sup> September 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a Webinar on “Impact of Covid-19 on the Future of Higher Education-Challenges & Opportunities” organized by LEAD India Foundation on 4<sup>th</sup> July 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a programme on “Cut-Throat challenges & potential opportunities for youth in Pandemic Scenarios like Covid-19, Rethinking Financial Planning” organized by school of Management in Collaboration with MCUBE Academy, Chennai on 6<sup>th</sup> July 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a National Level Webinar on “Digital Transformation: e class rooms & CMS” organized by Shri Surupsing Hirya Naik college of Education, Navapur, Dist Nandurbar on 7<sup>th</sup> July 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a Three Day FDP on “Outcome Based Education (OBE) in Higher Education Sector:”



organized by MBITS & AJCE Dept. of EEE, Covid-19 CELL, MBITS & Department of MCA, AJCE from 23<sup>rd</sup> -25<sup>th</sup> July 2020.

- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a Two Day National Level Webinar on “Excellence in Higher Education: Emerging Trends and Roads Ahead” organized by the Post Graduate of St. Francis de Sales College, Electronic City from 27<sup>th</sup> -28<sup>th</sup> July 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in One Day International Conference on “Advance in Business, Commerce & Information Technology” organized by Department of Computer Applications, Management & Commerce on 30<sup>th</sup> July 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a Webinar on “Transforming Youth into Responsible Citizens” organized by LEAD India Foundation on 15<sup>th</sup> August 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), participated in a Six Day Virtual FDP on “Intellectual Property Rights and Effective Patent Drafting” organized by the Department of Biomedical Engineering School of Bio & Chemical Engineering Sathyabama Institute of Sciences and Technology Chennai from 23<sup>rd</sup>-28<sup>th</sup> November 2020.
- Mr.Md.Anjum Pasha, Assistant Professor (C), successfully completed the MHRD sponsored TEQIP assisted course on “PANICGOOGY: A Perspectives of Online Coaching” held from 14<sup>th</sup> -18<sup>th</sup> December 2020, organised the Department of Humanities and Social Sciences, IIT Roorkee.
- Dr.Gampala Prabhakar, Assistant Professor (C), participated in a Five Day FDP on “Innovative Teaching Learning Methodologies” organized by Coimbatore Institute of Technology from 6<sup>th</sup>-10<sup>th</sup> July 2020.
- Dr.Gampala Prabhakar, Assistant Professor (C), participated in “Investments Scenario in Inidan Securities Market-During and Post Covid Era” organized by Pendekanti Institute of Management, Hyderabad on 11<sup>th</sup> July 2020.
- Dr.Gampala Prabhakar, Assistant Professor (C), participated in “Modern Online Tools and Software for Remote Teaching and e-Content Development” organized by JNTUH CEH (IQAC) from 4<sup>th</sup> -6<sup>th</sup> August 2020.
- Dr.Gampala Prabhakar, Assistant Professor (C), participated in “Scheme of Financial Assistance for setting up of Electronics and ICT Academies” organized by Ministry of Electronics and Information Technology (Meit Y), Government of India from 10<sup>th</sup>-21<sup>st</sup> August 2020.
- Dr.Gampala Prabhakar, Assistant Professor (C), participated in “Entrepreneurial Opportunities and Financial Viability” organized by Department of

Business Management, Osmania University, Hyderabad from 25<sup>th</sup> -26<sup>th</sup> September 2020.

- Dr.Gampala Prabhakar, Assistant Professor (C), participated in “Mental Health for all Psychological Well-Being During and Beyond Covid 19” organized by University College of Education, Osmania University, Hyderabad from 8<sup>th</sup>-10<sup>th</sup> January 2021.

#### **Invited Talks/Expert Lectures delivered by the Faculty**

- Dr.Parvathi.V, Professor of English & HoD, delivered a lecture on “Gender Sensitization” at UGC HRDC, JNTUH on 3<sup>rd</sup> September 2020.
- Dr.Parvathi.V, Professor of English & HoD, delivered a lecture on “Integrity, Value & Ethics” at St. Martin’s Engineering College, Dhulapally, Secunderabad on 24<sup>th</sup> September 2020.
- Dr.Parvathi.V, Professor of English & HoD, delivered a lecture on “Teaching and Learning through English Language Laboratories” a Refresher Course on English Language Teaching at UGC HRDC, JNTUH on 23<sup>rd</sup> November 2020.
- Dr.N.V.S.N. Lakshmi, Assistant Professor of English delivered a session on “Oral and Professional Communication” on 7<sup>th</sup> November 2020 during the Short Term Course on “Soft Skills and Professional Ethics” at UGC HRDC, JNTUH.

#### **Faculty Achievements: Award of PhD**

- Mr.Sunand Emmanuel was awarded Ph.D. degree for his work on “Interpersonal Communication Skills” under the supervision of Dr. Parvathi. V, Professor of English & HoD on 23<sup>rd</sup> June 2020.
- Ms.K.L.Siri Charan was awarded Ph.D degree for her work on “Using Instructional Straregies to Develop Vocabulary of the Select Engineering Students” under the supervision of Dr.N.V.S.N. Lakshmi, Assistant Professor of English on 28<sup>th</sup> December 2020.

### **JNTUH College of Engineering, Jagtial**



Administative Block JNTUH College of Engineering Jagtial



## **New Equipment/Software Installed in the Dept/Centre**

- JNTUH CEJ in ECE Department Four-Channel Digital Storage Oscilloscope, Four-Channel Digital Storage Oscilloscope, 50 MHz, 1GSa/s (Model: DS1054Z, Make : RIGOL) with worth of Rs. 98, 400.00

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

- Dr. Dhiraj Sunehra, Professor & Head, ECE attended a Three Day National Webinar on “Rasberry Pi and Python Programming Basics” organized by Think IoT Solution Hyderabad from 25<sup>th</sup> -27<sup>th</sup> May 2020.
- Dr.Dhiraj Sunehra, Professor & Head, ECE attended a One Day National Webinar on “Post Covid-19 Resurgence of Indian Industry and R & D” organized by SRM University on 15<sup>th</sup> May 2020.
- Dr. Dhiraj Sunehra, Professor & Head, ECE attended a Three Day National Webinar on “Online Course Design, Development and Deliver” organized by HRDC, University of Hyderabad from 6<sup>th</sup>-8<sup>th</sup> May 2020.
- Dr.B.Prabhakar, Associate Professor, ECE attended a One Day National Webinar on “A Case Study on Application of Image and Video Processing in Defence” organized by Dept. of Electronics and Telecommunication, AISSMS Institute of Information Technology on 30<sup>th</sup> June 2020.
- Dr.B.Prabhakar, Associate Professor, ECE attended a Six Day National FDP on “Moode Learnig Management Syste” organized by JNTUHCES & Spoken Tutorial Project IIT Bombay from 10<sup>th</sup> -15<sup>th</sup> June 2020.
- Dr.B.Prabhakar, Associate Professor, ECE attended a Six Day National FDP on “Moode Learnig Management Syste” organized by JNTUHCES & Spoken Tutorial Project IIT Bombay from 25<sup>th</sup> -30<sup>th</sup> June 2020.
- Mr.S.Praveen Kumar, Assistant Professor, ECE attended a Six Day National FDP on “SCI LAB -An Open Source Substitute For MAT LAB” organized by JNTUHCES & Spoken Tutorial Project IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Week Workshop on “Next Generation Software Tools & Trends for Industrial Solutions: Current Practices” organized by Department of CSE, Government College of Engineering, Aurangabad from 13<sup>th</sup> -17<sup>th</sup> June 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Week National FDP on “Moodle Learning Management System” organized by Department of CSE, GNIT, Hyderabad & IIT Bombay Spoken Tutorial from 10<sup>th</sup> -15<sup>th</sup> June 2020.

- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National course on “On Natural Language Processing” on 29<sup>th</sup> April 2020 at NPTEL.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National Webinar on “Online Learning Tools Post COVID-19” organized by Chandra Sekharendra Saraswathi Viswa Maha Vidyalaya, Enathur, Kanchipuram & Codegnan IT Solutions,Vijayawada on 29<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Week National FDP on “LaTex R-Programming & Python ” organized by Department of CSE, GNIT, Hyderabad & IIT Bombay Spoken Tutorial from 25<sup>th</sup> -30<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National Webinar on “CAS Promotion & Issues” organized by IQAC, Dnyandeo Mohekar Maha Vidyalaya, Kalamb on 20<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a Two Week FDP on “Managing Online Classes and Co-Creating MOOCS:2.0” organized by Teaching Learning Centre, Ramanujan College, University of Delhi from 18<sup>th</sup> May to 3<sup>rd</sup> June 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National on “Introduction to Natural Language Processing” organized by Codegnan IT Solutions OPC Pvt. Ltd. on 13<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Week National FDP on “Artificial Intelligence” organized by ATAL Academy at MSME-Technology Development Centre (PPDC), Meerut from 11<sup>th</sup>-15<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National FDP on “Online Course on Introduction to Artificial Intelligence” organized by NPTEL on 4<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, Assistant Professor, ECE attended a One Day National Webinar on “University Industry Linkage-Different Mechanisms” organized by Audisankara Group of Institutions on 2<sup>nd</sup> May 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a National FDP on “Moodle Learning Management System” organized by JNTUH CES & Spoken Tutorial Project IIT Bombay from 10<sup>th</sup>-15<sup>th</sup> June 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a One Week National FDP on “AI & Data Analytics with MAT LAB” organized by Electronics & ICT Academies, NIT, Patna from 8<sup>th</sup>-15<sup>th</sup> June 2020.

- Ms.M.Tirupathamma, Assistant Professor.ECE attended a Two Week National Workshop on “Comprehensive e-Learning to e-Training guide for Administrative Work” organized by Teaching Learning Centre, Ramanujan College, University of Delhi from 25<sup>th</sup> May to 5<sup>th</sup> June 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a National FDP on “SCILAB-An Open Source Substitute for MATLAB” organized by JNTUH CES & Spoken Tutorial Project IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE Attended a Two Week National Refresher Course / FDP on “Recent Innovations in Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy” organized by Departments of EEE, EIE & ICE, Sri Sai Ram Engineering College, Chennai from 18<sup>th</sup> -30<sup>th</sup> May 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a Five Day National Short Term Training Program on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering” organized by Department of Electronics Engineering, RamraoAdik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd., Mumbai from 18<sup>th</sup> -22<sup>nd</sup> May 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a National FDP on “Machine Learning and Data Analytics Using Python” organized by Electronics and ICT Academy, IIT Roorkee from 6<sup>th</sup> -14<sup>th</sup> May 2020.
- Ms.M.Tirupathamma, Assistant Professor, ECE attended a National FDP on “Machine Learning and AI using Python” organized by Electronics and ICT Academy, IIT Roorkee from 27<sup>th</sup> April to 6<sup>th</sup> May 2020.
- Dr.Suresh Sripada, Assistant Professor, Physics attended a National AICTE sponsored short term training programme on “Synthesis Characterization and its applications of Nano materials” organized by INST (IST), JNTUH from 24<sup>th</sup>-29<sup>th</sup> August 2020.

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

- Dr.Dhiraj Sunehra, Prof. & Head, JNTUH CEJ / ECE Webinar on “Raspberry Pi and Python Programmin g Basics” invited by Mr. Bhavani Shankar, Embedded Engineer, Think IoT Solutions, Hyderabad from 25<sup>th</sup> -27<sup>th</sup> May 2020.

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

- Dr.Dhiraj Sunehra, Professor & Head, ECE published a paper on “Energy efficient multihop routing in WSN using the hybrid optimization algorithm” in an International Journal of Communication System Vol. 33, Issue 12, pp.1-20. on 25<sup>th</sup> May 2020.
- Mr.S.Praveen Kumar, Asst. Prof. published a paper on “Energy Efficient Fast Forwarding (EEFF) Protocol for Cross Layer Designed in WSN” in an International Journal Dogo Rang sang Research Vol.10 Issue6, pp. 192-201, ISSN: 2347-7180 on 11<sup>th</sup> June 2020.
- Mr.S.Praveen Kumar, Asst. Prof. ECE published a paper on “Sink Placement for multihop Wireless Sensor Networks using Energy Efficient mechanism” in an International Journal Dogo Rang sang Research Vol.10 Issue6, pp.1-15, ISSN: 2347-7180 on 12<sup>th</sup> June 2020.
- Mr.S.Praveen Kumar, Asst. Prof. ECE published a paper on “Chain Based Hierarchical Routing Protocol in Wireless Sensor Networks” in an International Journal Mukht Shabd Vol. 9, Issue 6, pp. 7840 – 7850, ISSN: 2347-3150 in June 2020.
- Mr.S.Praveen Kumar, Asst. Prof. ECE published a paper on “Improve Scheduling and Energy Efficiency of WNS using Optimal Cluster Scheme” in an International Journal JuniKhyat (UGC Care Group I Listed Journal) Vol.10, Issue6, pp. 276 - 285, ISSN: 2278-4632 in June 2020.
- Mr.S.Praveen Kumar, Asst. Prof. ECE published a paper on “Dynamic Energy Efficient Midpoint based Routing Protocol for WSN” in an International Journal of Advanced Science and Technology (IJAST) Vol. 29, No. 6, pp. 1973-1985, ISSN: 2005-4238 in June 2020.
- Ms.D.Naga Sudha, ECE published a paper on “Multi-Document Abstractive Summarization using Recursive Neural Network” in an International Journal of Advanced Science and Technology (IJAST) Vol.9, Issue7, pp.364 – 370, ISSN: 2278-3075 on 7<sup>th</sup> May 2020.
- Ms.D.Naga Sudha, ECE published a paper on “Neural Network Based Terrain Classification Using Remote Sensing” in an International Journal IJAST of Advanced Science and Technology (IJAST) Vol. 29, No. 6, pp. 2050 – 2064, ISSN: 2005-4238 in June 2020.
- Dr.Suresh Sripada, Rajesh Siripuram, P.Satyagopal Rao, Physics published a paper on “Influence of nano crystalline behavior of Nb<sub>2</sub>O<sub>5</sub>– Sb<sub>2</sub>O<sub>3</sub>–TeO<sub>2</sub> glass ceramics on structural and thermal studies” in an *Materials Today: Proceedings*, Article in Press on 4<sup>th</sup> July 2020.
- Dr.Suresh Sripada, Rajesh Siripuram, P.Satyagopal Rao, Physics published a paper on “Physical, Optical, Structural and Thermal Studies of xWO<sub>3</sub>+ (30-x) As<sub>2</sub>O<sub>3</sub> +70TeO<sub>2</sub> (where x=10, 20, 30 mol %) glasses by UV-Vis, Raman, IR and DSC Studies”, in an *Optik*, Article in Press in August 2020.
- Dr.Suresh Sripada, M.Sumalatha, S.Shravan kumar Reddy, M. Sreenath Reddy, Suresh Sripada, M. Manivel Raja, Ch. Gopal Reddy, P. Yadagiri Reddy,

V. Raghavendra Reddy, Physics published a paper on “Raman and in-field  $^{57}\text{Fe}$  Mossbauer study of cation distribution in Ga substituted cobalt ferrite ( $\text{CoFe}_{2-x}\text{Ga}_x\text{O}_4$ )”, in an *Journal of Alloys and Compounds*, Volume 837, 155478 on 5<sup>th</sup> October 2020.

- Dr.Suresh Sripada, Meenak shamma Ambapuram, Gurulakshmi Maddala, Narendra Babu Simhachalam, Susmitha Kalvapalli, Venkata Subbaiah Yerva Pedda, Raghavender Mitty, physics published a paper on “Highly effective SnS composite counter electrode sandwiched bi-function  $\text{CeO}_2:\text{Er}^{3+}/\text{Yb}^{3+}$  assisted surface modified photo electroded dye sensitized solar cell exceeds 9.5% efficiency” in an *Solar Energy*, Volume 207, Pages 1158-1164 on 1<sup>st</sup> September 2020.
- Dr.Suresh Sripada, M. Sumalatha, S. Shravan Kumar Reddy, M. Sreenath Reddy, P. Venkat Reddy, Gopal Reddy Ch, P. Yadagiri Reddy, V. Raghavendra Reddy, Physics published a paper on “Effect of indium substitution on structural and hyperfine parameters of  $\text{CoFe}_2\text{O}_4$ ” in an *AIP Conference Proceedings* 2220, 110038 on 5<sup>th</sup> May 2020.

### Conference Papers Presented by Faculty Members

- Dr.Suresh Sripada, Asst. Prof., Rajesh Siripuram, P. Satyagopal Rao, Physics presented a paper on “Influence of nano crystalline behavior of  $\text{Nb}_2\text{O}_5\text{-Sb}_2\text{O}_3\text{-TeO}_2$  glass ceramics on structural and thermal studies” in an International Conference on Material Science (ICMS), Tripura & 9-13 March, *Materials Today: Proceedings*, Article in Press on 4<sup>th</sup> July 2020.

### Any other Achievements by the Students

- Mr.Boddupally Mahesh-18JJ1A0409, II/IV-ECE student participated in an I-Innovate 1 Million Seconds Online Hackathon Supported by Telangana State Innovation Cell (TSIC) and organized by Publishsutra from 3<sup>rd</sup> -14<sup>th</sup> May 2020.
- Mr.Boddupally Mahesh-18JJ1A0409, II/IV-ECE student participated in a Three Day workshop on Arduino programming for beginners: Theory and practice conducted by NSIST-Microchip Academy, Dept. of ECE, in Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms.K.Chandrika Preeti-18JJ1A0424, II/IV-ECE student participated in a Webinar on Conversational bot design Conducted by IETE-MUMBAI in Association with PANTECH on 30<sup>th</sup> May 2020.
- Ms.K.Chandrika Preeti-18JJ1A0424, II/IV-ECE student participated in a Development of Deep Learning Architecture Conducted by IETE-MUMBAI in Association with Pantech on 25<sup>th</sup> May 2020.
- Ms.K.Chandrika Preeti-18JJ1A0424, II/IV-ECE student participated in a Three Day online workshop on Arduino programming for beginners: Theory and

practice Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.

- Ms.Srija Saniganti-18JJ1A0442, II/IV-ECE student participated in a Crash course on Python, Online non-credit course authorized by Google and offered through Coursera on 15<sup>th</sup> June 2020.
- Ms.Srija Saniganti-18JJ1A0442, II/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms.Chintapelli Kavya-18JJ1A041, II/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms. Chukka Asrita Jaya Lakshmi-18JJ1A0412, II/IV-ECE student participated in a Programming for everybody (Greeting Started with python) online Non-credit course University of Michigan and offered through Coursera on 27<sup>th</sup> June 2020.
- Ms.Thalla Lahari-18JJ1A0456, II/IV-ECE student participated in a Python 3 Tutorial course conducted by Solo Learn on 12<sup>th</sup> June 2020.
- Ms.Thalla Lahari-18JJ1A0456, II/IV-ECE student participated in a HTML Fundamentals Course conducted by Solo Learn on 30<sup>th</sup> June 2020.
- Ms.Parimalla Akhila-19JJ5A0411, II/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Mr.Vineeshathoutam-18JJ1A0448, II/IV-ECE student participated in a Three Day workshop on Arduino programming for beginners: Theory and practice Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms.G.Pravalika-18JJ1A0408, II/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Mr.Akshith Sandela-18JJ1A0413, II/IV- ECE student participated in a Programming for everybody (Getting Started with Python) University of Michigan and offered through Coursera on 23<sup>rd</sup> June 2020.
- Mr.Akshith Sandela-18JJ1A0413, II/IV- ECE student participated in a Python Data Structures online Non-credit course University of Michigan and offered through Coursera on 24<sup>th</sup> June 2020.

- Mr.Akshith Sandela-18JJ1A0413, II/IV- ECE student participated Introduction to the Internet of Things and Embedded Systems University of California, Irvine and offered through Coursera on 24<sup>th</sup> June 2020.
- Mr.Akshith Sandela-18JJ1A0413, II/IV- ECE student participated in a Computer Networks Online course ION TATA consultancy Service, offered by NPTEL on 22<sup>nd</sup> June 2020.
- Mr.Akshith Sandela-18JJ1A0413, II/IV- ECE student participated in a Biometrics Online course ION TATA consultancy Service, offered by NPTEL on 22<sup>nd</sup> June 2020.
- Mr.Akshith sandela-18JJ1A0413, II/IV- ECE student participated in a Introduction to Artificial Intelligence online course ION TATA consultancy Service, offered by NPTEL on 22<sup>nd</sup> June 2020.
- Ms.Vankudoth Maheshwari-18JJ1A0458, II/IV- ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms.Mohammad Yasin-18JJ1A0434, I/IV-ECE student participated in a Programming for everybody (Getting Started with python) University of Michigan and offered through Coursera on 14<sup>th</sup> June 2020.
- Ms.Bala Swapnika Gopi-18JJ1A0419, II/IV- ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> - 13<sup>th</sup> May 2020.
- Ms.Afifa Fatima-18JJ1A0401, II/IV- ECE student participated in a Programming for everybody (Getting Started with python) University of Michigan and offered through Coursera on 22<sup>nd</sup> June 2020.
- Ms.Afifa Fatima-18JJ1A0401, II/IV-ECE student participated in a Python Data Structures, online non credit course University of Michigan and offered through Coursera on 8<sup>th</sup> June 2020.
- Ms.Afifa Fatima-18JJ1A0401, II/IV-ECE student participated in a Create Your First Game with Python, online non credit course authorized by Coursera Project Network and offered through Coursera on 8<sup>th</sup> June 2020.
- Ms.Afifa Fatima-18JJ1A0401, II/IV-ECE student participated in a HTML Fundamentals Course conducted by Solo Learn on 30<sup>th</sup> June 2020.
- Ms.Afifa Fatima-18JJ1A0401, II/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> - 13<sup>th</sup> May 2020.
- Ms.Soumya-18JJ1A0404, II/IV-ECE student participated in a Three Day workshop on Arduino programming for beginners: Theory and practice Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> -13<sup>th</sup> May 2020.
- Ms.G.Shruthika-19JJ5A0407, II/IV-ECE student participated in a Webinar on How the Agri and IOT Get Connected conducted by Mohamad Sathak College of Engineering in Association with Pantech E Learning from 13<sup>th</sup> -19<sup>th</sup> May 2020.
- Ms.Farozan-17JJ1A0411, III/IV-ECE student participated in a Webinar on Future of AI Conducted by IETE-MUMBAI, in Association with PANTECH on 20<sup>th</sup> May 2020.
- Ms.B.Naga Poojitha-17JJ1A0429, III/IV-ECE student participated in a Three Day workshop on “Arduino programming for beginners: Theory and practice” Conducted by SNIST-Microchip Academy, Dept. of ECE, Sreenidhi Institute of Science and Technology, Hyderabad from 11<sup>th</sup> - 13<sup>th</sup> May 2020.
- Ms.B.Naga Poojitha-17JJ1A0429, III/IV-ECE student participated in an I-Innovate 1 Million Seconds Online Hackathon Supported by Telangana State Innovation Cell (TSIC) and Organized by Publishsutra from 3<sup>rd</sup> -14<sup>th</sup> May 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in “Machine learning for Regression: A Case Study Approach a MOOC” from the University of Washington offered through Coursera on 16<sup>th</sup> May 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a “Machine learning for Regression a MOOC” from the University of Washington, offered through Course on 25<sup>th</sup> June to 6<sup>th</sup> July 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a Crash course on Python, online non-credit course authorized by Google and offered through Coursera on 13<sup>th</sup> May 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a Introduction to Data science in Python, online non-credit course University of Michigan and offered through Coursera on 11<sup>th</sup> May 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a Machine learning Course conducted by Solo Learn on 16<sup>th</sup> June 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a Course on “Data visualization with python organized by Cognitive class.ai Powered” by IBM Developer Skills Network on 5<sup>th</sup> June 2020.
- Mr.R.Nagendra Babu-17JJ1A0444, III/IV-ECE student participated in a Course on “Machine learning with python organized by Cognitive class.ai



Powered” by IBM Developer Skills Network on 9<sup>th</sup> June 2020.

- Mr.N.Sai Pranay-17JJ1A0430, III/IV-ECE student participated in a Webinar on “Development of Deep Learning Architecture” Conducted by IETE-MUMBAI in Association with PANTECH on 25<sup>th</sup> May 2020.
- Mr.N.Sai Pranay-17JJ1A0430, III/IV-ECE student participated in a Introduction and Programming with IoT Boards, online non-credit course Authorized by Pohang University of Science and Technology and offered through Coursera, POSTECH on 25<sup>th</sup> May 2020.
- Mr.N.Sai Pranay-17JJ1A0430, III/IV-ECE student participated in a Programming for everybody (Getting started with python) University of Michigan and offered through Coursera on 12<sup>th</sup> June 2020.
- Mr.N.Sai Pranay-17JJ1A0430, III/IV-ECE student participated in a Python data structures University of Michigan and offered through Coursera on 20<sup>th</sup> June 2020.
- Ms.G.Rithika-18JJ5A0406, III/IV-ECE student participated in a C Tutorial course conducted by Solo Learn on 21<sup>st</sup> April 2020.
- Ms.G.Rithika-18JJ5A0406, III/IV-ECE student participated in a Career edge-Knockdown the Lockdown, online course conducted by TCS iON from 22<sup>nd</sup>-28<sup>th</sup> May 2020.

## JNTUH College of Engineering, Sultanpur



Dr. B. Balu Naik, Professor&Principal and Staff members of JNTUH CES.



Ligthing of Lamp by Dr. B. Balu Naik, Professor & Principal and the Lady Staff members of JNTUH on International Womens' Day Celebrations.

### New Infrastructure Development in the College/Unit

- New Cabins (11 cabins or 851 s.f.t) are built for staff members of Department of Sciences and Humanities with expenditure of **Rs. 2, 84,000/-** in month June 2020.

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

- Dr.M.Shailaja, Professor of ME, organized One Week Online FDP on "SCILAB" in association with Spoken Tutorial IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020 with 1500 participants.
- Dr.M.Shailaja, Professor of ME, organized One Week Online FDP on "MOODLE-LMS" in association with Spoken Tutorial IIT Bombay from 10<sup>th</sup>-15<sup>th</sup> June 2020 with 1500 Participants.

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

- Mr.Ajmeera Ravinder, Assistant Professor (C), attended a Three Day International Online FDP on “Recent Trends in Concrete Technology and Environmental Engineering” Coimbatore from 2<sup>nd</sup>-4<sup>th</sup> July 2020.
- Mr.Ajmeera Ravinder, Assistant Professor (C), attended a One Day International Webinar on “Pavement Material Quality and Testing” organized by Pallavi Engineering College Nagole, Kuntloor (V), Abulapurmet (M), Near Hayatnagar, R.R, Telangana on 3<sup>rd</sup> July 2020.
- Mr.Sangem Arun Kumar, Assistant Professor (C), attended National level Scilab-An Open Source Substitute for Matlab.
- Ms.Soniya Grace, Assistant Professor (C), attended a Five Day National level FDP on “Emerging Technologies in Civil Engineering and Applications (ETCA)” organized by Vageswari

- college of Engineering Karimnagar from 22<sup>nd</sup> - 26<sup>th</sup> June 2020.
- Ms.Soniya Grace, Assistant Professor (C), attended a Two Day National level FDP on Interactive session on “living integrally” organized by JB institute of Engineering & Technology Hyderabad from 27<sup>th</sup> -28<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Week National Level FDP on “Smart Materials & Construction” organized by Vardhaman College of Engineering, Shamshabad, Hyderabad from 25<sup>th</sup> June to 1<sup>st</sup> July 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a Three Day National level FDP on “Pavement Design, Construction and Maintenance” organized by VBIT, Hyderabad from 25<sup>th</sup> -27<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Week National level FDP on “Performance of Extreme Structures under Loading” organized by VBIT Hyderabad from 8<sup>th</sup>- 13<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Week National level FDP on “SCI LAB” organized by JNTUH CES, Sangareddy from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Week National level FDP on “Moodle Learning Management Sytems” organized by JNTUHCES, Sangareddy from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a Two Day National Level Seminar on “Aspects of New Era In Transportation Engineering” DPU, PUNE from 9<sup>th</sup>- 10<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Day National Level Webinar on “Climate Change & Food System” organized by Methodist College, Hyderabad on 6<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Day National Level Webinar on “Fundamentals of GIS” organized by Methodist College, Hyderabad on 6<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Day National Level Webinar on “Sustainable Construction& Net Zero Energy Buildings”, organized by Kkr & Ksr Institute of Technology and Sciences, Guntur on 19<sup>th</sup> June 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a Five Day National Level Webinar on “Geo Environmental Engg” organized by Sri Ramakrishna Engineering College Coimbatore from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a Seven Day National Level Webinar on “Bharatheeya Chaithanyam” organized by CBIT, Hyderabad from 29<sup>th</sup> June to 5<sup>th</sup> July 2020.
  - Ms.Soniya Grace, Assistant Professor (C), attended a One Day National Level Webinar on “How to Improve Teaching Skills”, organized by MLR Institute of Technology, Hyderabad on 24<sup>th</sup> June 2020.
  - Mr. Depavath Jagan, Assistant Professor (C), attended a National “Moodle Learning Management System” organized by JNTUH CES from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Mr.M.Hari Bharghav, Assistant Professor (C), attended a National level FDP on “Moodle Learning Management System” online- youtube from 10<sup>th</sup> - 15<sup>th</sup> June 2020.
  - Mr.M.Hari Bharghav, Assistant Professor (C), attended a One Week National level FDP on “smart materials in construction” online- zoom from 25<sup>th</sup> June to 1<sup>st</sup> July 2020.
  - Ms.Tekulapally Sujatha, Assistant Professor (C), attended an “Emerging Technologies in Civil Engineering” organized by JB Institute of Engineering and Technology, Hyderabad from 1<sup>st</sup>-6<sup>th</sup> June 2020.
  - Ms.Tekulapally Sujatha, Assistant Professor (C), attended a National “Now and Future: Climate Change and Food Systems” organized by Methodist College of Engineering and Technology, Hyderabad on 6<sup>th</sup> June 2020.
  - Ms.Tekulapally Sujatha, Assistant Professor (C), attended a National “Fundamentals of Geographic Information System” organized by Methodist College of Engineering and Technology, Hyderabad on 6<sup>th</sup> June 2020.
  - Ms.Tekulapally Sujatha, Assistant Professor (C), attended a National “Moodle Learning management system” organized by JNTUH College of Engineering sultanpur, Sangareddy, Hyderabad from 10<sup>th</sup>-15<sup>th</sup> June 2020.
  - Ms.Tekulapally Sujatha, Assistant Professor (C), attended a National “Smart Materials in Construction” organized by Vardhaman College of Engineering, Shamshabad, Hyderabad from 25<sup>th</sup> June to 1<sup>st</sup> July 2020.
  - Mr.Avinash Joshi, Assistant Professor (C), attended an “Asce Infra Structure Report Card” on 25<sup>th</sup> June 2020.
  - Mr.Avinash Joshi, Assistant Professor (C), attended a “Smart Materials in Construction” from 25<sup>th</sup> June to 1<sup>st</sup> July 2020.
  - Mr.Avinash Joshi, Assistant Professor (C), attended a “Recent Advancements in Civil Engg” from 24<sup>th</sup>-26<sup>th</sup> June 2020.
  - Ms.Ariga Lakshmi, Assistant Professor (C), attended an International webinar on “Seismic Response on Retaining Walls” Bangalore on 6<sup>th</sup> June 2020.
  - Ms.Ariga Lakshmi, Assistant Professor (C), attended a National level FDP on “Moodle Learning

- Management System” organized by JNTUH CES, Sangareddy from 10<sup>th</sup>-15<sup>th</sup> June 2020.
- Ms.Ariga Lakshmi, Assistant Professor (C), attended online FDP on “Innovative Technologies in Civil Engineering and its Application (ITCA)” organized by St. Peters Engineering College from 1<sup>st</sup> -5<sup>th</sup> June 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended a One Week FDP on “Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS” organized by Government College of Engineering, Karad & Rajikiya Engineering College, Azamgarh from 13<sup>th</sup>-17<sup>th</sup> June 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended a One Week FDP on "SCI LAB" organized by JNTUH CES and spoken tutorial IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended a Three Day FDP on "Artificial Intelligence” organized by Lendi Institute from 15<sup>th</sup>-17<sup>th</sup> June 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended an Online FDP on "Advanced Manufacturing Technology" organized by Karpagam College of Engineering Coimbatore from 28<sup>th</sup> June to 4<sup>th</sup> July 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended a Five Day FDP on "Non-Destructive Testing" organized by Arasu Engineering College from 6<sup>th</sup>- 10<sup>th</sup> July 2020.
  - Ms.G.Mehershilpa, Assistant Professor (C), attended a One Week FDP on “Materials: Recent Trends & Engineering Applications” organized by Gokaraju Rangaraju Institute of Engineering and Technology from 2<sup>nd</sup>-7<sup>th</sup> June 2020.
  - Ms.Kaleru Aparna, Assistant Professor (C), attended One Week FDP on "SCI LAB" organized by JNTUH CES and spoken tutorial IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Ms.Kaleru Aparna, Assistant Professor (C), attended a Spoken Tutorial IIT Bombay -Sponsored by JNTUH CES-FDP- Moodle Learning Management System from 10<sup>th</sup>-15<sup>th</sup> June 2020.
  - Ms.Kaleru Aparna, Assistant Professor (C), attended Teaching Etiquette and Best Practices Organized by Santhiram Engineering College, Nandyal in Collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad from 10<sup>th</sup>- 15<sup>th</sup> May 2020.
  - Mr.Devi Singh, Assistant Professor (C), attended a National FDP on “Moodle Learning Management System”, online organized by JNTUH College of Engineering Sulthanpur from 10<sup>th</sup>-15<sup>th</sup> June 2020.
  - Mr.Devi Singh, Assistant Professor (C), attended a National FDP on “Advancement in Science and its Application in Engineering” online organized by Hyderabad Institute of Technology & Management Hyderabad from 22<sup>nd</sup> -26<sup>th</sup> June 2020.
  - Mr.K.Prabhu, Assistant Professor (C), attended a FDP National “Moodle Learning Management System” organized by JNTUH College of Engineering Sultanpur from 10<sup>th</sup>-15<sup>th</sup> June 2020.
  - Mr.K.Prabhu, Assistant Professor (C), attended a FDP on “Advancement Science and its Applications in Engineering” organized by Hyderabad Institute of Technology and Management, Medchal, Hyderabad from 22<sup>nd</sup>- 26<sup>th</sup> June 2020.
  - Mr.Mohan Das Talari, Assistant Professor (C), attended a webinar on “How to Improve Teaching Skills” organized by Department of Electronics and Communication Engineering on 24<sup>th</sup> June 2020.
  - Mr.Mogiligidda Dattu Reddy, Assistant Professor (C), attended a “Moodle Learning Management System Research Opportunities in Image Processing and Machine learning”
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a FDP on “Online tools and software for Remote Teaching-learning” organized by JNTUH from 24<sup>th</sup> -25<sup>th</sup> April 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a FDP on “SCILAB-An open source substitute for Matlab” organized by JNTUH CES, Sangareddy, Telangana from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a FDP on “Moodle Learning Management System, organized by JNTUH CES, Sangareddy from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a National FDP on "3D EM simulation using CST STUDIO SUITE" organized by KL University, A.P. from 22<sup>nd</sup>-26<sup>th</sup> June 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a Webinar on "Recent Trends in High Frequency Applications" organized by Manipal University, Jaipur on 25<sup>th</sup> June 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a Webinar on "R & D in Electronics Engineering for Academic Institutions in the Current Covid-19 Scenario" organized by RNSIT, Bangalore on 25<sup>th</sup> June 2020.
  - Ms.Elagandula Aparna, Assistant Professor (C), attended a National Workshop on “Applications of Power Electronics in Engineering” organized by Mandsaur University, Madya Pradesh on 28<sup>th</sup> June 2020.
  - Ms.Yagnasri Archana, Assistant Professor (C), attended a One Week International FDP on “Renewable Energy Application in Smart Grid,



- Micro Grid and EVs (REASGMGEV-2020)” organized by Department of Electrical and Electronics Engineering, of GMR Institute of Technology, Rajam from 13<sup>th</sup>-17<sup>th</sup> July 2020.
- Ms.Yagnasri Archana, Assistant Professor (C), attended a Five Day FDP on “Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-Vehicles” organized by Department of Electrical and Electronics Engineering, Bapatla Engineering College, Bapatla from 1<sup>st</sup> -5<sup>th</sup> June 2020.
  - Ms.Yagnasri Archana, Assistant Professor (C), attended a Five Day IGEN PIT FDP on “Renewable Energy Comprising of 20 Element Speakers” organized by the Institution of Technology Green Engineers Collaboration with Panimalar Institute of Technology from 8<sup>th</sup> -12<sup>th</sup> June 2020.
  - Ms.Yagnasri Archana, Assistant Professor (C), attended a One Week online STTP on “Recent Developments and Entrepreneurship in Sustainable Green Energy Technologies and Smart Grids” organized by Department of Electrical and Electronics Engineering BVRIT, Telangana from 17<sup>th</sup> -22<sup>nd</sup> August 2020.
  - Ms.Yagnasri Archana, Assistant Professor (C), attended a Webinar on “Impact of Covid-19 on the future of Higher Education-Challenges and Opportunities” on 4<sup>th</sup> July 2020.
  - Ms.Yagnasri Archana, Assistant Professor (C), attended a National level FDP on online Training on “Moodle Learning Management Systems” organized by JNTUH College of Engineering in association with Spoken Tutorial Project IIT Bombay from 10<sup>th</sup> - 15<sup>th</sup> June 2020.
  - Ms.G.Priyanka Jeeva Karunya, Assistant Professor (C), attended a FDP on “Moodle Learning Management System” organized by JNTUH CES, Sangareddy from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.G.Priyanka Jeeva Karunya, Assistant Professor (C), attended a One Week Online FDP on "SCI LAB" organized by JNTUH CES and Spoken Tutorial IIT Bombay from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Ms.Komuravelli Mounika, Assistant Professor (C), attended a One Week National FDP on “PHP & MYSQL” webinar from 18<sup>th</sup>-23<sup>rd</sup> May 2020.
  - Ms.Shumama Ansa, Assistant Professor (C), attended One Week National level FDP on “Moodle Learning Management System” organized by JNTUH CES from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.Faiza Iram, Assistant Professor (C), attended a One Week National level FDP on “Moodle Learning Management System” organized by JNTUH CES from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.Kashini Neeraja, Assistant Professor (C), attended a One Week National level FDP on “Moodle Learning Management System” organized by JNTUH CES from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended a FDP on “Cyber Security” organized by Shreyas Institute of Engineering and Technology, Hyderabad on 19<sup>th</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended a “Design Thinking Approaches in Engineering” organized by Shri Vittal Education and Research College of Engineering, Maharashtra on 22<sup>nd</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended a “Role of Machine Learning and Data Science in AI” organized by MGIT, Hyderabad on 28<sup>th</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended a National Webinar on “Understanding Business Analytics” organized by Andhra Mahila Sabha Arts and Science College for Women Osmania Campus Hyderabad on 24<sup>th</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended an “Active Listening Skills” organized by Sri Krishnasamy Arts and Science College Maduari University, Sattur on 25<sup>th</sup> June 2020.
  - Ms.Bathini Sangeetha, Assistant Professor (C), attended a “Modern Perspective to Finite Element Method and its Engineering Applications” organized by SRMTRP, Trichy on 26<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week FDP National “PHP & MYSQL” organized by JNTUH CEJ, Jagtial from 18<sup>th</sup>- 23<sup>rd</sup> May 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week National FDP on “SCI LAB an Open Source Substitute for MATLAB” organized by JNTUH CES, Sultanpur from 25<sup>th</sup>- 30<sup>th</sup> May 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week National FDP on “MOODLE Learning Management System” organized by JNTUH CES, Sultanpur from 10<sup>th</sup>-15<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a Five Day National FDP on “Network Security” organized by Panimalar Engineering College from 15<sup>th</sup>-19<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week National FDP on “Role Of Machine Learning and Data Science In AI” organized by MGIT, Hyderabad from 28<sup>th</sup> June to 2<sup>nd</sup> July 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week National FDP on “IT Industry Real Time Tools” organized by BIET, Hyderabad from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a One Week National FDP on “Emerging Trends in Computer Science and Information



- Technology” organized by KPRIT, Hyderabad from 29<sup>th</sup> June to 4<sup>th</sup> July 2020.
- Mr.S.Hari Krishna, Assistant Professor (C), attended a Five Day National FDP on “Cloud Computing with AWS” organized by MIST, Hyderabad from 30<sup>th</sup> June to 4<sup>th</sup> July 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a Five Day National FDP on “Recent Trends in Computer Science” organized by RGM CET, Kurnool from 30<sup>th</sup> June to 4<sup>th</sup> July 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National Workshop on “The Growing Role of IOT in COVID-19 and Health Care” organized by Rajiv Gandhi Proudhyogiki Vishwa vidyalaya, Bopal from 8<sup>th</sup> June to 10<sup>th</sup> July 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Top Technology Trends in 2020” Galaxy top corner, Thiruchirapally on 6<sup>th</sup> May 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Data Science and Career Opportunities” organized by Hindu College of Engineering and Technology, Kakinada on 6<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “IPR and Patent Drafting” organized by Oriental College of Technology, Bhopal on 8<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Android Programming Devoplopment” organized by Sagar Inistitute of Technology and Science, Bhopal on 9<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Understanding Fundamentals of Machine Learning” organized by S S Agrawal Institute of Engg. & Tech., Navsari on 9<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Data Science” organized by Data Science, Tamilnadu on 10<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Cloud Computing” organized by Hindu College Guntur on 13<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Machine Learning” organized by Loyola College, Chennai from 15<sup>th</sup>-16<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Leveraging AI&DS for better future” organized by Johnson Inst. of Tech., Coimbatore on 16<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on “Data Science using python” organized by Paavai Engg. College, Tamilnadu on 26<sup>th</sup> June 2020.
  - Mr.S.Hari Krishna, Assistant Professor (C), attended a National webinar on” Enterprise Infra Structure and Cloud Computing” organized by VITS, KNR, Karimnagar on 26<sup>th</sup> June 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended One Week FDP on “SCI LAB-An Open Source Substuite for MATLAB” organized by Spoken Tutorial Project IIT Bombay from 25<sup>th</sup> - 30<sup>th</sup> May 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Five Day FDP on “Cloud Computing with AWS” organized by CSE in association with Web Tek Labs.Pvt.Ltd.,Mahaveer Institute of Science & Technology, Vyasapuri, Bandlaguda, Hyderabad from 30<sup>th</sup> June to 4<sup>th</sup> July 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Week FDP on “Moodle Learning Management System” organized by JNTUH CES in association with Spoken Tutorial Project, IIT Bombay from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Two Day FDP on “Python for Researchers” organized by MNR CET, Sangareddy from 29<sup>th</sup> - 30<sup>th</sup> June 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor(C), attended a One Week FDP on “It Industry Real-Time Tools” organized by Bharat Institute of Engineering and Technology, Hyderabad from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Two Day FDP on “Database & RDBMS”organized by Mandsaur University MP from 27<sup>th</sup> -28<sup>th</sup> June 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Week FDP on “Role of Machine Learning and Data Science AI” organized by MGIT, Hyderabad from 28<sup>th</sup> June to 2<sup>nd</sup> July 2020.
  - Mr.Puppala Krupa sagar, Assistant Professor (C), attended a One Week FDP on “Advance in Python (Django & Flask,) Python for Data Science & Cyber Security” organized by Chadalawada Ramanamma Engineering College, Tirutpati in association with IIT-Bombay from 21<sup>st</sup> - 27<sup>th</sup> May 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Week FDP on “ICT TOOLS” organized by Sree Vidyanikethan Engineering College, Tirupati in association with STP-IIT Bombay from 11<sup>th</sup> - 16<sup>th</sup> May 2020.
  - Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Three Day FDP on “Machine Learning and Artificial Intelligence” organized by Andhra Loyola Institute of Engineering and Technology from 4<sup>th</sup>- 6<sup>th</sup> May 2020.

- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Five Day FDP on “Artificial Intelligence” organized by Vignan’s Institute of Engineering for Women in association with NYCI & Brain O Vision Solution India Pvt. Ltd. from 22<sup>nd</sup> - 26<sup>th</sup> May 2020
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Three Day FDP on “Internet of Things” organized by Anurag University, Hyderabad from 28<sup>th</sup>- 30<sup>th</sup> May 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Advanced Research Methodology” organized by Maxrein Research Institute and Consultancy Coimbatore on 1<sup>st</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Research Metrics in Scientific Publications” organized by MLRIT, Hyderabad on 27<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Advance Computer Science” organized by Holy Mary Institute of Technology and Science on 27<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Two Day FDP on “Programming in C” organized by Mandsaur University MP from 25<sup>th</sup> - 26<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Java Script” organized by Vaageswari College of Engineering Karimnagar on 13<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Online Quiz on IPR awareness” organized by Holy Mary Institute of Technology and Science on 12<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a Two Day FDP on “Database & RDBMS” organized by Mandsaur University MP from 27<sup>th</sup>-28<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One week FDP on “Cyber Security” organized by Narsimha Reddy Engineering College, Hyderabad from 22<sup>nd</sup> - 26<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “NDLI CLUB” organized by KSR College of Engineering on 6<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a One Day FDP on “Numerical Ability” organized by Manonmaniam Sundaranar University College on 1<sup>st</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (Contract) attended a One Day FDP on “Green Technology for Sustainability” organized by St. Xavier’s Catholic College of Engineering on 23<sup>rd</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National webinar on “n Impact of Document Image Processing in A Decade Research” organized by Vaagdevi Engineering College on 26<sup>th</sup> 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National webinar on “Introduction of AI Computer Vision and Robotics” organized by Shivajirao Kadam Institute of Technology & Management, Indore (MP) on 1<sup>st</sup> June 2020
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National webinar on “Data Science Using Python” organized by Paavai Engineering College (Autonomous) Pachal, Namakkal, Tamilnadu on 26<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National webinar on “Enterprise Infrastructure & Cloud Computin” organized by Amal Jyothi College of Engineering, Kanjirapally, Kottayam on 26<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National work shop on “Angular JS to develop web aaps faster” organized by TKR College of Engineering & Technology on 26<sup>th</sup> June 2020.
- Mr.Puppala Krupa Sagar, Assistant Professor (C), attended a National Refresher Courses on “Awareness Program of COVID-19” organized by All India Institute of Public & Physical Health Sciences on 16<sup>th</sup> June 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a FDP National “Moodle Learning Management System” organized by JNTUH College of Engineering, Sultanpur, Sangareddy from 10<sup>th</sup> - 15<sup>th</sup> June 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National Workshop on “Mathematical Analysis (MATANA 2020)” organized by Loyola College (Autonomous), Chennai from 8<sup>th</sup>-13<sup>th</sup> June 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National Short Term Course on “Essential Tools in Optimization” organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 25<sup>th</sup>-29<sup>th</sup> June 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National “Mathematics: A Practical Approach in Science and Technology” organized by Deogiri Institute of Engineering and Management Studies, Aurangabad (MH) from 28<sup>th</sup> June to 3<sup>rd</sup> July 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National “Intellectual Property Rights and Behavioral safety” organized by Government Degree College Sadasivpet, Telangana on 30<sup>th</sup> May 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National “Cyclic and Linear Sweep Voltammetry-Fundamentals & Applications”, organized by

- Bhaktavatsalam Memorial College for Women, Chennai on 31<sup>st</sup> May 2020.
- Mr.B.Veeresham, Assistant Professor (C), attended a National “Academic Writing and Research Methodology” organized by Tara Government College Sangareddy (Autonomous) on 5<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “Graphs from Commutative Rings” organized by Presidency College (Autonomous) Chennai on 10<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “Single and Two Species Population Models” organized by Vignan’s Institute of Management & Technology for Women, Hyderabad on 16<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “How to Improve Teaching Skills” on organized by MLR Institute of Technology, Hyderabad on 24<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended an International “Active Listening Skills” organized by Sri Krishnaswamy Arts and Science College, Sattur Madurai on 25<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “Modern Perspective to Finite Element method and its Engineering Applications” organized by SRM TRP Engineering College, Trichy on 26<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “Bridge course in Mathematics Module III: Matrices and Determinants” organized by Anand Institute of Higher Technology, Chennai on 27<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National “ICT Enabled Science Education in India” organized by SGTB Khalsa College, University of Delhi and Telangana Academy of Sciences, Hyderabad on 28<sup>th</sup> June 2020.
  - Mr.B.Veeresham, Assistant Professor (C), attended a National, “Preservation of Module Networks across Independent Datasets”, organized by Dr. B.R. Ambedkar National Institute of Technology Jalandhar, Punjab on 29<sup>th</sup> June 2020.
  - Dr. Mahesh Reddy, Assistant Professor (C), attended a National FDP “SCILAB-An open source substitute of MATLAB” organized by JNTUH College of Engineering Sultanpur, Sangareddy from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National FDP “Moving to Master Science in Technology (MMST: 2020)” organized by Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology, Vijayawada, A.P. from 18<sup>th</sup>-20<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National FDP “Moodle Learning Management System” organized by JNTUH College of Engineering Sultanpur, Sangareddy from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National Short Term Course on “Essential Tools in Optimization” organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 25<sup>th</sup>-29<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National “Workshop on Mathematical Analysis (MATANA2020)” organized by Loyola College (Autonomous) Chennai from 8<sup>th</sup>-13<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a Seminar National “ICT Enabled Science Education in India” organized by SGTB Khalsa College, University of Delhi and Telangana Academy of Sciences, Hyderabad on 28<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a International Webinar on “Active Listening Skills” organized by Sri Krishnaswamy Arts and Science College, Sattur, Madurai, Tamilnadu on 25<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Preservation of Module Networks across Independent Datasets” organized by Dr. B.R. Ambedkar National Institute of Technology Jalandhar, Punjab on 29<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Fascinating World of Mathematics and Its Applications to Blood Flows” organized by Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada, A.P. on 29<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Modern Perspective to Finite Element Method and its Engineering Applications” organized by SRM TRP Engineering College, Trichy, Kerala on 26<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on Bridge course in “Mathematics Module III: Matrices and Determinants” organized by Anand Institute of Higher Technology Chennai on 27<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Research and Publication Ethics in Science” organized by St. Albert’s College (Autonomous), Kochi, Kerala on 27<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Intellectual Property Rights and Behavioral safety” organized



- by Government Degree College Sadasivpet on 30<sup>th</sup> May 2020.
- Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Employability Impact on Covid-19” organized by Shanmuga Industries Arts and Science College Tiruvannamalai, Tamilnadu on 24<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a “Cyclic and Linear Sweep Voltammetry -Fundamentals & Applications” organized by Bhaktavatsalam Memorial College for Women, Chennai on 31<sup>th</sup> May 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Academic Writing and Research Methodology” organized by Tara Government College Sangareddy (Autonomous) on 5<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Recent Development in Mathematics and its Applications” organized by GITAM University Visakhapatnam, A.P. on 20<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Graphs from Commutative Rings” organized by Presidency College (Autonomous), Chennai on 10<sup>th</sup> June 2020.
  - Dr.Mahesh Reddy, Assistant Professor (C), attended a National webinar on “Single and Two Species Population Models” organized by Vignan’s Institute of Management & Technology for Women, Hyderabad on 16<sup>th</sup> June 2020.
  - Dr.J.Sai Chandra, Assistant Professor (C), attended an International Webinar on “Introduction to GIS Mapping” University of Toronto on 30<sup>th</sup> May 2020.
  - Dr.J.Sai Chandra, Assistant Professor (Contract) attended a FDP on “Artificial Intelligence and its Appliations” organized by St. Anns College of Engineering, Chirala from 6<sup>th</sup>-11<sup>th</sup> June 2020.
  - Dr.J.Sai Chandra, Assistant Professor (C), attended a FDP on “Moodle Learning management System” organized by JNTUH CES from 10<sup>th</sup> -15<sup>th</sup> June 2020.
  - Dr.J.Sai Chandra, Assistant Professor (C), attended an International “STTP Analytical Research Trends in Pharmaceutical Industry” organized by Bapatla College of Pharmacy Bapatla from 26<sup>th</sup> -28<sup>th</sup> June 2020.
  - Dr.J.Sai Chandra, Assistant Professor (C), attended a FDP on “Heat Transfer and Computational Fluid Dynamics towards Industrial Applications” organized by Sri Sairam Institute of Technology, Chennai, Tamilnadu from 12<sup>th</sup>-18<sup>th</sup> June 2020.
  - Dr.J.Sai Chandra, Assistant Professor (C), attended a FDP on “Role of Machine Learning & Data Sciences in AI” organized by MGIT, Hyderabad from 28<sup>th</sup> June to 2<sup>nd</sup> July 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a Five Day FDP on “Design Thinking Approaches in Engineering” organized by SVERI’s College of Engineering, Pandharpur, Maharashtra from 22<sup>nd</sup>- 26<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a FDP on “Heat Transfer and Computational Fluid Dynamics towards Industrial Applications” organized by Sri Sairam Institute of Technology, Chennai from 12<sup>th</sup>-18<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a FDP on “Interactive Session on Living Integrally” organized by JBIT, Hyderabad from 27<sup>th</sup> - 28<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a FDP on “SCI LAB” organized by Vardaman College of Engineering in association with IIT Bombay, Shamshabad, Hyderabad from 12<sup>th</sup>-16<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended an International STTP on “Analytical Research Trends in Pharmaceutical Industry” organized by Bapatla College of Pharmacy, Bapatla from 26<sup>th</sup>- 28<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended an International virtual conference on “Innovative Strategies in Chemical Science and Technologies” organized by Bhaktavatsalam Memorial College for Women, Chennai from 27<sup>th</sup>-28<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended an International webinar on “Emerging Trends in Chemistry Education and Research (ETCER)” organized by Wilson College, Mumbai from 25<sup>th</sup> - 26<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a National webinar on “Role of Composites in Modern Engineering Era” organized by Tirumala Engineering College, Jonnalagadda, Guntur A.P.on 29<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a National Webinar on “Lecture Series on Spectral Techniques” organized by Palamuru University, Mahbubnagar on 4<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a Webinar on “Electrochemistry Basics Principles Methods and Applications” organized by Vageshwari College of Engineering, Karimnagar on 28<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a Two Day National webinar on “Fluid Mechanics” organized by KGiSL Institute of Technology Coimbatore from 29<sup>th</sup>- 30<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended an International webinar on “Active



- Listening Skills” organized by Sri Krishna Samy Arts and Science College, Sattur on 25<sup>th</sup> June 2020.
- Mr.P.Praveen Kumar, Assistant Professor (C), attended a Webinar on “How To Improve Teaching Skills” organized by MLR Institute of Technology, Hyderabad on 24<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a Webinar on “Innovative Approaches for Effective Teaching” organized by Visakha Technical Campus, Visakhapatnam on 20<sup>th</sup> June 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a National webinar on “An Intellectual Property Rights and Behavioural Safety” organized by Govt. Degree College, Sadashivpet on 30<sup>th</sup> May 2020.
  - Mr.P.Praveen Kumar, Assistant Professor (C), attended a National webinar on “Academic Writing and Research Methodology” organized by Tara Govt. College, Sangareddy on 5<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “HRD through Training and Development” organized by NITTTAR kolkata from April 27<sup>th</sup> to 1<sup>st</sup> May 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “NBA Accreditation and SAR Preparation” organized by NITTTAR Kolkata, from 4<sup>th</sup>- 8<sup>th</sup> May 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “Organizational Behaviour” organized by NITTTAR Kolkata, from 11<sup>th</sup>- 15<sup>th</sup> May 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “Introduction of Accreditation Mechanism-NBA Approach” organized by NITTTAR Kolkata, from 18<sup>th</sup> - 22<sup>nd</sup> May 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “Evaluating Students' Performance” organized by NITTTAR Kolkata from 25<sup>th</sup> - 29<sup>th</sup> May 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a FDP on “Research Methodology: Tools and Techniques” M.V.Muthiah Government Arts College for Women, organized by Dindigul, Tamilnadu from 18<sup>th</sup>- 24<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a National Conference on “Small and Medium Enterprises” organized by St. Mary’s College, Hyderabad on 27<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a Three Day International webinar on "The Role of ICT in Education sector and its Impact on Students, Faculties and Policy makers" organized by St. Joseph's College of Arts and Science (Autonomous) Cuddalore. Tamilnadu from 1<sup>st</sup> - 3<sup>rd</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a 2<sup>nd</sup> International Conference on “Empirical and Theoretical Research” organized by IBERD, Tamilnadu from 4<sup>th</sup>-5<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a National Webinar on “Intellectual Property Rights” organized by Maratwada Mitra Mandal’s College of Commerce, Tamilnadu from 8<sup>th</sup>- 9<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended an International Webinar on "Communicative English skills for Engineering Students and Faculty" organized by MBITS, Kerala from 28<sup>th</sup>- 30<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended an International Webinar “How to Improve Teaching Skills” organized by MLRIT, Hyderabad on 25<sup>th</sup> June 2020.
  - Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), attended a National Webinar “Understanding Business Analytics" organized by Andhra Mahila Sabha, Hyderabad on 26<sup>th</sup> June 2020.
  - Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended One Week National FDP in “Online Training on LaTeX ” organized by Sanjay Godawat University Kolhapur from 27<sup>th</sup> April to 2<sup>nd</sup> May 2020.
  - Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended a One Week National FDP in online training on “Research Challenges and Opportunities Post Covid-19” organized by Research and Development Cell and Institutions Innovation Council of organized by Sri Vasavi Engineering College, Thadepallygudem from 4<sup>th</sup>-9<sup>th</sup> May 2020.
  - Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended a One Week National FDP in “Online Training on Engineering and Management Teaching Pedagogy-an Industry Perspective” organized by Department of Studies and Mechanical Engineering organized by Sri Sairam Institute of Technology Chennai from 11<sup>th</sup>-16<sup>th</sup> May 2020.
  - Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended a National FDP “SCI LAB-An Open Source Substitute of MATLAB” organized by JNTUH College of Engineering Sultanpur, Sangareddy from 25<sup>th</sup>-30<sup>th</sup> May 2020.
  - Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended a One Week National FDP in online training on “Taxonomy of Softwares Related to Mathematical Sciences” organized by Gokaraju Ranga Raju Institute of Engineering and Technology, Hyderabad from 9<sup>th</sup> -14<sup>th</sup> June 2020.

- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended One Week National FDP in online training on “Research Methodology Tools and Technology” organized by the Department of history M.V. Muthaiah Government Arts College for Women Dindigul, Tamilnadu from 18<sup>th</sup>-24<sup>th</sup> June 2020.
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended National webinar on “Differential Equations and Applications” organized by Malla Reddy Institute of Technology and Science, Hyderabad on 28<sup>th</sup> June 2020.
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended National webinar on “Patenting your Innovations” organized by St. Peters Engineering College, Hyderabad on 16<sup>th</sup> June 2020.
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended Two Day National webinar on “Fluid Mechanics” organized by Department of Science and Humanites, KGiSL Institute of Technology Chennai from 29<sup>th</sup>-30<sup>th</sup> June 2020.
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended National webinar on “Modelling and Simulation of fluid flows Using Partial Differential Equations” organized by CMR Engineering College Hyderabad on 25<sup>th</sup> June 2020.
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended National webinar on “Modern Perspective to Finite to Element Method and its Engineering Applications” organized by Department of Science and Humanities SRM,TRP Engineering College Thiruchi on 26<sup>th</sup> June 2020
- Mr.Vasa Vijaya Kumar, Assistant Professor (C), attended a National webinar on “Research and Publication Ethics in Science” organized by offices of deans research and training and development St. Alberts College Kerala on 27<sup>th</sup> June 2020.

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

- Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), delivered a talk on “Innovation and Entrepreneurship” organized by St. Mary’s Degree College, Secundrabad on 12<sup>th</sup> May 2020.
- Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), delivered a talk on “Revised Bloom’s Taxonomy” organized by St. Jospheh’s Degree College, Hyderabad on 15<sup>th</sup> May 2020.

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

- Ms.Soniya Grace, "A Geo Spatial Analysis of Ground Water Quality Mapping Using GIS" in Sangareddy District Vol. 9, Issue no.7, pp. 1150-1153, July 2020.
- Dr.Allam Joseph Praveen Kumar, Assistant Professor (C), “Innovation and Entrepreneurship” Shanlax International Journal of Management Vol 8 No 5 (2020) E-ISSN: 2581-9402, Page 61-68, June 2020.

#### **Conference Papers Presented by Faculty Members**

- Mr.Avinash Joshi, Dr.A.Aravindan, Avinash gornale- “Seismic Performance Evaluation of Plan asymmetric Rc Framed Structure” Emerging Trends in Civil Engineering from 26<sup>th</sup>-27<sup>th</sup> June K.L.U. Vijayawada.
- Ms.Kaleru Aparna, "Performance Analysis On Rate Of Heat Transfer For Shell And Tube Heat Exchanger By Increasing Number Of Tubes In Parallel& Counter Flow”, 4<sup>th</sup> National Conference On Recent Trends & Innovations In Mechanical Engineering, Nalla Narsimha Reddy Group Of Institutions, Hyderabad from 24<sup>th</sup>-25<sup>th</sup> July 2020.
- Dr.Allam Joseph Praveen Kumar, “Significance of Entrepreneurship Development in Higher Educational Institutions-An Avenue in Post Covid-19 Era: An Empirical Study Small and Medium Enterprises” St. Mary’s College, Hyderabad Paramount Publisher, page 28-35, 27/6/2020.

#### **Institute of Science and Technology New Infrastructure Development in the College/Unit**

##### **Center for Nano Science and Technology**

- Creation of Nano-Energy R & D lab (DST & AICTE Funded) with 3D Printers facility, for R & D activities, at the cost of **Rs. 2 Lakhs** in May 2020.



#### **New Equipment/Software Installed Center for Pharmaceutical Sciences**

- The Department of Center for Pharmaceutical Sciences installed Antivirus Software under IST FUNDS for Office use & Faculty rooms at the cost of **Rs. 10,237/-** in July 2020.

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

##### **Center for Nano Science and Technology**

- Dr.K.Venkateswara Rao, Professor of Nano Technology organized a National Two Day hands-on



Workshop on “Technology Enabled Learning Moodle Platform”, Chief Guest Dr.A.Govardhan, Registrar, JNTUH, from 8<sup>th</sup>-9<sup>th</sup> May 2020 at IST, JNTUH with 25 participants.



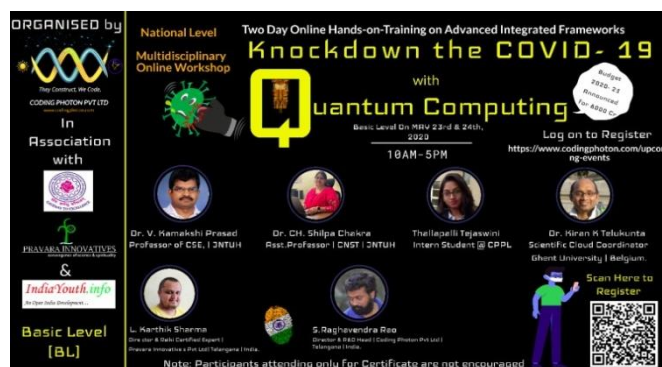
Two Day online hands-on Workshop Technology Enabled Learning Moodle Platform from 8<sup>th</sup> - 9<sup>th</sup> May 2020.

• Dr.K.Venkateswara Rao, Professor of NanoTechnology, organized a National Three Day online hands-on Workshop on “Second Technology Enabled Learning Moodle Platform”, Chief Guest Dr.A.Govardhan, Registrar, JNTUH, from 25<sup>th</sup>-27<sup>th</sup> May 2020 at IST, JNTUH with 25 participants.



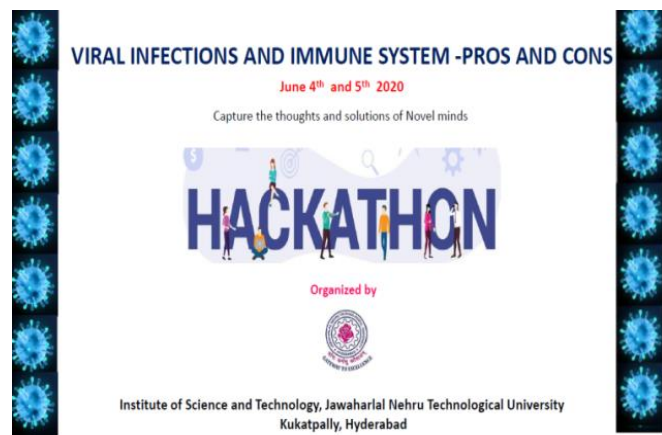
Three Day online hands-on Workshop Second Technology Enabled Learning Moodle Platform from 25<sup>th</sup> -27<sup>th</sup> May 2020.

• Dr.Ch Shilpa Chakra, Head of the Department and Assistant Professor of Nanotechnology, Organized Two Day online Hands on Training on “Advanced integrated frame works knock down the Covid-19 with quantum computing basic level” organized by Computer Science & CNST, IST, JNTUH, Chief Guest Dr.G.Krishna Mohan, Director, IST from 23<sup>rd</sup> - 24<sup>th</sup> May 2020 with 50 participants.



Two Day online Hands on Training on advanced integrated frame works knock down the Covid-19 with quantum computing basic level from 23<sup>rd</sup> -24<sup>th</sup> May 2020.

• Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology organized a Two Day National workshop on “Hackthon on Viral Infections and Immune System -Pros and Cons”, Chief Guests were Dr.A.Govardhan, Registrar, JNTUH, Mr.B.Srinivasa Rao Head, Global Business Operations, Natco Pharma Pvt Ltd from 4<sup>th</sup>-5<sup>th</sup> June 2020 at CNST, IST, JNTUH with 50 participants.



Two Day National workshop Hackthon on Viral Infections and Immune System -Pros and Cons from 4<sup>th</sup>-5<sup>th</sup> June 2020.

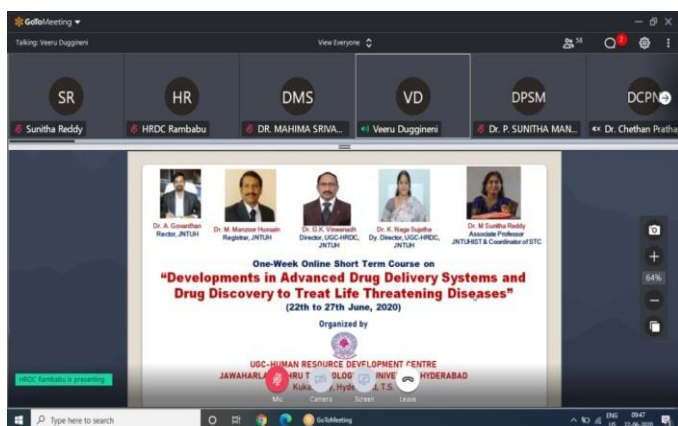


Two Day National workshop Hackthon on Viral Infections and Immune System -Pros and Cons from 4<sup>th</sup>-5<sup>th</sup> June 2020.

• Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology organized National Webinar on “Flexible Energy Storage Devices Event:”, Chief Guest Dr.G Krishna Mohan, Director, IST on 20<sup>th</sup> June 2020 at CNST, IST, JNTUH with 800 participants.

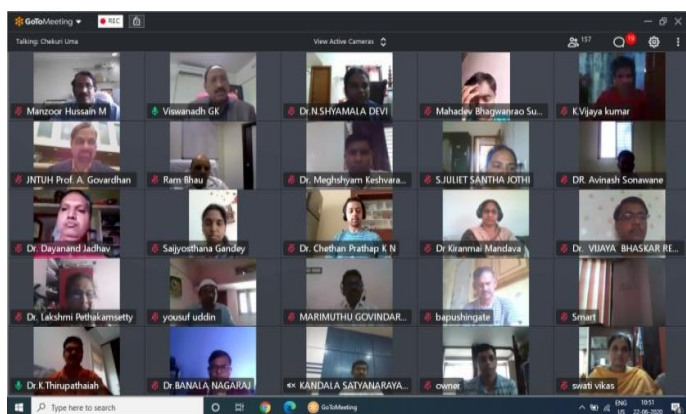
### Center for Pharmaceutical Sciences

• Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH , One week Short Term Course on “Developments in Advanced Drug Delivery Systems and Drug Discovery to Treat Life Threatening Diseases” organized by UGC HRDC, Rector & Registrar incharge Prof.A. Govardan was Chief Guest from 22<sup>nd</sup>-27<sup>th</sup> June 2020 with 160 participants.



One week online Short Term Course on “Developments in Advanced Drug Delivery Systems and Drug Discovery” from 22<sup>nd</sup> -27<sup>th</sup> June 2020.

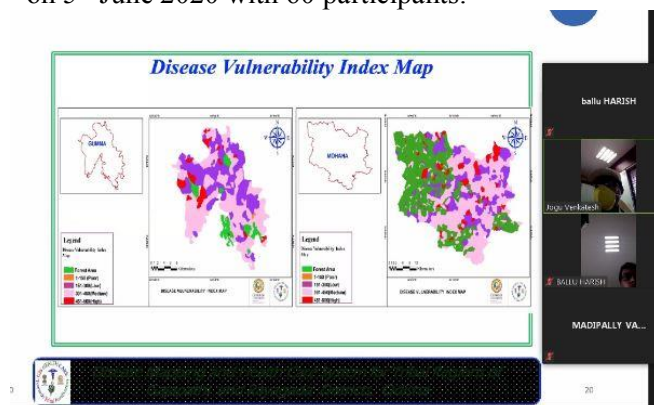
• Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH conducted online HACKATHON on “Viral Infections and Immune System-Pros and Cons” organized by CPS, IST, Rector & Registrar incharge Prof.A.Govardan was Chief Guest, Mr.B.Srinivas Rao, Global Head, Natco Pharma Ltd and Dr.J.Srikanth, MD, Progeneric Pharma Ltd were Guest of Honour from 4<sup>th</sup>-5<sup>th</sup> May 2020 and 50 teams participated.



### Centre for Spatial Information Technology

• Mr.J.Venkatesh, Assoc.Professor & Head One Day National “Advances in Geo-Spatial Technologies ”

organized by JNTUH, IST from funding TEQIP-III on 5<sup>th</sup> June 2020 with 60 participants.



### Details of Webinars/ Conferences/ Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty Centre for Biotechnology

- Dr.A.Uma, Associate Professor, participated in the International Conference on “COVID-19 outbreak and Global Consequences” at Aretex Scientific International Pvt. Ltd. Hyderabad on 5<sup>th</sup> April 2020.
- Prof.Archana Giri participated in “Now & Next Post COVID-19 Worlds for Digital Libraries and Sharing Experiences as Civil Servant” NPTEL on 14<sup>th</sup> May 2020.
- Prof.Archana Giri, participated in “Employability- a Startup Perspective” NPTEL on 08<sup>th</sup> May 2020.
- Prof.Archana Giri, participated in “What Companies Expect while hiring a candidate?” NPTEL on 28<sup>th</sup> April 2020.
- Prof. Archana Giri participated in “Popularization of Science” NPTEL on 21<sup>st</sup> April 2020.
- Prof.Archana Giri, participated in “Biology and AI” NPTEL on 16<sup>th</sup> April 2020.
- Dr.Ch.Kalyani, Assistant Professor (C), participated in Webinar on “Post COVID-19 Resurgence of Indian Industry and R & D” on 15<sup>th</sup> May 2020 at SRM University, AP.
- Dr.Ch.Kalyani, Assistant Professor (C), participated in Webinar on “Bioassay and Immunogenicity - A perspective” on 15<sup>th</sup> May 2020 at Vimta Labs, Hyderabad.
- Dr.Ch.Kalyani, Assistant Professor (C), participated in The National Level Webinar on “Novel Symptoms and Asymptomatic Carriers-Issues in COVID-19 Pandemic” on 7<sup>th</sup> May 2020 organized by Department of Microbiology, St. Pious X Degree & PG College for Women, Hyderabad.
- Dr.Suresh Babu, Assistant Professor (C), participated in an Online “Awareness Quiz Programme on Pandemic COVID-19” on 14<sup>th</sup> May 2020 organized by Quality Assurance Cell (IQAC) Changu Kana Thakur Arts, Commerce and Science College, Panvel.



- Dr. Anjaneyulu Musini, Assistant Professor (C), participated in an Online “Awareness Quiz Programme on Pandemic COVID-19” on 14<sup>th</sup> May 2020 organized by Quality Assurance Cell (IQAC) Changu Kana Thakur Arts, Commerce and Science College, Panvel.
  - Dr. Anjaneyulu Musini, Assistant Professor (C), participated in The National Level Webinar on “Novel Symptoms and Asymptomatic Carriers-Issues in COVID-19 Pandemic” on 7<sup>th</sup> May 2020 organized by Department of Microbiology, St. Pious X Degree & PG College for Women, Hyderabad.
  - Dr. Venkanna Banothu, Assistant Professor (C), participated in The National Level Webinar on “Novel Symptoms and Asymptomatic Carriers-Issues in COVID-19 Pandemic” on 7<sup>th</sup> May 2020 organized by Department of Microbiology, St. Pious X Degree & PG College for Women, Hyderabad.
  - Dr. Venkanna Banothu, Assistant Professor (C), participated in The International webinar on “Emerging Trends in Genetic Engineering” organized by Department of Biochemistry/Biotechnology/Microbiology on 30<sup>th</sup> June 2020.
  - Dr. P. Ranjit, Assistant Professor (C), participated in The International webinar on “Emerging Trends in Genetic Engineering” organized by Department of Biochemistry/Biotechnology/Microbiology on 30<sup>th</sup> June 2020.
  - Dr. Ch. Kalyani, Assistant Professor (C), participated in The International webinar on “Emerging Trends in Genetic Engineering” organized by Department of Biochemistry/Biotechnology/Microbiology on 30<sup>th</sup> June 2020.
  - Dr. K. Venkateswar Reddy, Assistant Professor (C), participated in the International E-conference on “Recent Trends in Drug Discovery, Diagnostics and Therapeutics: A Special Emphasis on COVID19” organized by the Department of Biotechnology, Vignan’s Foundation for Science, Technology & Research in association with Kansas State University, LLB School, AP Akademi of Sciences and Al-Quds University.
  - Dr. P. Ranjit, Assistant Professor (C), participated in the International E-conference on “Recent Trends in Drug Discovery, Diagnostics and Therapeutics: A special emphasis on COVID19” organized by the Department of Biotechnology, Vignan’s Foundation for Science, Technology & Research in association with Kansas State University, LLB School, AP Akademi of Sciences and Al-Quds University.
  - Dr. P. Ranjit, Assistant Professor (C), participated in a Five Day Online FDP cum Webinar Series on "Latest Trends and Future Prospects of Biotechnology" organized by Department of Biotechnology, National Institute of Technology AP from 6<sup>th</sup> -10<sup>th</sup> July 2020.
  - Dr. Venkateswar Reddy, Assistant Professor (C), participated in a Five Day Online FDP cum Webinar Series on "Latest Trends and Future Prospects of Biotechnology" organized by Department of Biotechnology, National Institute of Technology AP from 6<sup>th</sup> -10<sup>th</sup> July 2020.
  - Dr. A. Uma, Associate Professor (C), participated in One Week online Short Term Course on “Challenges in Discovery of Antiviral and Vaccines” from 8<sup>th</sup> - 13<sup>th</sup> June 2020 organized by UGC HRDC.
  - Prof. Archana Giri, “NPTEL Special lecture series Social Entrepreneurship opportunities, IIT Kharagpur on 29<sup>th</sup> June 2020.
  - Prof. Archana Giri attended a National Webinar on “ICT Enabled Science Education in India Telangana Academy of Sciences” on 28<sup>th</sup> June 2020.
  - Prof. Archana Giri, attended a NPTEL program on “Creating and growing new ventures in post covid scenario” IIT Kharagpur on 24<sup>th</sup> June 2020.
- Centre for Environment**
- Prof. Ch. Sasikala, attended a Webinar by Tiny Earth Initiative, on “How to help Students Recognize and Mitigate Stress and Trauma” on 30<sup>th</sup> April 2020.
  - Prof. Ch. Sasikala, attended a Virtual Session on “Leveraging the Power of IPs for a Sustainable and Unprecedented World to Commemorate World IP Day 2020” on 27<sup>th</sup> April 2020.
  - Prof. Ch. Sasikala, attended a “TiETalksEdu: Transformation of Education & Role of E-Learning Post COVID19” on 5<sup>th</sup> May 2020 at 6 pm to 7pm.
  - Prof. Ch. Sasikala, attended a Webinar on “Best Practices for IP Portfolio Management for Institutes/Colleges/ Universities” by Tarun Khurana on 9<sup>th</sup> May 2020 at 11: 00 am.
  - Prof. Ch. Sasikala, attended a Webinar on “Employability -a Startup Perspective” by Mr. Bharat Joshi, Director, VuNet Systems on 9<sup>th</sup> May 2020 at 6 pm.
  - Prof. Ch. Sasikala, attended a Webinar with “Sadhguru in Challenging Times-Insights for Entrepreneurs” on 10<sup>th</sup> May 2020 at 8:30 pm.
  - Prof. Ch. Sasikala, attended a Webinar on “The Science & Technology of Plastics & Techniques/best Practices of Plastics Pollution Assessment and Investigation” on 12<sup>th</sup> May 2020 at 2:30 pm, India Time (Mumbai, GMT+05:30).
  - Prof. Ch. Sasikala, attended a Webinar on “Community Perceptions and Behavioral Aspects for Plastic Management and Promotion of Countermeasures to Address Plastic Litter” on 14<sup>th</sup> May 2020 at 2:30 pm to 5:30 pm.
  - Prof. Ch. Sasikala, attended an "Internationalization of Higher Education in the Post COVID-19 Era: Challenges and Opportunities for India" on 14<sup>th</sup> May 2020 at 6:00 pm to 7:30 pm.

- Prof.Ch.Sasikala, attended a Webinar on “Role of Project Management in Drug Development Process” on 15<sup>th</sup> May 2020 at 10 am to 11:30 am
- Prof.Ch.Sasikala, attended a Webinar on “Activities and Best Practices to Counter Plastics Litter by Sustainable Waste Management and Circularity” on 16<sup>th</sup> May 2020 at 2:30 pm to 5:30 pm.
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture series: Entrepreneur experience- IDLI/ DOSABATTER: Shift from homemade to readymade - Mr. PC Musthafa, CEO & Founder, ID Fresh Food on 17<sup>th</sup> May 2020 at 4:30 pm.
- Prof.Ch.Sasikala, attended a “Assessment of Plastic Pollution Impact on Natural Capital and Riverine and Marine Ecosystems Needing Policy Intervention” on 18<sup>th</sup> May 2020 at 2:30 pm
- Prof.Ch.Sasikala, attended a “Impact of COVID-19 on Plastics Consumption, Innovation, Logistics and Waste Generation and Related Challenges” on 20<sup>th</sup> May 2020 at 2:30 pm
- Prof.Ch.Sasikala, attended a “Scenarios to Counter Plastics Litter in River and Marine Environment by Overcoming Barriers and Identifying Enabling Measures” on 22<sup>nd</sup> May 2020.
- Prof.Ch.Sasikala, attended an “IP Portfolio Management for Academia” organised by Khurana and Khurana on 25<sup>th</sup> May 2020.
- Prof.Ch.Sasikala, attended a National Policy Workshop on “Virtual on Counter measures for Riverine and Marine Plastic Litter in India” from 12<sup>th</sup>-22<sup>nd</sup> May organised by National Productivity Council New Delhi and sponsored by UNEP India.
- Prof.Ch.Sasikala, attended a Three Day online hands-on workshop on “Second Technology Enabled Learning: Moodle Platform” from 25<sup>th</sup>- 27<sup>th</sup> May 2020.
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture Series- “Careers amid COVID-19”, by Mr.Chaitanya Sreenivas, VP HR & HR Head, India and South Asia, IBM, on 5<sup>th</sup> June 2020 at 6 pm.
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture Series “What are the Skills for the Future & New Ways of working” Dr.Augustus G S Azariah Human Resources Leader, by IBM on 19<sup>th</sup> June 2020 at 6:00 pm.
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture Series “Introduction to Birdwatching as a Hobby and Scienc” Dr. SuhelQuader Senior Scientist, Nature Conservation Foundation on 17<sup>th</sup> June 2020 at 6:00 pm.
- Prof.Ch.Sasikala, attended a Virtual Session on “Self Empowerment through Self Motivation: a Journey towards Realization” organized by IST, JNTU Hyderabad on 19<sup>th</sup> June 2020 at 4:45 pm to 6:15 pm.
- Prof.Ch.Sasikala, attended a Six Day FDP on “Course Structuring, Teaching and Evaluation in HEI as per OBE ” from 11<sup>th</sup>-17<sup>th</sup> June 2020, in association with Indian Society for Technical Education (ISTE) and MHRD Institution’s Innovation Council (MIC) organized by Malla Reddy College Of Engineering, Maisammaguda, Dhulapally.
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture Series opicWhat are the Skills for the Future & New Ways of working. By Dr.Augustus G S Azariah Profession Human Resources Leader on 18<sup>th</sup> June 2020.
- Prof.Ch.Sasikala, attended a “Municipal Solid Wastes Management using SWM and C&D waste Management Rules 2016” on 17<sup>th</sup> June 2020 at 11:00 am, India Time (Mumbai, GMT+05:30)
- Prof.Ch.Sasikala, attended a CII Education Summit “Redefining Education for the Emerging World on Virtual Platform” on 25<sup>th</sup> June 2020 at 10:00 am
- Prof.Ch.Sasikala, attended a NPTEL Special Lecture Series: What are the Skills for the Future & New Ways of working. By Dr.Augustus G S Azariah Profession Human Resources Leader on 18<sup>th</sup> June 2020.
- Prof.Ch.Sasikala, attended a "National Webinar on “ICT Enabled Science Education in India” by Telangana Academy of Science on 28<sup>th</sup> June 2020 at 02:00 pm India.
- Prof.Ch.Sasikala, attended a National Webinar on "ICT Enabled Science Education in India", jointly organizing by Guru AngadDev Teaching Learning Centre (GAD-TLC) of MHRD, Govt. of India and Telangana Academy of Sciences, Hyderabad on 28<sup>th</sup> June 2020 at 2:00 pm to 6:00 pm.
- Prof.Ch.Sasikala, attended a Launch of an exciting and new Online Initiative from IIT Madras. The launch on 30<sup>th</sup> June 2020 at 11am.
- Prof.Ch.Sasikala, attended a Three day online hands-on workshop on “Second Technology Enabled Learning: Moodle Platform” from 25<sup>th</sup>- 27<sup>th</sup> May 2020.
- Prof.Ch.Sasikala, attended a National Policy Workshop (Virtual on Counter measures for Riverine and Marine Plastic Litter in India, 12<sup>th</sup>-22<sup>nd</sup> May), organised by National Productivity Council New Delhi and sponsored by UNEP India. NPTEL Special Lecture Series- “Careers amid COVID-19”, by Mr.ChaitanyaSreenivas,VP HR & HR Head, India and South Asia , IBM, on 5<sup>th</sup> June 2020 at 6 pm.
- Dr.V.Himabindu, Professor attended a E Workshop on Mainstreaming Innovation for Adoption of Low Carbon Technologies" organized by UNIDO, BEE and CII, Hyderabad on 22<sup>nd</sup> May 2020.

- Dr.V.Himabindu, Professor attended a Webinar online course on “Advances in Battery & Supercapacitor Research” organized by Metrohm Singapore on 5<sup>th</sup> June 2020.
- Dr.V.Himabindu, Professor, Attended a Webinar online on discuss the relevance of Testing Sewage for Prevalence of RNA of Coronavirus - a pathway for municipalities to consider, organized by Water Aid India, Hyderabad on 8<sup>th</sup> June 2020.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a Five Day Virtual Training Sessions - Best Practices in Environmental Sustainability from 24<sup>th</sup>-29<sup>th</sup> April 2020 by Confederation of Indian Industries.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a Webinar on”Unlocking the Lockdown through E-Examination" on 20<sup>th</sup> April 2020 by MHRD/NPIU.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a The Indian Space Industry Coming to the Forefront" on 12<sup>th</sup> May 2020 by co-organized by Elsevier and AICTE.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a “Webinar on Research Workflows, Research Metrics & Excellence in Academic Institutes” on 12<sup>th</sup> May 2020 by Bridge India, UK.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended an e-Sessions on Innovation/ IPR/ Startup on 12<sup>th</sup> May 2020 by MHRD/AICTE.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a Webinar on Operational Flood Forecasting on 13<sup>th</sup> May 2020 by UNEP-DHI, Netherlands.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a “Building Resilience through Self- Motivation” on 13<sup>th</sup> May 2020 by CII, India.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended an Internationalization of Higher Education in the Post COVID-19 Era: Challenges and Opportunities for India" on 14<sup>th</sup> May 2020 by Jio Institute India.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended a Workshop on The Rise of Drones on 15<sup>th</sup> May 2020 by GeoSmart India.
- Dr.T.Vijaya Lakshmi, Associate Professor, attended an "Online Breath & Meditation Workshop" with Art of Living Foundation from 13<sup>th</sup>-16<sup>th</sup> May 2020 by Art of Living India.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Climate change, Disaster and Pandemic management: Technological Interventions for Sustainable Development from 20<sup>th</sup>-24<sup>th</sup> April 2020 by NITTTR, Chandigarh.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Virtual Conference on the occasion of World IP Day on 28<sup>th</sup> April 2020 by Sagacious IP Webinar, Gurugram, Haryana.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a “Sustainable Water Solutions Webinar Series: Trade waste and waste water management on 8<sup>th</sup> May 2020 by ISLE / Water Alliance & PBSB.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended an Two Day International Workshop on COVID-19 Mass Disaster & Pandemic Management (Challenge for immediate future) from 5<sup>th</sup>-6<sup>th</sup> May 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Wellness and Stress Management from 27<sup>th</sup> April to 1<sup>st</sup> May 2020 by NITTTR, Chandigarh.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a One Day conference on How MSME can innovate and lead India in to Green Future on 28<sup>th</sup> April 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a One Day webinar on Environment Educators on Environment, Development and Climate Change in the Context of COVID-19 on 13<sup>th</sup> May 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on Recent Advancesments, Challenges and Opportunities for Engineers in Environment from 19<sup>th</sup> - 20<sup>th</sup> May 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on Increasing Crop Yield Using Modern Techniques in Agriculture on 17<sup>th</sup> May 2020 in organized by Himalayan University, Arunachal Pradesh.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended an FDP on Recent & Emerging Trends in Civil Engineering from 28<sup>th</sup>-30<sup>th</sup> May 2020.
- Dr .A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on Gap between Industry Dynamics and University Curriculum on 3<sup>rd</sup> June 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a One Day webinar on World Environment Day on 5<sup>th</sup> June 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Five Day FDP on Design, Develop and Deliver online courses from 22<sup>nd</sup> - 26<sup>th</sup> June 2020.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on Time for Biodiversity on 8<sup>th</sup> June 2020 organized by Telangana state Biodiversity Board.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on Creating Virtual Learning Environment on 5<sup>th</sup> June 2020 by SGSW University Punjab.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a One Day webinar on Post COVID-19: Towards better Governance for Environmental Managment and Biodiversity Conservation on 4<sup>th</sup> June 2020 by Gautham Buddha University, Greater Noida, UP, India.

- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a National E-Symposium on Urban and Rural Governance: Issues and challenges on 13<sup>th</sup> June 2020 by Adamas University, Kolkata.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a Webinar on How to Improve Teaching Skills on 24<sup>th</sup> June 2020 by MLR Institute of Technology, Hyderabad.
- Dr.A.Vamshi Krishna Reddy, Assistant Professor attended a One Week FDP on Eco-Enviro Sustainability from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020 by IPS Academy Institute of Engineering & Sciences, India.
- Dr.R.Ravi Varma completed NPTEL Online Certification - “Environmental Quality Monitoring and Analysis” April 2020.
- Dr.R.Ravi Varma, Associate Professor, Centre for Environment, IST attended “ National Level One Week FDP on "SCI LAB- An Open Source Substitute for MATLAB” JNTUH College of Engineering Sultanpur, In Association with IIT Bombay from 25<sup>th</sup> -30<sup>th</sup> May 2020.

### **Center for Nano Science and Technology**

- Dr.K.Venkateswara Rao, Professor of Nano Technology, attended one week FDP on “Making Higher Education Value Based, Innovative & Research Oriented for Resurgence organized by Maharaja Agrasen Institute of Management Studies” New Delhi from 24<sup>th</sup> -30<sup>th</sup> June 2020.
- Dr.K.Venkateswara Rao, Professor of Nano Technology, attended Five Day webinar series on “Advances in Materials and Science and Technology” organized by UPES Dehradun from 22<sup>nd</sup>-26<sup>th</sup> June 2020.
- Dr.K.Venkateswara Rao, Professor of Nano Technology, attended online Quiz on “Physics in Everyday Life” organized by IQAC & Department of Physics (Un-Aided) of Sarah Tucker College, (Autonomous) Tirunelveli from 12<sup>th</sup> -18<sup>th</sup> June 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended online five day FDP on “Post Covid 19 Challenges in Science and Technology” organized by Faculty of Engineering and Technology Jain (Deemed University) from 15<sup>th</sup> -19<sup>th</sup> June 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended the webinar on “Advances in Crystal Growth and Nanomaterials” organized by Kamaraj College, Department of Physics, Thoothukudi, Tamilnadu on 18<sup>th</sup> June 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, attended the International webinar on “Advanced Materials for Biomedical, Energy & Environmental Applications” organized by Department of Chemistry

(UA), PSG College of Arts and Science, Coimbatore on 16<sup>th</sup> June 2020.

- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, attended National webinar on “ Creative Writing of Research Proposals and Articles” organized by Department of Physics, Adikavi Nannaya University, Rajamahendravaram on 4<sup>th</sup> June 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended Online Webinar On “Recent Advancements in Bio & Nanomaterials” organized by PG and Research Department of Physics, Vivekanandha College of Arts and Sciences for Women (Autonomous), Tiruchengode, Namakkal on 30<sup>th</sup> May 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended webinar series on “Beyond Boundaries: Reinventing Horizons” organized by Swami Keshvanand Institute of Technology, Management and Gramathon, Jaipur on 17<sup>th</sup> May 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended Five Day online Short Term Training program on “ Bio-Energy: Technologies & Transitions” Jointly organized by NIT Kurukshetra and Govt Engineering College, Bikaner from 13<sup>th</sup>-17<sup>th</sup> May 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended webinar on “Micro & Nanotechnology and its Applications” organized by Department of Physics, G.T.N. Arts College (Autonomous), Dindigul on 14<sup>th</sup> May 2020.
- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology attended live online program on “Intellectual Property Rights and Patenting” organized by Starcore Technologies Hyderabad on 8<sup>th</sup> April 2020.
- Mr.D.Rakesh, Assistant Professor (C), attended a Three Day National Online hands-on Workshop Second Technology Enabled Learning MOODLE Platform” organized by CNST, IST, JNTUH from 25<sup>th</sup>- 27<sup>th</sup> May 2020.
- Mr.D.Rakesh, Assistant Professor (C), attended the Six Day International Workshop On “Smart Materials Sensor and Energy Devices (SMSSED – 2020)” organized by The Department Of Electronics & Communication Engineering, SSN College Of Engineering, Kalavakkam from 25<sup>th</sup> -30<sup>th</sup> May 2020.
- Mr.D.Rakesh, Assistant Professor (C), attended a Two Day National online hands-on Workshop Technology Enabled Learning Moodle Platform”, organized by CNST, IST, JNTUH from 8<sup>th</sup>-9<sup>th</sup> May 2020.



### **Centre for Pharmaceutical Sciences**

- Dr.M.Sunitha Reddy, Associate Professor, CPS,IST, JNTUH attended one day National Workshop on “Unlocking the Lockdown through E-examination” organized by JET, Dr.Rammanohar Lohia Avadh University, Ayodhya in association with by TEQIP-III, NPIU, SPIU on 20<sup>th</sup> April 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH attended one day Webinar on “Research Planning and Execution-An Interactive session with a Renowned Pharmaceutical Scientist” organized by Dr.D.Y.Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune and APTI-Association of Pharmacy Teachers of India on 1<sup>st</sup> May 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH attended course on “Design of Experiments in Pharmaceutical Research” organized by APTI-Association of Pharmacy Teachers of India in May 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH attended Webinar on “Research Grants & Funding-A Guide to Acquiring Vitamin M” organized by APTI-Association of Pharmacy Teachers of India in May 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH attended Webinar on “The Pharmacist and COVID-19” organized by KRPA-Karnataka registered Pharmacist Association, PCI, IPA in May 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH attended Workshop on “Meditation-Breathe together and Touch the internal bliss” organized by APTI-Association of Pharmacy Teachers of India in May 2020.

### **Centre for Spatial Information Technology**

- Mr.Ballu Harish, Asst. Professor (C), attended one week National FDP and online training on “LATEX” organized by Sanjay Ghodawat University from 27<sup>th</sup> April to 2<sup>nd</sup> May 2020.
- Mr.Ballu Harish, Asst.Professor (C), attended Three Day online FDP on “Machine Learning and Artificial Intelligence” organized by Andhra Loyola Institute of Engineering Technology from 4<sup>th</sup> -6<sup>th</sup> May 2020.
- Mr.Ballu Harish, Asst.Professor (C), attended One Week “NAAC Awareness Programme” organized by MMIT from 8<sup>th</sup> -14<sup>th</sup> May 2020.

### **Centre for Water Recourses**

- Dr.MVSS.Giridhar, Professor, attended International Conference on “Exploring Sustainability in the Indian Context” by Azimpemji University from 6<sup>th</sup> March to 8<sup>th</sup> May 2020 online course under TEQIP III.
- Dr.MVSS.Giridhar, Professor, attended two day online workshop on “Technology Enabled Learning” from 8<sup>th</sup>-9<sup>th</sup> May 2020.

- Dr.MVSS.Giridhar, Professor, attended online certification course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government officials”

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

#### **Centre for Nano Science and Technology**

- Dr.K.Venkateswara Rao, Professor of Nano Technology, participated and delivered a webinar talk on “Nano Structures Sensing in AICTE - Short Term Training Programme Nano Technology and Functional Materials Phase-II” organized by Department of Mechanical Engineering, S V College of Engineering, Tirupati from 17<sup>th</sup> -24<sup>th</sup> August 2020.
- Dr.K.Venkateswara Rao, Professor of Nano Technology, delivered a talk on “Nano Structures Sensing in One week online FDP on impacts of Nano Materials in the Environment” organized by Mepco Schlenk Engineering College, Sivakasi, Department of Physics, Tamil Nadu on 17<sup>th</sup> August 2020.
- Dr.K.Venkateswara Rao, Professor of Nano Technology, was the resource person in the One Week FDP on “Recent Advances in Synthesis, Characterization and Application of Nano Materials (RA-SCAN 2020)” organized by Physics Division, Department of Basic Science and Humanities, GMR Institute of Technology, Rajam from 13<sup>th</sup> -17<sup>th</sup> July 2020.
- Dr.K.Venkateswara Rao, Professor of Nano Technology, delivered an invited lecture in the Three Day International Virtual Seminar on “The role of Nanotechnology as Antibacterial and Antiviral Infections” organized by the Department of Nano Science and Technology, Alagappa University, Karikudi from 20<sup>th</sup> -22<sup>nd</sup> May 2020.

#### **Centre for Pharmaceutical Sciences**

- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH delivered a lecture on “Biomedical Nano Technology, Nanomimcry and current nanoformulations” in Aarogya Rakshak Pharma series-1 (Rejuvenate Pharma Minds) organized by Koringa College of Pharmacy, Korangi, A.P. on 22<sup>nd</sup> May 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH delivered a session on “National and International Perspectives of COVID-19” in short term course Challenges in discovery of antiviral agents and vaccines organized by UGC HRDC on 9<sup>th</sup> June 2020.
- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH delivered a session on “National and International Perspectives of COVID-19” in Innovations and Advances in Pharmaceutical Sciences in eFDP organized by CMR College of Pharmacy & APTI on 11<sup>th</sup> June 2020.

- Dr.M.Sunitha Reddy, Associate Professor, CPS, IST, JNTUH delivered a session on “Current Trends and Future Perspectives of Pharmacy” in National webinar organized by St. Pauls College of Pharmacy and IPA on 13<sup>th</sup> June 2020.
- Dr.M.Ajitha, Professor, delivered a talk on the “Process of Drug Discovery” organized by Scient Institute of Pharmacy in sponsor with APTT-Telangana.

### Centre for Water Resources

- Dr.MVSS.Giridhar, Professor delivered expert lecture on Storm water drainage system and Rainwater Harvesting –advanced water conservation Technologies at ESCI on 17<sup>th</sup> June 2020.
- Dr.MVSS.Giridhar, Professor delivered expert lecture on Rain water harvesting in extreme weather conditions Dept of Physics, MVN JS & RVR College of Arts and Science on 12<sup>th</sup> June 2020.
- Dr.B.Venkateswara Rao, Professor, delivered expert lecture in FDP on titled “Research In Modern Era” at J. C. Bose University of Science & Technology YMCA, Faridabad from 1<sup>st</sup> -5<sup>th</sup> June 2020.
- Dr.B.Venkateswara Rao, Professor, delivered expert lecture in FDP on "Enhancing Research Capabilities" Society of Materials and Mechanical Engineers (SOMME), Haryana from 1<sup>st</sup> -5<sup>th</sup> June 2020.
- Dr.B.Venkateswara Rao, Professor, delivered expert lecture on TRACE 2020 on Groundwater Management in Sustainable Development and Planning organised by SVCA Hyderabad on 14<sup>th</sup> August 2020.

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

- Dr.M.Ajitha, Professor, SIP International webinar series-1 on Research Innovation in Pharm Sciences.

### Journal/ Conference Papers Reviewed by the Faculty

#### Centre for Environment

- Prof.Ch.Sasikala reviewed a paper Edouard Fournier, Mudra Khare, Dhiraj Sinha, Rita Zgheib, Sory Traore, Jean-Christophe Lagier, Didier Raoult, Genomic description and characterization of *Nigeribacterium massiliense* gen. nov., sp. nov., isolated from the human gut" journal, scientific reports.
- Prof. Ch. Sasikala reviewed a paper for international journal of systematic and Evolutionary Microbiology. Manuscript number: IJSEM-D-20-00239 Title: *Roseomonas algicola* sp. Nov., isolated from a green alga, *Pediastrum duplex* *International Journal of Systematic and Evolutionary Microbiology*.
- Prof.Ch.Sasikala reviewed a paper Manuscript number: IJSEM-D-20-00239 Title: *Roseomonas*

*algicola* sp. Nov., isolated from a green alga, *Pediastrum duplex* *International Journal of Systematic and Evolutionary Microbiology*.

- Prof.Ch.Sasikala reviewed a paper Manuscript number: IJSEM-D-20-00017R1 Title: An emended description of *Arcobacter* (*Haloarcobacter*) *anaerophilus*: genomic and phenotypic insights *International Journal of Systematic and Evolutionary Microbiology*.

#### Centre for Nano Science and Technology

- Dr.K.Venkateswara Rao, Professor of Nano Technology, reviewed a research paper in Journal of Science: Advanced Materials and Devices, April 2020.
  - Dr.K.Venkateswara Rao, Professor of Nano Technology, reviewed a research paper in Materials Letters, April 2020.
  - Dr.K.Venkateswara Rao, Professor of Nanotechnology, reviewed a research paper in Biocatalysis and Agricultural Biotechnology, April 2020.
  - Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, reviewed a research paper entitled “Copper Nano Structures: a Facile Controllable Chemical Reduction Synthesis Method and Structural Characterization”, published by Journal of Molecular Structure, May 2020.
  - Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, reviewed a research paper entitled “Novel Polyaniline-Fly Ash Nanohybrids Synthesized via Inverted Emulsion Polymerization: Physico-Chemical, Thermal and Dielectric Properties”, published by Material Science, May 2020.
  - Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, reviewed a research paper entitled “Phase Field Simulations of Electrohydro Dynamic Jetting for Printing Nano-to-Microscopic Constructs” published by RSC Advances, Royal Society of Chemistry, May 2020.
  - Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, reviewed a research paper in Polymers an Open Access Journal, April 2020.
  - Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, reviewed a research paper in Journal of Nano Science Research, April 2020.
- #### Centre for Pharmaceutical Science and Technology
- Dr.M.Sunitha Reddy, Associate Professor reviewed a research paper entitled " Solubility and Disolution Enhancement of Poorly Aqueous Soluble Drug GEFITINIB by Self Emulsifying Drug Delivery System, International Journal of Pharmaceutical Sciences & Research June 2020.

- Ms.B.Sindu Vahini, "Deep Solubility and Disoolution Enhancement of Poorly Aqueous Soluble Drug GEFITINIB by Self Emulsifying Drug Delivery System, International Journal of Pharmaceutical Sciences & Research, Vol 11(5) - 2052-2064 June 2020.

### Centre for Water Resources

- Dr.MVSS.Giridhar, Professor, reviewed a journal on Water Quality Modeling of River Godavari at Dowleswaram, AP using Multivariate Statistical methods, Journal of Air, Soil and Water Research.
- Dr.MVSS.Giridhar, Professor, reviewed a journal on Physical and Chemical Properties of Soil in the Sahelian Region, case Study in NIORO u RIP, SENEGAL, Journal of Geography, Environment and Earth Science International.
- Dr.B.Venkateswara Rao, Professor, reviewed a journal on Human Health Risk Assessment for Fluoride and Nitrate Contamination in Groundwater: a case Study from the East Coast of Tamil Nadu and Puducherry, International Journal of India, Environmental Earth Sciences.
- Dr.B.Venkateswara Rao, Professor, reviewed a journal on Selection of Suitable Site for Storage and Disposal of Dredged Sediment from Hussain Sagar Lake, Hyderabad using Hydrogeophysical and Groundwater Modeling Studies, International Journal of India, Environmental Earth Sciences.
- Dr.B.Venkateswara Rao, Professor, reviewed a journal on Groundwater Flow Modeling- A tool for Water Resources Management in the Micro Watershed with Khondalite and Sandstone Formations, International Journals of Groundwater for Sustainable Development

### Journal Papers Published by the Faculty

#### Centre for Biotechnology

- Mr.Suryapeta Srinivas, Papigani Neeraja, Venkanna Banothu, Pramod K Dubey, Khagga Mukkanti & Sarbani Pal. "Synthesis, biological evaluation, and docking study of a series of 1,4- disubstituted 1,2,3- triazole derivatives with an indole- triazole- peptide conjugate". *Journal of Heterocyclic Chemistry*, 23<sup>rd</sup> June 2020.
- Mr.Suryapeta Srinivas, Papigani Neeraja, Kuntala Naveen, Venkanna Banothu, Pramod K Dubey, Khagga Mukkanti & Sarbani Pal. "Synthesis, Chemotherapeutic Screening and Docking Studies of NSAID Inserted Peptide- Triazole Hybrid Molecules". *ChemistrySelect*, 16<sup>th</sup> June 2020; 22(5): 6786-6791.
- Mr.Latheweipor Shadap, Venkanna Banothu, Emma Pinder, Roger M Phillips, Werner Kaminsky & Mohan Rao Kollipara. "In vitro biological evaluation of half-sandwich platinum-group metal complexes containing benzothiazole moiety". *Journal of Coordination Chemistry*, 12<sup>th</sup> June 2020; 1-16.

- Ms.P.Neeraja, S. Srinivas, Venkanna Banothu, B. Sridhar, K. Mukkanti, Pramod Kumar Dubey & Sarbani Pal. "Assembly of benzothiazine and triazole in a single molecular entity: Synthesis of -oxicam derived novel molecules as potential antibacterial / anti-cancer agents". *Mini-Reviews in Medicinal Chemistry*, 01<sup>st</sup> June 2020; 20(10): 929-940.
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#### Centre for Chemical Sciences and Technology

- Dr.A.Jayashree, Professor & HoD, CCST, IST, JNTUH published a International journal on "Design, synthesis and evaluation of 4H-Chromene-4-one analogues as potential Anti-bacterial and Anti-fungal agents" Vol 7, Issue No. 1 in 2020.
- Dr.A.Jayashree, Professor & HoD, CCST, IST, JNTUH published a International journal on "Journal of Pharmaceutical and Biomedical Analysis, A study on structural characterization of degradation products of cangrel or using LC/QTOF/MS/MS and NMR" Vol 170 Issue No: 327-334 in 2020.
- Dr.A.Jayashree, Professor & HoD, CCST, IST, JNTUH published a International journal on J.Heterocyclic Chem synthesis Docking and Bioavailability of 20-oxo-3- phenylspiro [cyclopropane-1,30-indoline]-2,-- dicarbonitrileas antibacterial agents on silico" Vol No:56 Issue no:209-217 in 2020.
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#### Centre for Environment

- Mr.Samuel Gnana Prakash Vincent, Appadurai Muthamilniyan, Joachim Wink, Wiebke Landwehr, RamaprasadEedaraVeeraVenkata, Ch.Sasikala, Ch.Venkata Ramana, Peter Schumann,



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  - Ms. Kavitha Varma, P. Kiran Kumar, S. Vijaya Krishna, V. Himabindu, Phycoremediation of sewage contaminated lake water using microalgae bacteria co-culture, in *Water, Air, & Soil Pollution*, 231: 299, June 2020. doi.org/10.1007/s11270-020-04652-5
- Centre for Nano Science and Technology**
- Mr. Solleti Goutham, P Jeevan kumar, N Jayaram Babu, A Saineetha, Kishor Kumar Sadasivuni, Satish Bykkam, Kalagadda Venkateswara Rao, “Investigation of various Mg (x) Fe (1-x) 2O4 (x= 0.1, 0.5 and 0.9) nanostructures as a resistive and flexible LPG sensor” in *Materials Science and Engineering: B* Volume 255, pp.114515 May 2020.
  - Ms. Pooja Rani, Gurjot Kaur, K Venkateswara Rao, Jagpreet Singh, Mohit Rawat, “Impact of Green Synthesized Metal Oxide Nanoparticles on Seed Germination and Seedling Growth of *Vignaradiata* (Mung Bean) and *Cajanus cajan* (Red Gram)” in *Journal of Inorganic and Organometallic Polymers and Materials*, pp.1-10, April-2020.
  - Mr. Parameshwar Kommu, GP Singh, Ch Shilpa Chakra, Soumita Jana, Vikash Kumar, AS Bhattacharyya, “Preparation of ZnMn2O4 and ZnMn2O4/graphene nano composites by combustion synthesis for their electrochemical properties” in *Materials Science and Engineering: B*, Volume 261, Pages 114647, May 2020.



**Centre for Spatial Information Technology**

- Mr.Ballu Harish, Dr.R.S.Dwivedi "Evaluation of Various Image Fusion Techniques Using Image Processing," in Indian Journal of Geosciences, Vol. 2, Aug. 2020.

**Conference Papers Presented by Faculty Members**

**Centre for Water Resources**

- Dr.B.Venkateswar Rao, Professor presented a paper on “Groundwater flow modeling and prognostics of Kandivalasa river sub-basin, Andhra Pradesh, India”. Environment, Development and Sustainability, Springer Nature. Springer Nature, <https://doi.org/10.1007/s10668-020-00653-w> 2020.
- Dr.K.Ramamohan Reddy, Professor presented a paper on A facile synthesis of implantation of silver nanoparticles on oxygen-functionalized multi-walled carbon nanotubes: structural and antibacterial activity SN Applied Sciences 2, Article number: 981 <https://doi.org/10.1007/s42452-020-2797-x> in April 2020.

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

- M.Lakshmi Narasu, Professor, Isolation and characterization of anticancer compound from Sesuvium portulacastrum (L). 201941007336 (IN), Patent corporation treaty (PTC) in 2020.

**Any Other Achievements by the Staff**

**Innovations Useful For People or Administrators during COVID-19:**

- Dr.K.Venkateswara Rao, Professor & Head, CNST, IST, JNTUH made research to eradicate Covid19 Virus with the help of nano materials in collaboration with Diskha mineral company Hyderabad.
- Preparation of Nanosanitizers using Hydrogen peroxide and Nanosilver in collaboration with D Nanotechnologies Hyderabad.
- Preparation of Environmental sanitizers
- Source Links: <https://youtu.be/kXgeRG0pKPI>  
<https://youtu.be/uBky4S4K314>

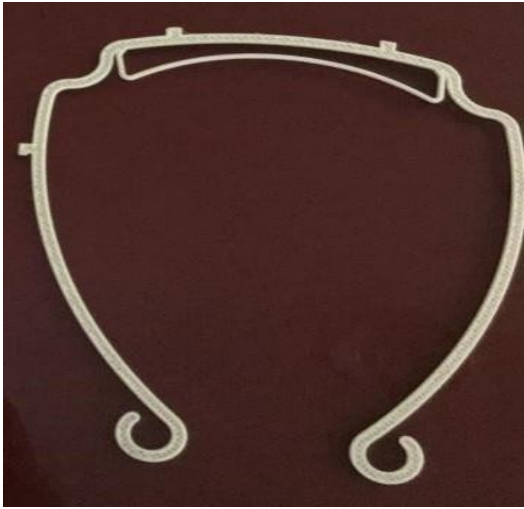
Published in Andhrajothi News Paper on 5<sup>th</sup> April 2020.

- Dr.Ch.Shilpa Chakra, Head of the Department and Assistant Professor of Nano Technology, CNST, IST, JNTUH made efforts for **COVID-19** by 3D printing **Face Shields** for doctors and concerned health care workers and Police.
- Sanctioned collaborative project proposal under Rashtriya Uchcharat Shiksha Abhiyan (RUSA 2.0), Ministry of Human Resource Development on “Printable Energy Storage Device for portable devices based on nanomaterials” with Yogi Vemana University.
- Sanctioned collaborative project proposal under Rashtriya Uchcharat Shiksha Abhiyan (RUSA 2.0), Ministry of Human Resource Development on “3D printing, Design and Development of an efficient Polyethylene Glycol coated Zinc Oxide Nanoweb to fight against COVID-19” with Yogi Vemana University.

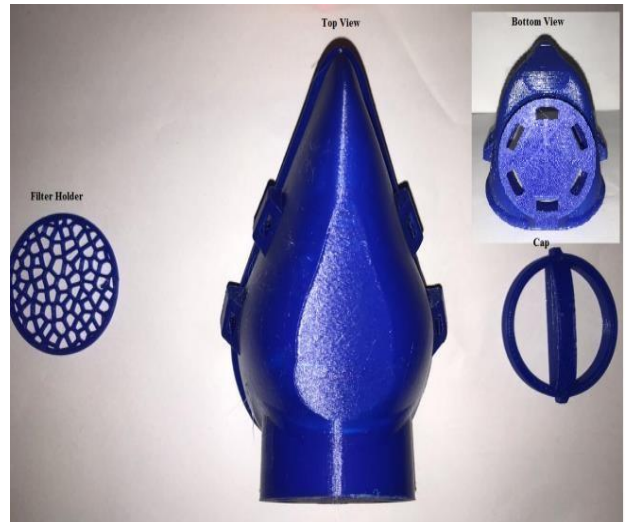


Face Shield Design-1

Published in Eenadu News Paper



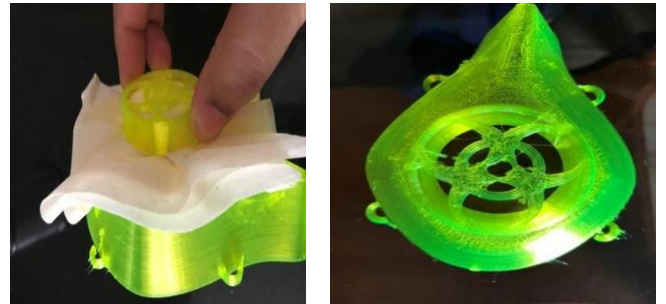
Face Shield Design -2



PLA Face Mask Design-2



Face Shield Design -3



PLA Face Mask Design-3

Photo: Prototypes of 3D Printed Face Shields Models



PLA Face Mask Design-1



PLA Face Mask Design-4



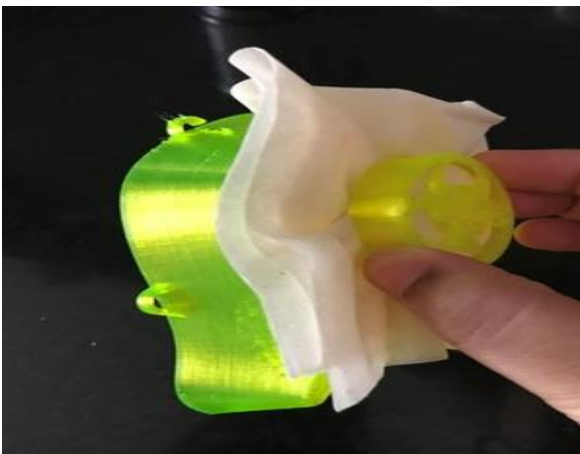


Photo: Prototypes of Face Shield, Flexible Face Mask without Filter and with Filter

# 'త్రీడి' ఫేస్ షీల్డ్, మాస్కులు

సాక్షి, హైదరాబాద్: కరోనాను ఎదుర్కోవడంలో ఉపయోగపడేలా త్రీడి ప్రింటింగ్ పరిష్కారంతో ఫేస్ షీల్డ్, మాస్కులను హైదరాబాద్ జీఎన్టీయూ రూపొందించింది. యూనివర్సిటీకి చెందిన ఇన్స్టిట్యూట్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీ అధ్యక్షులలో నానో టెక్నాలజీ విభాగం వీటిని తయారు చేసింది. మెడికల్ సిబ్బందికి, పోలీసులకు అత్యంత రక్షణగా ఉండేలా వీటిని రూపొందించారు. ఇప్పటివరకు అనువర్తన శైలిలు ఉపయోగిస్తున్న పర్సనల్ ప్రొటెక్టివ్ ఎక్విప్మెంట్ (పీపీఈ) కిల్స్ ముఖం మొత్తం కవర్ అయ్యేలా లేవని, త్రీడి ప్రింటింగ్ పరిష్కారంతో పూర్తి రక్షణ కలిగేలా వీటిని రూపొందించామని చెబుతున్నారు. కేంద్ర మానవ వనరుల అభివృద్ధి శాఖ టెక్నిక్ ఆర్ అండ్ డి సహకారంతో వీటిని తయారు చేశారు.



డీఆర్ఐఆర్ఐఆర్ఐఆర్ఐ ఆయుర్వేద అనువర్తిక 20, మరో 150 వరకు ఇతర ప్రైవేటు అనువర్తులకు అందజేసినట్లు వెల్లడించారు.

## పూర్తి స్థాయిలో వైరస్ను అడ్డుకునేలా..

రోగి దగ్గనవుడు, తుమ్మిస్తున్నప్పుడు, వైరస్ గాలిలోకి వ్యాపించకుండా ఆపేందుకు ఆత్రేటిక్ షీల్డ్ ఈ షీల్డ్లను రూపొందించారు. పైగా ఇవి రియూజబుల్. ఒకసారి ఉపయోగించిన షీల్డ్ను నబ్బు లేదా మెంజెలోతో క్లీన్ చేసుకొని మళ్ళీ మళ్ళీ ఉపయోగించుకోవచ్చు. మాస్కులను కూడా మళ్ళీ ఉపయోగించుకునేలా రూపొందించారు. మాస్కులో ఉండే ఫిల్టర్ను మాత్రమే మార్చుకోవచ్చు ఉంటుంది. సాధారణ సర్టికల్ ఫైబర్ను మాస్కులో ఫిల్టర్గా వినియోగించారు.

## జీఎన్టీయూ నానో టెక్నాలజీ విభాగం

రూపొందించిన ఈ షీల్డ్లను ఇప్పటికే పలు విభాగాలకు అందజేసినట్లు జీఎన్టీయూ రిజిస్ట్రార్ ప్రొఫెసర్ గోవర్ధన్ వెల్లడించారు. సైబరాబాద్ పోలీసు కమిషనరీలకు 500, ఉస్మానియా అనువర్తిక 170,

## జింకే, కాపర్ అయోన్స్ తో ఫిల్టర్స్ రూపకల్పన

మాస్కులలో ఉండే ఫిల్టర్లు మరింత మెరుగైనవిగా, వైరస్ నిలను నిర్మూలించేవిగా తయారు చేసేందుకు చర్యలు చేపడుతున్నాం. జింకే, కాపర్ అయోన్స్ తో కూడిన ఫిల్టర్స్ తయారు చేసేందుకు ఏర్పాట్లు చేశాం. అవి వైరస్ వ్యాపించకుండా, శరీరంలోకి వెళ్ళకుండా అడ్డుకుంటాయి. త్వరలోనే వాటిని అందుబాటులోకి తెస్తాం. మా ల్యాబ్లో రోజుకు 20 షీల్డ్లను రూపొందిస్తున్నాం.



- డాక్టర్ శిల్పాచక్ర, జీఎన్టీయూ నానో టెక్నాలజీ విభాగం అసిస్టెంట్ ప్రొఫెసర్

Photo: Sakshi News clip dated: 26<sup>th</sup> April 2020

# వైద్యులకు త్రీడి రక్షణ

కరోనా రిస్కిని పై త్రీడి పోతుకు సిద్ధమవుతున్నామని వైద్యులకు అందగా త్రీడి మాస్కులు, పేన్ వీల్డ్లను తయారు చేశారు. భవన్ నిర్మాణంలో పాటు వివిధ రంగాల్లో విస్తృతంగా అందుబాటులోకి వచ్చిన త్రీడి ప్రింటింగ్ సాంకేతికతను ఉపయోగించి వీటిని అభివృద్ధిచేశారు జీఎన్టీయూ నానో సైన్స్ విభాగం సహాయ అధ్యాపకులు గోపాల్ శిల్పాచక్ర. మాస్కులకు డిమాండ్ పెరిగిన కేళ. పునర్నియోగించుకునేలా వీటిని రూపొందించారు. కరోనా వాతావరణం రిజిల్ అంటేనే వాళ్ళకు వీటిని తిరిగి వైరస్ సోకకుండా మరింత భద్రత అభివృద్ధిచేసి చెబుతున్నారు. పేన్ వీల్డ్ ముఖమంతటికీ రక్షణ తీర్చిస్తుంది. రోగిని పరిశీలిస్తున్న సమయంలో నోజ్ తుంపర్లు ముఖంపై వేరవేలా అడ్డుకుంటుంది. ఇప్పటికే త్రీడి ప్రింటర్ సాయంతో 30 పేన్ వీల్డ్లను తయారు చేశారు. వైద్యుల అడ్డం వేరవేల మరో 200 తయారు చేస్తున్నామని చెబుతూ పైకి సేవలు అందిస్తున్న వైద్యులకు రక్షణ కల్పించాలని వీటిని తయారు చేశామని చెబుతున్నారు.



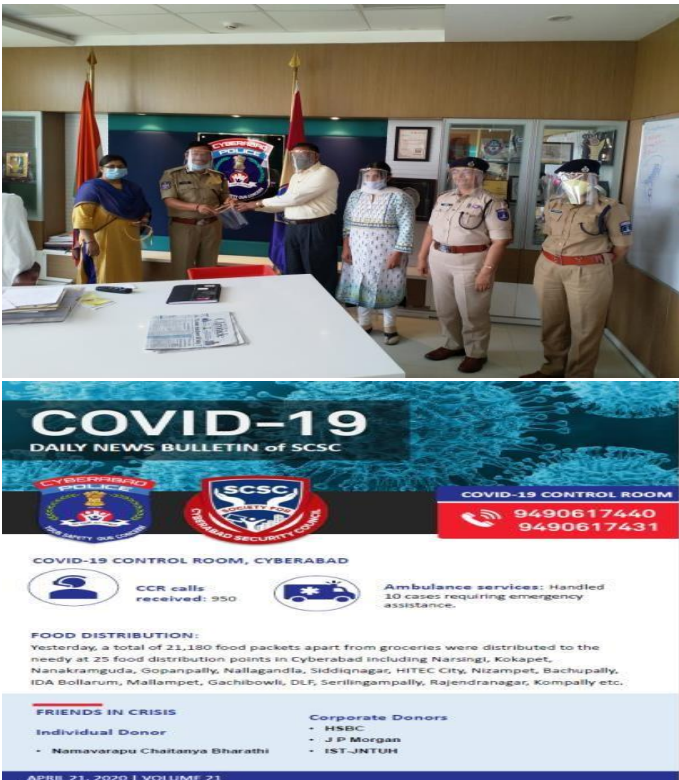
## మాస్కుల తయారీలో..

పేన్ వీల్డ్లో పాటు త్రీడి టెక్నాలజీతో కెంచు రకాల మాస్కులు తయారు చేశారు. ముఖ్యమం, నోటికి రక్షణగా ఉంటాయి. విశ్వ క్రమంలో మాస్కులను రూపొందించారు. వీటికి ఏర్పాటు చేస్తూ పైకి అడ్డుకోని. వినియోగించాలి. ముఖ్య నోటి ట్యాంకు వైరస్ చేత అమాత్యమే ఉండేది శిల్పాచక్ర చెబుతున్నారు. వీటిని త్వరలోనే మరోసారి వాడుకునే అవకాశం ఉండటం విశేషం. వీటిలో పాటు ఒకే సమయంలో వేర్వేరు రోగిలను వినియోగించేందుకు వీలుగా ప్రత్యేక మెంజెలేటర్ను కూడా తయారు చేశారు. దీన్ని ప్రయోగాత్మక పరిశీలనకు దిద్దే రోగి వినియోగించుకుంటారు. వివేక్షిత్ సమయంలో ప్రాణాలు పలుంగా పైకి సేవలు అందిస్తున్న వైద్యులకు రక్షణ కల్పించాలని వీటిని తయారు చేశామని చెబుతున్నారు.

- అమరేంద్ర యార్లగడ్డ, ఈనాడు, హైదరాబాద్

Photo: Eenadu Vasundara News Clip dated: 7<sup>th</sup> April 2020.

<https://youtu.be/dCwy8IKHpZY>



- Presented 500 face shields to Mr.Sajjanar CP., Cyberabad, along with Prof. B.Venkateswar Rao, Director-IST, Dr.T.Vijayalaxmi, TEQIP III IST Coordinator and Dr.CH.Shilpa Chakra, Assistant Professor of Nanotechnology & TEQIP III MIS & PMSS Coordinator TEQIP III MIS & PMSS Coordinator & COVID-19 News Bulletin of SCSC Cyberabad Security Council.



News Clip: E-TV Bharat, Dated: 21<sup>st</sup> April 2020.

**New Appointments and Promotions  
Centre for Pharmaceutical Sciences**

- Dr.G.Krishna Mohan, Professor, CPS, appointed as Director, IST, JNTUH.
- Dr.M.Ajitha, Professor, CPS, appointed as HoD, CPS, IST, JNTUH.

**Students' Achievements  
Research Papers Published**

**Centre for Nano Science and Technology**

- Mr.Solleti Goutham, P.Jeevan Kumar, N. Jayaram Babu, A.Saineetha, Kishor Kumar Sadasivuni, Satish Bykkam, Kalagadda Venkateswara Rao, "Investigation of various Mg (x) Fe (1- x) 2O4 (x= 0.1, 0.5 and 0.9) nanostructures as a resistive and flexible LPG sensor" in Materials Science and Engineering: B Volume 255, pp.114515 in May 2020.

**Any Other Achievements by Students**

**Centre for Environment**

- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Young Professionals Programme Confederation of Indian Industry in May received Merit Certificate.
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized CII IGBC Accredited Professional - Associate Confederation of Indian Industry in June, received Merit Certification With 90%
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Viral infections and immune system - pros and cons HACKATHON Institute of Science and Technology JNTUH in June, received Merit Certificate.
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Plastic Waste Management BIOHM Consultare PVT.LTD in June, Certification of Active Participation.
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Advacne Excel Internshala Training in May, received Certificate of Training with 89%
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Planning & Design of Sanitation Systems & Technologies COURSERA in April Cleared course with 74%
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Introduction to Algae Coursera in May Cleared course with 92%
- Mr.Gande Saichandhu, Roll. No. 19031D3108 M.Tech Branch EMT Year 2019-2021 Organized Introduction to Household Water Treatment and safe Storage Coursera in April, Cleared course with 79.33%



## NSS/NCC Activities

- Telangana Haritha haram on 18<sup>th</sup> July 2020. Organizing CPS, IST, JNTUH. Faculty In charge, Dr.S.Shobha Rani, Associate Professor, 30 members participated.



Telangana Haritha haram on 18<sup>th</sup> July 2020 Organized by CPS, IST, JNTUH

## TEQIP-3 Information

### Centre for Nano Science and Technology

- Allocation of Funds during January-June 2020. Rs. Two Lakhs

### Centre for Environment

- Allocation of Funds during January-June 2020.
- Mini R&D project: Rs. 30,000.00
- M.Tech EMT students Projects: Rs. 80,000.00
- TEQIP III Mini research project “Study of Mitigation measures for Spontaneous Combustion in coal stockpiles at Thermal Power plants” Procs. No. TEQIP-III-IST-JNTUH/445/2020. Expenses for Field work, sample collection and sample analysis at IICT.

### Centre for Spatial Information Technology

- Allocation of Funds during January-June 2020. Software Purchase Rs. 34,000/-

### Centre for Water Recourses

- A Whatsapp group has been created namely CWR WET ALUMNI, IST, JNTUH with total 115 participants for exchange of information and to be in touch with the alumni students.

## Forthcoming Events

### Centre for Nano Science and Technology

- A One Week AICTE Sponsored online Short-term Training programme on “Synthesis, Characterization and its applications of Nanomaterials” from 24<sup>th</sup>-29<sup>th</sup> August 2020 Organized by Dr. K.Venkateswara Rao Professor of Nano Technology, Center for Nano Science and Technology, IST, JNTUH.

### Centre for Spatial Information Technology

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

- Mr.J.Venkatesh, coordinator organized One Day National Webinar on 25<sup>th</sup> November 2020 “Classification of Environmental Models in Geo

Spatial Domain” with TEQIP III funds, Mr.I.V.Murali Krishna delivered expert lecture, 30 participants.

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

- Mr. Ballu Harish attended a Five Day National FDP on “Gis and Remote Sensing” at Bilaspur, Chattisghad from 23<sup>rd</sup> -27<sup>th</sup> November 2020.

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

- Dr.R.S.Dwivedi, Retd. Group Director, NRSC, Bala Nagar delivered Guest Lecture on Geomatics for Watershed Management on 15<sup>th</sup> September 2020 at CSIT, IST, JNTUH Organized by Mr.J.Venkatesh, Assoc.Prof., CSIT, IST, JNTUH.
- Dr.R.S.Dwivedi, Retd Group Director, NRSC, Bala Nagar delivered a expert talk on Basics And Applications of Gis on 28<sup>th</sup> November 2020, at CSIT, IST, JNTUH Organized by Mr.J.Venkatesh, Assoc.Prof., CSIT, IST, JNTUH.
- Dr.I.V.Murali Krishna, Retd. R&D Director, JNTUH delivered a Guest Lecture on A Socio Technical Approach For Geo Spatial Applications Through Design Thinking And Lean Management on 28<sup>th</sup> November 2020 at CSIT, IST, JNTUH Organized by Mr.J.Venkatesh, Assoc.Prof., CSIT, IST, JNTUH.

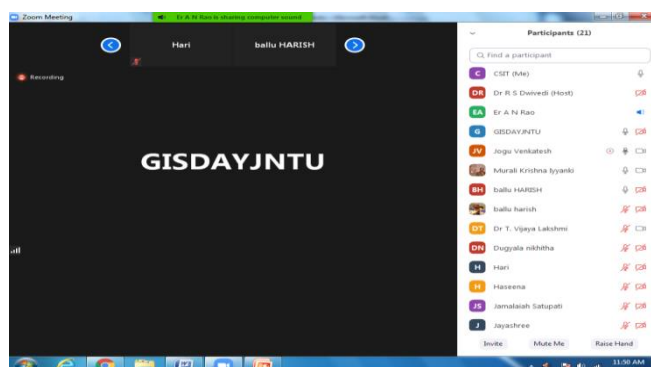
## Journal Papers Published by the Faculty

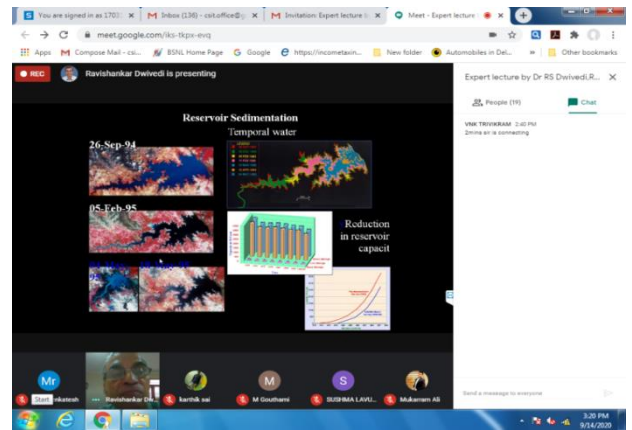
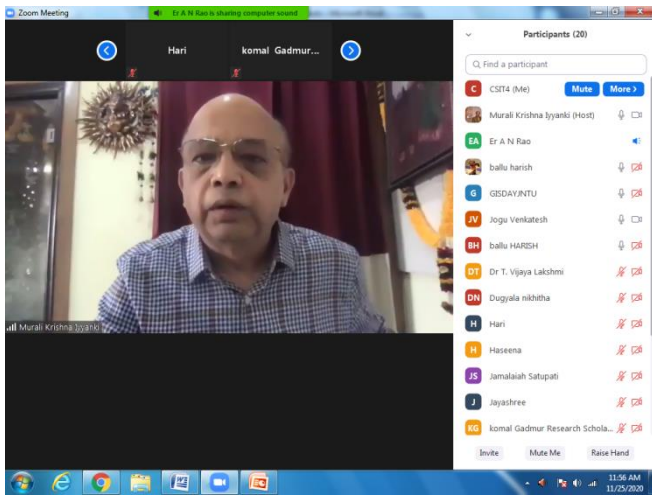
- Mr. Ballu Harish & Dr.R.S.Dwivedi “Exhibiting of Geospatial Attribute Data Using Popup Template Java-Script Application Programming Interface”. Journal title (in italics): *International Journal of Scientific Reports* Volume of journal: 6, December-2020 Issue number: 12 Page range of article: 532-537 December-2020.

## Conference Papers Presented by Faculty Members

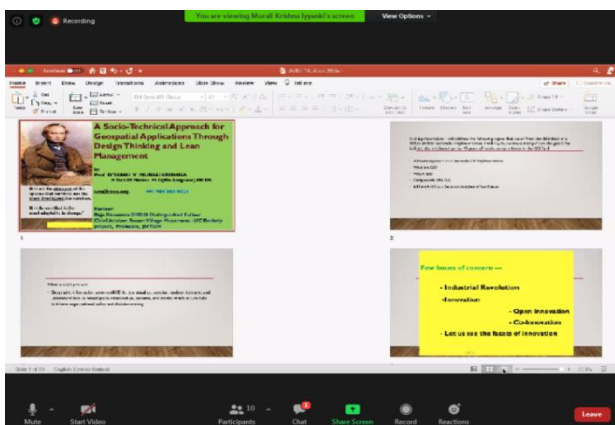
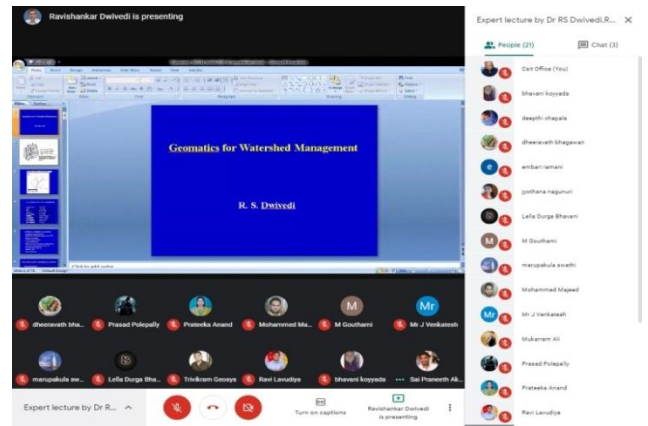
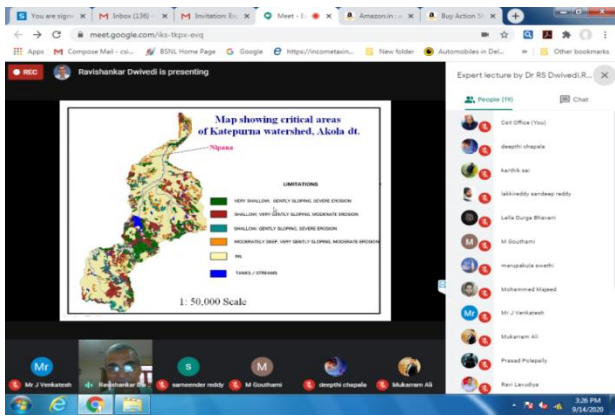
- Mr.M.Santosh, J.Venkatesh, Ballu Harish, “Stock Mapping of Cherla Forest Using Rs and Gis” *ICMRT-2020 DELHI*, online mode CMRT from 2<sup>nd</sup> - 12<sup>th</sup> September 2020.

## GIS DAY PICS





**Expert Lecture Pics**



**School of Information Technology  
Details of Webinars/Conferences/ Seminars/  
Workshops/ Refresher Courses/Orientation  
Courses/FDPs Attended by the Faculty**

- Dr.G.Venkata Rami Reddy , Professor of IT attended National FDP Programme on “Artificial Intelligence” from 11<sup>th</sup> -16<sup>th</sup> May 2020 Online mode (ATAL FDP)
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended an FDP on "Machine Learning & AI using Python" organized by Electronics & ICT Academy, IIT Roorkee from 27<sup>th</sup> April to 6<sup>th</sup> May 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Deep Learning & Its

Applications" organized by Electronics & ICT Academy, IIT Roorkee from 11<sup>th</sup> - 20<sup>th</sup> May 2020.

- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended online International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT-20) organized by Departments of CSE & IT, St.Martin's Engineering College, Hyderabad from 17<sup>th</sup> - 18<sup>th</sup> June 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended Short Term Course on "Cyber Security and Forensics" organized by UGC HRDC, JNTUH from 15<sup>th</sup> - 20<sup>th</sup> June 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Internet of Things for Intelligent Systems" organized by National Institute of Technology Warangal from 20<sup>th</sup> - 24<sup>th</sup> June 2020.
- Dr.K.Suresh Babu, Associate Professor attended a One Day International Tutorial on "Python 3" organized by SoloLearn Inc., USA on 17<sup>th</sup> April 2020.
- Dr.K.Suresh Babu, Associate Professor attended one day National workshop on Online FDP on "CYBER FORENSICS" organized by Cisco Inc, USA in April 2020.
- Dr.K.Suresh Babu, Associate Professor attended a One Day FDP on "Cyber Forensics" organized by Indian Servers, Vijayawada on 4<sup>th</sup> May 2020.
- Dr.K.Suresh Babu, Associate Professor attended One Week National FDP on "Cyber Security" organized by Supraja Technologies, Hyderabad & Vaagdevi Engineering College from 23<sup>rd</sup> -27<sup>th</sup> May 2020.
- Dr.K.Suresh Babu, Associate Professor attended Five Day National FDP on "Perl Scripting" organized by Spoken Tutorial IIT Bombay from 10<sup>th</sup>- 14<sup>th</sup> June 2020.
- Dr.K.Suresh Babu, Associate Professor attended One Day International Webinar on "Blockchain Technology" organized by Dept. of CSE, Malla Reddy Institute of Technology and Science, Hyderabad on 2<sup>nd</sup> July 2020.
- Dr.K.Suresh Babu, Associate Professor attended Three Day National Quiz on "Web Technologies and Cyber Security" organized by CSE, IT Department and IEEE Student Branch of Nawab Shah Alam Khan College of Engg. & Technology, Hyderabad from 29<sup>th</sup> -31<sup>st</sup> July 2020.
- Dr.K.Suresh Babu, Associate Professor attended One Day National Webinar on "Innovation and Patents" organized by Intellectual Property Facilitation Centre, MRL Institute of Technology, Hyderabad on 13<sup>th</sup> August 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Scaling Up For Virtual & Augumented Reality on 24<sup>th</sup> July 2020.

- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on MathWorks on 3<sup>rd</sup> April 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on "Self Reliance and National Security Emerging Imperatives" on 22<sup>nd</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Billionaires, Startups Team Up to Fix Broken Indian Health Care on 23<sup>rd</sup> June 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on "Transforming Engineering Education: Emerging Scenario" on 15<sup>th</sup> June 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Emerging trends driving shift to online programming labs-Codezinger.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Empowering the All Electric Society" Confirmation on 15<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on "Virtual Project-Based Learning (PBL) involving Computer-Aided Engineering (CAE) and Data Analytics" on 29<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on "Post COVID-19 Resurgence of Indian Industry and R & D" on 15<sup>th</sup> May 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Satellite Image Fusion Techniques - Understanding Research Ethics and Integrity in Academia.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on "The Role of Electronics Engineering Fraternity in Craving a Super Techno Power India" on 26<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day training program webinar on Introduction to Statcraft on 20<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day FDP on Natural language processing (NLP) & Recommendation System using Deep Learning organized by Pantech Learning on 27<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended Ten Day FDP on Artificial Intelligence, Machine Learning & Deep Learning & Its Applications organized by Pantech Learning in July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended Ten Day FDP on Applied Deep Learning for Medical Data Analysis [MRI, CT SCAN, XRAY] organized by Pantech Learning on 27<sup>th</sup> July 2020.



- Dr.K.Santhi Sree, Professor of CSE attended Ten Day FDP on Blockchain Technology & Its Applications organized by Pantech Learning on 27<sup>th</sup> July 2020.
- Dr.K.Santhi Sree, Professor of CSE attended Five Day FDP on Core java and advance java programming organized by Pantech Learning from 3<sup>rd</sup> -7<sup>th</sup> August 2020.
- Dr.K.Santhi Sree, Professor of CSE attended One Day FDP on live webinar invitation: FDP Outcome Based Education Software organized by Pantech Learning on 16<sup>th</sup> July 2020.
- Dr.G.Venkata Rami Reddy, Professor of Information Technology attended National FDP on“Artificial Intelligence” from 11<sup>th</sup>-16<sup>th</sup> May 2020 Online mode (ATAL FDP).

### **Faculty Achievements**

- Dr.M.Arathi, Associate Professor, SIT was awarded Ph.D. degree in July 2020.

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

- Dr.G.Venkata Rami Reddy, Professor reviewed NanbonAberaTolasa, “Optimizing information leakage in multi cloud Storage services” *Journal of emerging technology and innovative research*, Vol No. 7 issue No. 6 June 2020 – pp. 819-824-June 2020.
- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH, Member of Technical Program Committee/Reviewer at the 8<sup>th</sup> International Conference on Computing for Sustainable Global Development, INDIA Com-2021 from 17<sup>th</sup>-19<sup>th</sup> March 2021, IEEE Delhi Section to be held at Bharati Vidyapeeth, New Delhi.
- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH, Member of Technical Program Committee/Reviewer at the Third International Conference on Computational Intelligence, Communications and Business Analytics (CICBA-2021) from 7<sup>th</sup>- 8<sup>th</sup> January 2021, IEEE, CSI, Springer to be held at Visva-Bharati University, West Bengal.
- Dr.K.Suresh Babu, Associate Professor reviewed a research paper entitled “Keyword Extraction from Tweets Using Graph Based Approach” for International Conference on Computational Intelligence and Informatics-2020 (ICCII – 2020)
- Dr. K.Suresh Babu, Associate Professor reviewed a research paper entitled “Affordable Cluster-Based Context for Multimedia Big Data Extraction” for International Conference on Computational Intelligence and Informatics-2020 (ICCII – 2020).
- Dr. K.Suresh Babu, Associate Professor reviewed a research paper entitled “The Future of Smart Communication using IoT and Augmented Reality:

A Review”. For International Conference on Recent Trends in IoT and Blockchain (ICRTIB-2019).

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

- Dr. K.Suresh Babu, Associate Professor of CSE Vol. 8 Issue 6, Pp 4070-4083 “Using Mobile Application Development to Develop MediTrans – An Android Application”, International Journal of Creative Research Thoughts(IJCRT), ISSN: 2320-2882, June 2020.
- Dr. K.Suresh Babu, Associate Professor of CSE Vol. 8 Issue VI, Pp 2410-2420 “Using Artificial Intelligence to Speed Up Post-Recruitment Process” International Journal for Research in Applied Science & Engineering Technology (IJRASET), June 2020.
- Dr. K.Suresh Babu, Associate Professor of CSE Vol. 8 Issue 7 Pp: 901-906 “Elimination of Redundant Data in Cloud with Secure Access Control” AEGAEUM Journal, July 2020.

### **Conference Papers Presented by Faculty Members**

- Mr.G.Praveen Babu, "Energy Optimization using Glow-worm Swarm Algorithm in MANET" presented at the two day International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT-20) from 17<sup>th</sup>-18<sup>th</sup> June 2020. (ISBN No.978-93-80831-66-4)
- Mr.G.Praveen Babu, "A Modified PSO Algorithm Based Energy Efficient Tracking in Wireless Sensor Networks" presented at the Two day International Conference on Recent Trends in Computer Science and Information Technology (ICRCSIT-20) from 17<sup>th</sup>-18<sup>th</sup> June 2020. (ISBN No.978-93-80831-66-4)

### **New Appointments and Promotions**

- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH appointed as Coordinator for “Xcel@thon’ 20” a 24-hr Hackathon programme for students organized jointly by JNTUH School of Information Technology and M/s Sustenance’s Growth Cultivation Pvt. Ltd., Hyderabad on 14<sup>th</sup> February 2020 at SIT, JNTUH.
- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH appointed as Coordinator for “SPIRIT-2K20”, Students Technical & Cultural Festival organized by JNTUH School of Information Technology.
- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH appointed as Organising Member for the conduct of “TS Police Hack Summit 2020” conducted by Telagana State Police Department.
- **Details of Webinars/Conferences/Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty**



- Mr.T.Sreenivasulu Reddy, Associate Professor, SIT participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 23<sup>rd</sup>-27<sup>th</sup> November 2020 at Centre for Development of Advanced Computing, Kolkata.
- Mr.T.Sreenivasulu Reddy, Associate Professor of SIT participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT) - (Applications in Biomedical Instrumentation, Healthcare and Pharma)" from 12<sup>th</sup>-16<sup>th</sup> October 2020 at Women Engineering College, Ajmer.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Managing Online Classes and Co-creating MOOCS" organized by Teaching Learning Centre, Ramanujan College, New Delhi from 25<sup>th</sup> July to 10<sup>th</sup> August 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "ICT Tools for Teaching, Learning Process & Institutes" organized by NIT Patna and MNIT Jaipur from 10<sup>th</sup>-21<sup>st</sup> August 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Digital Forensics and Information Gathering" organized by Knowledge Resource Centre, C-DAC, Thiruvananthapuram from 17<sup>th</sup>-21<sup>st</sup> August 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Internet of Things and Machine Learning" organized by NIT Warangal from 24<sup>th</sup> - 28<sup>th</sup> August 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Cyber Security" organized by Centre of Excellence, JNTUH from 24<sup>th</sup> August to 9<sup>th</sup> September 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended FDP on "Cyber Security and Cryptography" organized by IIT Roorkee from 7<sup>th</sup> - 11<sup>th</sup> October 2020.
- Mr.G.Praveen Babu, Associate Professor of CSE, SIT attended Faculty Induction Programme organized by Teaching Learning Centre, Ramanujan College, New Delhi from 10<sup>th</sup> November to 9<sup>th</sup> December 2020.

### Faculty Achievements

- Dr.K.Suresh Babu, Associate Professor of CSE, School of IT, JNTUH, as Officer-In Charge Examinations at JNTUH SIT, successfully conducted M.Tech. Internal & External Examinations.
- Dr.K.Suresh Babu, Associate Professor of CSE, SIT, JNTUH has participated in the evaluation of National Education Alliance of Technologies (NEAT) for a National Alliance with EdTech Companies through a PPP model Courses, on behalf of NEAT Cell, AICTE, Ministry of Education, Govt. of India.

### Journal Papers Published by the Faculty

- Ms.Gizachew Fentahun Tsegaw, G.Praveen Babu, "Privacy-Preserving Multikeyword Similarity Search Over Outsourced Cloud data," in *AEGLAEUM Journal*, Vol. 8, Issue no. 7, pp. 1456- 1464, July 2020, ISSN No. 0776-3808.
- Ms.V.Rajaswi, Dr.M. Arathi, "Comments Mining with TF-IDF: Identification and Removal of Ingrained Bias", *The International Journal of analytics and experimental model analysis*, Volume XII, Issue IX, pp. 1353-1358, September 2020.
- Mr.R.Gopi, Dr.M.Arathi, "A novel approach for cohesion and quality topical phrase mining using QBA algorithm", *The International Journal of analytics and experimental model analysis*, Volume XII, Issue X, pp. 683-687, october 2020.
- Mr.Ch.Vinod Kumar, Dr.M.Arathi, "Frequent itemsets mining with privacy over large scale data", *International journal of creative research thoughts*, Volume 8, issue 11, pp. 2830-2839, November 2020.
- Mr.M. Teja, Dr.M.Arathi, "An effective model for user clustering to track similarities", *International journal of creative research thoughts*, Volume 8, issue 11, pp. 2704-2711, November 2020.
- Ms.V.Uma Rani, Dr.M. Sreenivasa Rao, "PrivGuard: Sensitivity Guided Anonymization based PPDM with Automatic Selection of Sensitive Attributes", Proceedings of International conference on Recent Trends & Technologies in Soft Computing (ICRTSC'20) from 28<sup>th</sup> -29<sup>th</sup> September 2020.
- Ms.V.Uma Rani, Dr.M.Sreenivasa Rao, Chakka Nikhil Kumar, "Centralized Access and Authorization Tool (CAAT) For Postgres Databases" *International Journal of Research* Volume IX, Issue VII, July/2020. ISSN NO: 2236-6124, Impact Factor 5.7, Page No: 117-124.
- Ms.V.Uma Rani, Dr.M.Sreenivasa Rao, Peetla Sravanthi, "Predicting whether the cancer is benign or malignant and comparing the machine learning models" *The International Journal Of Analytical And Experimental Modal Analysis*, Volume XII, Issue VIII, August/2020, ISSN NO:0886-9367, Impact factor 6.3, Page No:1165-1170.
- Ms.Ch.Kathyayini, V.Uma Rani "Providing QoS by joint optimization of Power control and Fogresources provisioning for mobile IoT devices" *The International journal of analytical and experimental modal analysis* ISSN NO:0886-9367 Volume XII, Issue VIII, August/2020 ISSN NO:0886-9367 Page No:803-809
- Ms.M.Alankritha, V.Uma Rani, M.Aishwarya "Deep Learning Based Prediction Framework of User specific Mobility Patterns" *International Journal of Creative Research Thoughts (IJCRT)* Volume 8, Issue 9 September 2020 ISSN: 2320-2882 pp. 1193-1200.

- Ms. Shiva Sneha Sri.V.Uma Rani “Deadline-Sensitive Tasks Using Auction- Based Vm Allocation in Distributed Edge Cloud” International Journal of Creative Research Thoughts (IJCRT) Volume 8, Issue 10 October 2020 ISSN: 2320-2882 pp.2424-32.
- Ms. Anupur Sushma Rayan, V.Uma Rani “Dynamically Allocating Cloud Resources Based on Demand Uncertainty” The International journal of analytical and experimental modal analysis Volume XII, Issue X, October/2020 ISSN NO:0886-9367 pp. 1579-86

### **New Appointments and Promotions**

- Dr.K.Suresh Babu, Associate Professor of CSE, SIT, JNTUH, identified as an Expert for evaluation of NEAT Courses, National Alliance with EdTech Companies through a PPP model Courses, on behalf of NEAT Cell, AICTE, Ministry of Education, Govt. of India.
- Dr.K.Suresh Babu, Associate Professor of CSE, SIT, JNTUH, nominated as a member of Board of Studies in the Department of CSE at CMRCET for a period of three years by JNTUH.
- Dr.K.Suresh Babu, Associate Professor of CSE, SIT, JNTUH appointed as Officer-In Charge Examinations at JNTUH SIT on 29<sup>th</sup> October 2020.
- Dr.K.Suresh Babu, Associate Professor of CSE, SIT, JNTUH was appointed as Coordinator on 6<sup>th</sup> December 2020 for Two Day Workshop on “Cyber Security” organized by JNTUH SIT from 29<sup>th</sup>-30<sup>th</sup> January 2021.
- Dr. M. Arathi, Associate Professor in CSE was appointed as Training and Placement Officer on 29<sup>th</sup> 2020 at SIT, JNTUH.

### **School of Management Studies**

#### **New Equipment/Software Installed**

- MATLAB Software in Computer Lab from University.

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

- Dr.Sindhu, Professor, Director I/C & BoS Chairperson, organised and coordinated a one day online National Workshop the title is “Rural Entrepreneurship Development” for the entire affiliated Colleges faculty. Conducted by Mahatma Gandhi National Council of Rural Education, Dept of Higher Education, Ministry of HRD, Govt of India on 25<sup>th</sup> September 2020.
- Dr.Sindhu, Professor, Director I/C & BoS Chairperson and Dr.C.S.Ahalad Rao organised an

online (Google Meet) one day workshop the title is “Corporate Compliance Management” on 19<sup>th</sup> September 2020.

- Dr.Sindhu, Professor, Director I/C & BoS Chairperson & Sri.Ganesh Nag Doodi, CEO Brain O Vision organized an online One Day workshop on “DART Programming Language” on 27<sup>th</sup> July 2020.
- **Details of Webinars/ Conferences/ Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty**
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS attended a One Day National Webinar on “Transforming Internships in Digital” organized by TCS on 30<sup>th</sup> July 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS attended a One Day National webinar on “Impact of Covid-19 on the Future of Higher Education” organized by Lead India-Jawaharlal Nehru Technological University Alumni Association. Smt. Tamilisai Soundararajan Honorable Governor and Chancellor of the University was the chief Guest of the Webinar on 4<sup>th</sup> July 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS attended a One Day National FDP on “Conclave on Transformational Reforms in Higher Education under National Education Policy 2020” organised by Ministry of Human Resource Development and University Grants Commission on 7<sup>th</sup> August 2020
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS attended a One Day International Webinar on “JNTUH Alumni Association US Chapter” Inauguration by Smt. Tamilisai Soundararajan Honorable Governor and Chancellor of the University was the Chief Guest of the Webinar on 15<sup>th</sup> November 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS attended a One Day International Webinar on “Entrepreneurship and Future of Digital Economy” organized by JNTUH Alumni Association US chapter on 12<sup>th</sup> December 2020.
- Ms.A.Santosh Kumari, Asst.Professor, SMS, JNTUH attended a One Day National Webinar on “National Education Policy 2020: A new Paradigm – Higher Education-Changes and Impact” on 29<sup>th</sup> August 2020.
- Ms.A.Santosh Kumari, Asst.Professor, SMS, JNTUH attended a One Day International Virtual Summit on “International Special Economic Zone Investment Summit (Online)- The Reset of Globalization and Rising India Opportunity” Online Summit on 28<sup>th</sup> August 2020.
- Ms.A.Santosh Kumari, Asst.Professor, SMS, JNTUH attended a Five Day National FDP on “AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)” from 24<sup>th</sup>-28<sup>th</sup> August 2020.

- Ms.A.Santosh Kumari, Asst.Professor, SMS, JNTUH attended a One Day National Webinar on “Illness to Wellness- Mental Health & Wellness during COVID -19” on 25<sup>th</sup> August 2020.
  - Ms.A.Santosh Kumari, Asst.Professor, SMS, JNTUH attended a One Day National Webinar on “National Education Policy- 2020” on the Occasion of “International Youth Day Celebrations” organized by O.Y.S.T.E.R. NGO, Telangana on 12<sup>th</sup> August 2020.
  - Ms.A.Santosh Kumari, Asst. Professor, SMS, JNTUH attended a One Day National Webinar on “National E-Summit on Revival of Indian Financial Market Post COVID-19 Role of Alternative Source of Funding” on 18<sup>th</sup> August 2020.
  - Ms.A.Santosh Kumari, Asst. Professor, SMS, JNTUH attended a One Week National FDP Short Term Course on “Outcome Based Education: Curriculum Design, Teaching, Learning and Assessment Strategies STP” from 21<sup>st</sup> -26<sup>th</sup> July 2020.
  - Ms.A.Santosh Kumari, Asst. Professor, SMS, JNTUH attended a One Week National FDP on “Structural Equation Modeling (SEM) Using AMOS & Smart PLS” from 10<sup>th</sup> -14<sup>th</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a Four Day National FDP on “Python Programming” from 15<sup>th</sup>-18<sup>th</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a One Week National FDP on “Research Opportunities in Image Processing and Machine Learning” from 29<sup>th</sup> June to 3<sup>rd</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a One Day National Workshop on “Dart Programming” on 27<sup>th</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a Two Day National Workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” from 15<sup>th</sup> -16<sup>th</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a Three Day National TTT program on “Modern Online Tools and Software for Remote Teaching and E-Content Development” from 4<sup>th</sup>-6<sup>th</sup> August 2020.
  - Mr.M.Naveen Kumar, Asst. Professor (C), attended a One Day National live Webinar on “Ieee Membership Make You Better Professional” on 10<sup>th</sup> July 2020.
  - Mr.M.Naveen Kumar, Asst. Professor(C), attended a Two Day National FDP on “Interactive Session on Living Integrally” from 27<sup>th</sup>-28<sup>th</sup> July 2020.
  - Dr.G.Ramesh, Asst. Professor (C) attended a One Week International FDP on "Research Methodology and Applied Statistics using SPSS" organized by Rajiv Gandhi Night College of Arts and Commerce in association with Score Achievers.com from 22<sup>nd</sup> - 28<sup>th</sup> July 2020.
  - Dr.G.Ramesh, Asst. Professor (C), attended a One Day National Workshop on “Online Tools for Building Communication Skills” organized by the Department of English, Govt. Degree College, Srikalahasti, Chittoor on 28<sup>th</sup> July 2020.
  - Dr.G.Ramesh, Asst. Professor (C), attended a One Day International Workshop on "World's Largest Dart Program" on 27<sup>th</sup> July 2020.
  - Dr.G.Ramesh, Asst. Professor (C), attended a One Day National Workshop on "Yoga- Know Your Caliber" organized by SMS JNTUH in association with Nava Yuga on 18<sup>th</sup> August 2020.
  - Dr.G.Ramesh, Asst. Professor (C), attended a Three Day National Webinar on “Modern online Tools and software for Remote Teaching and E-Content Development” from 4<sup>th</sup> -6<sup>th</sup> August 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a One Day National live Webinar on “New Trends in Logistics and Supply Chain Management” on 8<sup>th</sup> August 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a One Day National Workshop on “Dart Programming” on 27<sup>th</sup> July 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a Two Day National Workshop on “Free and Open Source Alternative for Web Conferencing and Teaching Learning” from 15<sup>th</sup> -16<sup>th</sup> July 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a One Day National E-Seminar on “The Role of Diplomatic Mission in Assisting Migrants During and Beyond Corona” on 14<sup>th</sup> July 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a Five Day National FDP on “Data Science we and Analysis” from 7<sup>th</sup> -11<sup>th</sup> July 2020.
  - Ms.K.Sowjanya, Asst. Professor (C), attended a One Week National Workshop on “Research Methodology & Applied Statistics using SPSS” from 22<sup>th</sup>- 28<sup>th</sup> July 2020.
  - Mr.M.Satya Prakash, Asst. Prof (C), attended a One Day Orientation program on “Need for Develop and Prepare to Join Corporate” on 21<sup>st</sup> November 2020.
  - Mr.M.Satya Prakash, Asst. Prof (C), attended a One Day Orientation program on “Self Awareness Exercise Hard Skills, Soft Skills and Life Skills required for MBA Students” on 5<sup>th</sup> December 2020.
- Keynote Address / Invited Talks/Expert Lectures Delivered by the Faculty**
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was the Chief Guest for the Valedictory Programme on “Dynamic Transformation of Innovative Teaching: Pedagogy” at MBA dept, Vaagadevi College of Engineering, Warangal on 28<sup>th</sup> November 2020.
  - Dr.Sindhu, Professor, Director I/C & Chairperson BoS was Resource Person for a Session on “Team Building and Negotiation Skills” One Week short



term programme on Soft Skills and Professional Ethics organized by UGC HRDC, JNTUH on 2<sup>nd</sup> November 2020 (2 pm to 5 pm).

- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was the Chief Guest on One Day Workshop on “Rural Entrepreneurship Development Cell” organized by Mahatma Gandhi National Council of Rural Education, Dept of Higher Education, Ministry of HRD, Govt of India on 25<sup>th</sup> September 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was the Key Note Speaker on “Innovations in Finance and Operations” in Two Day National-Conference on Innovations in Management Teaching and Research Methods” organized by AICTE, Vaagdevi College of Engineering, Warangal from 18<sup>th</sup> -19<sup>th</sup> September 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was the Resource Person for Two Day FDP on “Managing Sustainability in Turbulent Times and Topic is Financial Strategies-Liquidity and Investment Management” organized by Dept. of Mathematics & Humanities, MGIT, Hyderabad from 29<sup>th</sup> -30<sup>th</sup> July 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS Resource Person for the Webinar on “Financial Decisions Making-Post Covid-A Perspective of Industry and Individual” organized by Hindu College of Management, affiliated to Acharya Nagarjuna University, Guntur on 25<sup>th</sup> July 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was Chief Guest and Key note Speaker of the Valedictory Session one week FDP on “Structural Equation Modeling using AMOS and SMART PLS” organized by Dept of MBA,CMR College of Engineering and Technology, Hyderabad from 14<sup>th</sup> - 19<sup>th</sup> July 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was the Jury Person for the Entrepreneurship Development Programme on “ENLITE 2020” organized by J-Hub, JNTUH on 3<sup>rd</sup> July 2020.
- Ms.A.Santosh Kumari, Asst. Professor was the Expert Guest Appearance on “Teaching Capacity Building during Pandemic” organized by CMRIT, Hyderabad on 31<sup>st</sup> July 2020.
- Ms.A.Santosh Kumari, Asst. Professor was the Guest Speaker on “Digital Marketing Social Media Storage Device” organized by Geetanjali College of Engg, Hyderabad in September 2020.
- Ms.A.Santosh Kumari, Asst. Professor was the Resource Person Sponsored by ATAL FDP Sponsored by AICTE on “Stress Management” organized by JNTUH CEJ on 28<sup>th</sup> November 2020.
- Ms.A.Santosh Kumari, Asst. Professor was the Resource Person and Expert Lecture on Engineering Orientation on “Engineering Course Management” organized by JNTUH CEJ on 9<sup>th</sup> December 2020.

- Ms.A.Santosh Kumari, Asst. Professor was the Expert Lecture for National Webinar ATAL-AICTE Admin on “Online Education Opportunities & Challenges” organized by JNTUH CEJ on 15<sup>th</sup> December 2020.

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

- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was invite the Guest Lecture Sri.Uma Kanth Panda Joint Director, Electricity Regulatory Commission on “Business Analytics” organized by SMS, JNTUH on 21<sup>st</sup> August 2020.
- Dr.Sindhu, Professor, Director I/C & Chairperson BoS was invite the Guest Lecture S.Amarnath (Yoga Therapist) for Yoga for Health organized by SMS, JNTUH on 12<sup>th</sup> August 2020.
- Ms.A.Santosh Kumari, Asst.Professor was inviting Nava Yuga for YOGA- Know Your Caliber organized by SMS, JNTUH on 18<sup>th</sup> August 2020.

### **Any Other Achievements by the Staff**

- Ms.T.Hari Priya Title of the Thesis: Valuation of Indian Bonds from the Investor’s Perspective in July 2020 has been awarded Ph.D under the guidance of Dr.A.Rama Krishna and Dr. Sindhu.

### **New Appointments and Promotions**

- Dr.Sindhu, Professor & Director, SMS, JNTUH has been appointed as a Board of Studies member, Department of Business Management, Osmania University, Hyderabad.

### **Clubs and Activities**

- HR Club Activity - SPONTAN SPARK All HR Students MBA-II Year-I Semester on 22<sup>nd</sup> September 2020.
- Marketing Club Activity 1.0-Weekend of Inspiration and Creativity - All Marketing Students MBA-II Year-I Semester on 5<sup>th</sup> December 2020.
- MBA Students Activity- Corporate Social Responsibility- Distribution of Mask- All MBA Students MBA-II Year- I Semester on 9<sup>th</sup> December 2020.

### **NSS/NCC Activities**

- Haritha Haram, organized by Ms. A.Santosh Kumari, Asst. Professor, SMS, JNTUH.

### **Alumni Activities**

- Alumni Meetings/Activities organized by the Alumni Association: Initiated the Group
- Expert Lectures/Guest Lectures Delivered by the Distinguished Alumni Member(s): Attending the Alumini association Web series
- Alumni Contribution towards the Development of the Institute (Labs, Library etc.)

### **Forthcoming Events**

- “Introducing Curriculum BBA Rural Management and MBA in Rural Management Program” in association with Mahatma Gandhi National

Council for Rural Education (MGNCRE) Department of Higher Education, Ministry of Education, Government of India on 19<sup>th</sup> December 2020. The workshop is for all the faculty members of the MBA Department of affiliated Colleges of JNTUH.

### Directorate of Academic & Planning Standing Committee of the Academic Senate Meetings

- 48<sup>th</sup> meeting of the Standing Committee of the Academic Senate to be held on 13<sup>th</sup> October 2020 by circulation.
- 49<sup>th</sup> Meeting of the Standing Committee of the Academic Senate held on 12<sup>th</sup> November 2020 by through online.
- 50<sup>th</sup> Meeting of the Standing Committee of the Academic Senate held on 8<sup>th</sup> December 2020 through online.

### Board of Studies Meetings

- CSE Board of Studies meeting held on 10<sup>th</sup> -11<sup>th</sup> November 2020 to frame the II, III and IV Years Syllabus for the following newly approved B.Tech CSE courses and 2-Years MCA syllabus instead of 3-Years from the Academic Year 2020-21.

S. No.	AICTE S. No.	Name of the course
1	56	Computer Engineering (Software Engineering)
2	62	Computer Science and Engineering (Cyber Security)
3	66	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4	67	Computer Science and Engineering (Data Science)
5	69	Computer Science and Engineering (IoT)
6	70	Computer Science and Engineering (Networks)

### Purchase Committee Meetings

- Purchase Committee Meeting held on 10<sup>th</sup> December 2020 for finalisation of JNTUH Diary & Calendar 2021 and Internet Bandwidth for JNTUHH, JNTUHM/JNTUHCES.

### UGC-HRDC

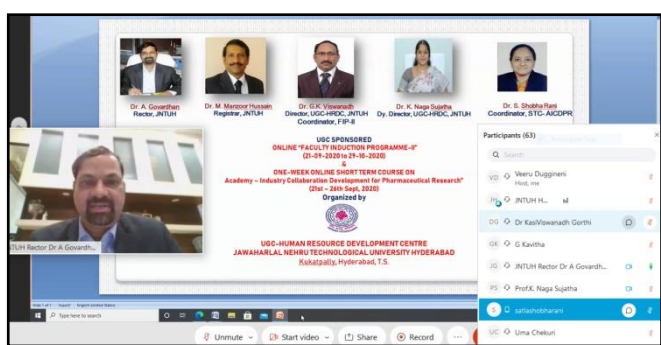
#### Details of Webinars/ Conferences/Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a One Day Webinar on “NAAC Assessment and Accreditation

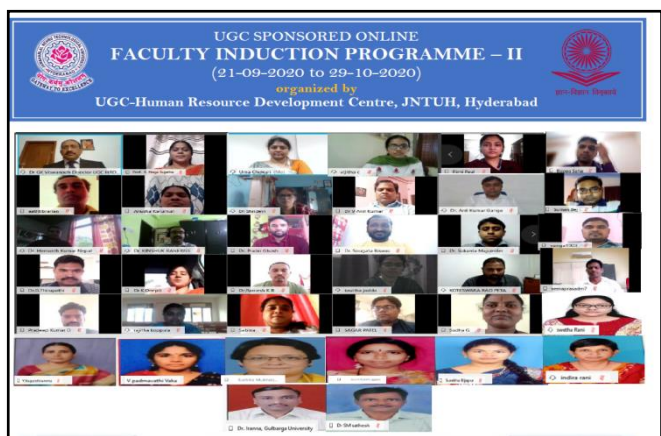
Process” with UGC funds, Chief Guests were Dr.A. Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH on 3<sup>rd</sup> July 2020 at UGC HRDC with 620 participants.

- Dr.A.Jayalaxmi, Professor, Dept. of EEE, JNTUH CEH organized a Five Day FDP on “AI Techniques to Electrical Engineering” with AICTE funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH, & Dr.M.Manzoor Hussain, Registrar, JNTUH from 6<sup>th</sup>-10<sup>th</sup> July 2020 at UGC HRDC with 180 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a Six Day Short Term Course on “MOOCs, e-Content Development and OERs” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH, from 13<sup>th</sup>-18<sup>th</sup> July 2020 at UGC HRDC with 178 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a Six Day Short Term Course on “Outcome Based Education – Curriculum Design, Teaching, Learning and Assessment Strategies” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 21<sup>st</sup>-27<sup>th</sup> July 2020 at UGC HRDC with 130 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a 30 working days “Faculty Induction programme-I”, UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020 at UGC HRDC with 40 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a One Day Webinar on “Prospects and Challenges of Engineering Graduates Post COVID” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH on 5<sup>rd</sup> August 2020 at UGC HRDC with 200 participants.
- Dr.BV Ram Naresh Yadav, Assoc. Professor, Dept. of CSE, JNTUH CES organized a Twelve Day Refresher Course on “Internet of Things” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 7<sup>th</sup>-19<sup>th</sup> September at UGC HRDC with 60 participants.
- Dr.M.Sunitha Reddy, Assoc. Professor, CPS, IST, JNTUH organized a Six Day Short Term Course on “Clinical Pharmacy & Pharmacotherapy in Healthcare” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 14<sup>th</sup>-19<sup>th</sup> September 2020 at UGC HRDC with 35 participants.

- Dr.K.Shahu Chatrapati, Professor & Head, Dept. of CSE, JNTUH CEM, Manthani & Dr.P.Swetha, Professor, Dept. of CSE, JNTUH CEJ, Jagtial organized a Six Day Short Term Course on “Deep Learning” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 14<sup>th</sup>-19<sup>th</sup> September 2020 at UGC HRDC with 24 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a 30 working days “Faculty Induction Programme-II” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 21<sup>st</sup> September 2020 to 29<sup>th</sup> October 2020 at UGC HRDC with 44 participants.



Inaugural Address by the Chief Guest Dr.A.Govardhan, Rector, JNTUH, Hyderabad in the Inaugural function of Online “Faculty Induction Programme-II” on 21<sup>st</sup> September 2020.



Group Photo of the participants of “Faculty Induction Programme-II” held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020.

- Dr.S.Shobha Rani, Assoc. Professor CPS, IST, JNTUH organized a Six Day Short Term Course on “Academy-Industry Collaboration Development for Pharmaceutical Sciences” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 21<sup>st</sup>-26<sup>th</sup> September 2020 at UGC HRDC with 23 participants.
- Dr.K.Naga Sujatha, Professpr of EEE & Dy. Director, UGC HRDC, JNTUH & Sri.C.Radha

Charan, Asst. Professor, Dept. of EEE, JNTUH CEJ, Jagtial organized a Twelve Day Refresher Course on “Soft Computing Techniques-Electrical Engineering” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 5<sup>th</sup>-20<sup>th</sup> October 2020 at UGC HRDC with 23 participants.

- Dr.M.Sunitha Reddy, Assoc. Professor, CPS, IST, JNTUH organized a Twelve Day Refresher Course on “Drug Discovery and Formulation Development” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 12<sup>th</sup>-27<sup>th</sup> October 2020 at UGC HRDC with 59 participants.
- Dr.M.N.Rajasekhara, Professor, Dept. of Mathematics, JNTUH CEJ, Jagtial organized a Six Day Short Term Course on “MATLAB Applications for applied Science & Engineering Problems” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 12<sup>th</sup>-19<sup>th</sup> October 2020 at UGC HRDC with 45 participants.



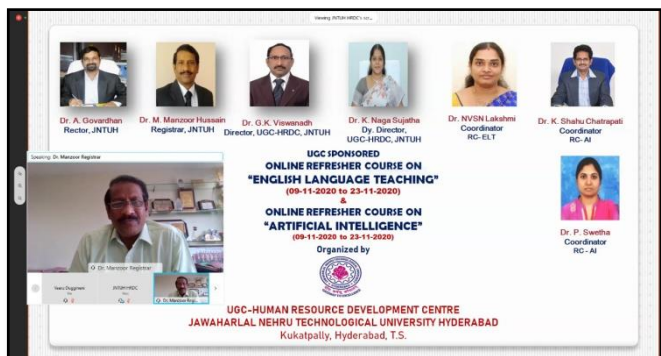
Inaugural Session of Online Refresher Course on “Drug Discovery and Formulation Development” and Short Term Course on “MATLAB applications for Applied Science and Engineering Problems” on 12<sup>th</sup> October 2020.

- Dr.V.Parvathi, Professor & Head, Dept. of H&SS, JNTUH CEH organized a Six Day Short Term Course on “Soft Skills and Professional Ethics” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 2<sup>nd</sup>-7<sup>th</sup> November 2020 at UGC HRDC with 57 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a 30 Working Days “Faculty Induction Programme-III” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 2<sup>nd</sup> November to 8<sup>th</sup> December 2020 at UGC HRDC with 45 participants.
- Dr. K. Shahu Chatrapati, Professor & Head, Dept. of CSE, JNTUH CEM, Manthani & Dr.P.Swetha, Professor, Dept. of CSE, JNTUH CEJ, Jagtial organized a Twelve Day Refresher Course on



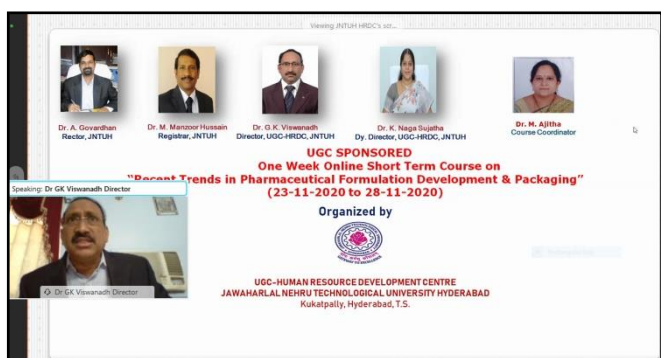
“Artificial Intelligence” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 9<sup>th</sup>-23<sup>rd</sup> November 2020 at UGC HRDC with 37 participants.

- Dr.NVSN Lakshmi, Asst. Professor, Dept. of H & SS, JNTUH CEH organized a Twelve Day Refresher Course on “English Language Teaching” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 9<sup>th</sup>-23<sup>rd</sup> November 2020 at UGC HRDC with 60 participants.



Address by the Chief Guest Dr. M. Manzoor Hussain, Registrar, JNTUH, Hyderabad in the Inaugural Session of Online Refresher Courses on “English Language Teaching” and “Artificial Intelligence” on 9<sup>th</sup> November 2020.

- Dr.M.Ajitha, Professor, CPS, IST, JNTUH, Hyderabad organized a Six Day Short Term Course on “Recent Trends in Pharmaceutical Packaging” with UGC Funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 23<sup>rd</sup>-28<sup>th</sup> October 2020 at UGC HRDC with 20 participants.



Address by Dr. GK Viswanadh, Director, UGC HRDC, JNTUH in the Inaugural function of Online STC on “Recent Trends in Pharmaceutical Formulation Development and Packaging” on 23<sup>rd</sup> November 2020.

- Dr.K.Vijaya Kumar, Professor of Physics & Coordinator, UAAC, JNTUH organized a Twelve Day Refresher Course on “Materials Physics and Materials Science” with UGC Funds, Chief Guest was Dr.Katta Narasimha Reddy, Former Vice-

Chancellor, MGU, Nalgonda & President, TAS, T.S. from 7<sup>th</sup> -21<sup>st</sup> December 2020 at UGC HRDC with 89 participants.



Address by the Chief Guest Dr. Katta Narasimha Reddy, Former Vice-Chancellor, MGU, Nalgonda & President TAS, TS in the Inaugural Session of Online Refresher Courses on “Materials Physics and Materials Sciences” and “Blockchain Technology” on 07<sup>th</sup> December 2020.

- Dr.BV Ram Naresh Yadav, Assoc. Professor, Dept. of CSE, JNTUH CES, Sultanpur organized a Twelve Day Refresher Course on “Blockchain Technology” with UGC Funds, Chief Guest was Dr. Katta Narasimha Reddy, Former Vice-Chancellor, MGU, Nalgonda & President, TAS, T.S. from 7<sup>th</sup> -21<sup>st</sup> December 2020 at UGC HRDC with 27 participants.

3 Days Online STC on Online Tools & Software for Remote Teaching -Learning  
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE (UGC-HRDC)  
Jawaharlal Nehru Technological University Hyderabad



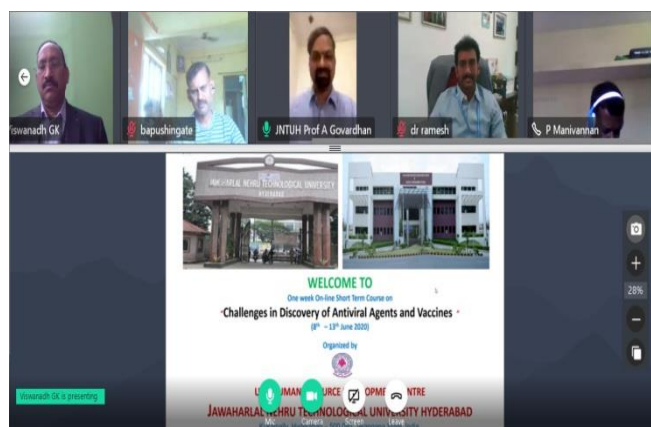
Inaugural session of Online Short Term Course on “Online Tools & Software for Remote Teaching-Learning” from 16<sup>th</sup> -18<sup>th</sup> May 2020.

- Dr.K.Naga Sujatha, Professor, Dept. of EEE & Dy. Director, UGC HRDC, JNTUH organized a Five Day Workshop on “Universal Human Values” with AICTE Chief Guest is Local Programme Coordinator of AICTE from 18<sup>th</sup> -22<sup>nd</sup> April 2020 at UGC HRDC with 89 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a Two Day

Workshop on “Online Tools & Software for Remote Teaching & learning” with UGC Funds, Chief Guest was Dr.A.Govardhan, Rector, JNTUH from 24<sup>th</sup>- 25<sup>th</sup> April 2020 at UGC HRDC with 960 participants.

- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH & Dr.K.Naga Sujatha, Professor, Dept. of EEE & Dy. Director, UGC HRDC, JNTUH organized a Three Day Short Term Course on “Online Tools and Software for Remote Teaching & Learning” with UGC funds, Chief Guest was Dr.A.Govardhan, Rector, JNTUH from 16<sup>th</sup>-18<sup>th</sup> May 2020 at UGC HRDC with 185 participants.
- Dr.G.K.Viswanadh, Professor of Civil Engineering & Director, UGC HRDC, JNTUH organized a Three Day Short Term Course on “Human Values and Ethics” with UGC funds, Chief Guest was Dr.A. Govardhan, Rector, JNTUH from 26<sup>th</sup>- 28<sup>th</sup> May 2020 at UGC HRDC with 118 participants.
- Dr.K.Naga Sujatha, Professor, Dept. of EEE & Dy. Director, UGC HRDC, JNTUH organized a Six Day Short Term Course on “Soft Computing Techniques-Renewable and Electrical Systems” with UGC funds, Chief Guest was Dr.A.Govardhan, Rector, JNTUH from 1<sup>st</sup>-6<sup>th</sup> June 2020 at UGC HRDC with 38 participants.
- Dr.B.Sathyanarayana, Assistant Professor & Head, Dept. of Chemistry, JNTUH CEJ, Jagtial, T.S. organized a Six Day Short Term Course on “Challenges in Discovery of Antiviral Agents and Vaccines” with UGC funds, Chief Guest was Dr.A. Govardhan, Rector, JNTUH from 8<sup>th</sup>-13<sup>th</sup> June 2020 at UGC HRDC with 201 participants.

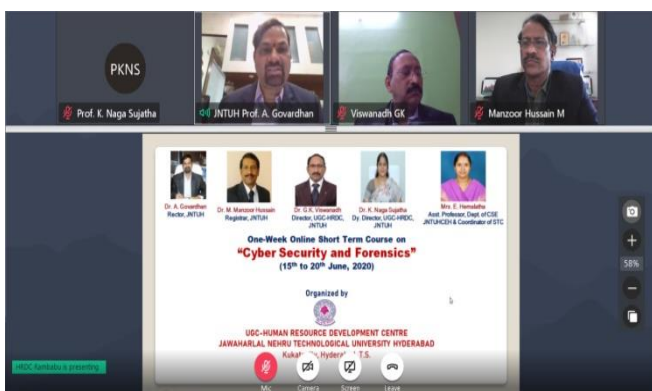
- Dr.M.Sunitha Reddy, Assoc. Professor, CPS, IST, JNTUH, Hyderabad organized a Six Day Short Term Course on “Developments in Advanced Drug Delivery Systems and Drug Discovery to treat life threatening Diseases” with UGC funds, Chief Guests were Dr.A.Govardhan, Rector, JNTUH & Dr.M. Manzoor Hussain, Registrar, JNTUH from 22<sup>nd</sup>-27<sup>th</sup> June 2020 at UGC HRDC with 150 participants.



Inaugural session of Online Short Term Course on “Cyber Security and Forensics” from 15<sup>th</sup> - 20<sup>th</sup> June 2020.



Inaugural session of Online Short Term Course on “Developments in Advanced Drug Delivery Systems and Drug Discovery to treat Life threatening Diseases” from 22<sup>nd</sup> - 27<sup>th</sup> June 2020.



Inaugural session of Online Short Term Course on “Challenges in Discovery of Antiviral Agents and Vaccines” from 08<sup>th</sup>-13<sup>th</sup> June 2020.

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

- Ms.E.Hemalatha, Assistant Professor Dept. of CSE JNTUH CEH, Hyderabad organized a Six day Short Term Course on “Cyber Security and Forensics” with UGC funds, Chief Guests were Dr.A. Govardhan, Rector, JNTUH & Dr.M.Manzoor Hussain, Registrar, JNTUH from 15<sup>th</sup> - 20<sup>th</sup> June 2020 at UGC HRDC with 48 participants.

- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH attended a Five Day workshop on “Universal Human Values” organized by AICTE, New Delhi from 18<sup>th</sup> -22<sup>nd</sup> April 2020.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH attended a FDP on “YOGA for Well-Being and Life Skills Development” from 21<sup>st</sup>-25<sup>th</sup> June 2020 organized by School of Education, Mahatma Gandhi Central University, East Champaran, Motihari, Bihar.



- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH attended a Five Day workshop on “Inculcating Universal Human Values in Technical Education” organized by AICTE, New Delhi from 10<sup>th</sup>-14<sup>th</sup> April 2020.

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

- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Evolution of Higher Education Sector in India” on 3<sup>rd</sup> August 2020 in the UGC sponsored Online “Faculty Induction Programme-I” held from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020 organized by UGC HRDC, JNTUH.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Evolution of Higher Education Sector in India” on 21<sup>st</sup> September 2020 in the UGC sponsored Online “Faculty Induction Programme-II” held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020 organized by UGC HRDC, JNTUH.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Latest Developments in Technology and their use in Education” on 5<sup>th</sup> October 2020 in the UGC sponsored Online “Faculty Induction Programme-II” held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020 organized by UGC HRDC, JNTUH.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Evolution of Higher Education Sector in India” on 2<sup>nd</sup> November 2020 in the UGC sponsored Online “Faculty Induction Programme-III” held from 2<sup>nd</sup> November to 8<sup>th</sup> December 2020 organized by UGC HRDC, JNTUH.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Latest Developments in Technology and their use in Education” on 11<sup>th</sup> November 2020 in the UGC sponsored Online “Faculty Induction Programme-III” held from 2<sup>nd</sup> November to 8<sup>th</sup> December 2020 organized by UGC HRDC, JNTUH.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Latest Developments in Technology and their use for Educational Purposes” and “Use of Free/Open Source Software/Hardware in Education” on 26<sup>th</sup> September 2020 in the UGC sponsored 30 working days “Faculty Induction Programme-I” held from 8<sup>th</sup> September to 7<sup>th</sup> October 2020 organized by UGC HRDC, Pondicherry University, Pondicherry.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Latest Developments in Technology and their use for Educational Purposes” and “Use of Free/Open Source Software/Hardware in Education”

on 19<sup>th</sup> November 2020 in the UGC sponsored Online Refresher Course on “MOOCs and e-Content Development” held from 17<sup>th</sup>-30<sup>th</sup> November 2020 organized by UGC HRDC, Pondicherry University, Pondicherry.

- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Latest Developments in Technology and their use for Educational Purposes” and “Use of Free/Open Source Software/Hardware in Education” on 14<sup>th</sup> December 2020 in the UGC sponsored 30 working days “Faculty Induction Programme-II” held from 3<sup>rd</sup> December 2020 to 1<sup>st</sup> January 2021 organized by UGC HRDC, Pondicherry University, Pondicherry.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered a talk on “Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth” and “Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for Creative Results” on 21<sup>st</sup> August 2020 in the UGC sponsored Online “Faculty Induction Programme-I” held from 3<sup>rd</sup> August to 10<sup>th</sup> September 2020 organized by UGC HRDC, JNTUH.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered a talk on “Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth” and “Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for Creative Results” on 13<sup>th</sup> October 2020 in the UGC sponsored Online “Faculty Induction Programme-II” held from 21<sup>st</sup> September to 29<sup>th</sup> October 2020 organized by UGC HRDC, JNTUH.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered a talk on “Fundamentals of Strategic and Transformational Leadership, Developing Organization Aspiration and Strategy for Growth” and “Different kinds of Leadership-Result Oriented Leadership, Creative Leadership, Leading for Creative Results” on 2<sup>nd</sup> December 2020 in the UGC sponsored Online “Faculty Induction Programme-III” held from 2<sup>nd</sup> November to 8<sup>th</sup> December 2020 organized by UGC HRDC, JNTUH.
- Dr. K. Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered a talk on “Women in Engineering in Power, Energy & Industry Sectors in India-Opportunities & Challenges” on 26<sup>th</sup> July 2020 organized by IEEE Hyderabad Section, Hyderabad.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered a talk on “Renewable Energy Integration, Energy Management



& Storage” in the AICTE Training & Learning (ATAL) Academy FDP on 25<sup>th</sup> August 2020 organized by the Dept. of EEE, Nalla Malla Reddy Engineering College, Hyderabad.

- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH delivered Inaugural Address on 2<sup>nd</sup> December 2020 in 20 Day Student Induction Programme organized by Global Institute of Engineering & Technology, Chilkur (V), R.R. Dist.
- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH delivered a talk on “Digital Initiatives of GoI in Higher Education: Swayam, Swayamprabha, NDL, NAD etc.” in the UGC sponsored Online Short Term Course on “MOOCs, e-Content Development and Open Educational Resources” from 13<sup>th</sup>-18<sup>th</sup> June 2020 organized by UGC HRDC, JNTUH.

### Journal Papers Published by the Faculty

- Mr.Harikrishna Muda, T.Mahesh, K.Naga Sujatha, and C.Bhargava “Operation of Droop-Controlled Hybrid Islanded Multiple Subgrids” Lecture Notes in Electrical Engineering “Innovations in Electrical and Electronic Engineering Proceedings of ICEEE 2020” Springer Volume 661, pg191, ISBN 978-981-15-4691-4.

### Faculty Achievements

- Dr.G.K.Viswanadh, Professor of Civil Engineering and Director, UGC HRDC, JNTUH has been conferred with ‘Life Time Golden Achievement Award (Gold Medalist) 2020’ by Bharat Rattan Publishing House.
- Dr.K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH received the award “Distinguished Educator Award” for her outstanding scholastic performance on 31<sup>st</sup> October 2020 by International Association of Educators and Corporate Trainers (IAECT), Mumbai.

### Any other achievements by the Staff

- Dr. K.Naga Sujatha, Professor of EEE and Dy. Director, UGC HRDC, JNTUH was elected as a National Level Executive Council Member of Systems Society of India on 30<sup>th</sup> September 2020 for the Term 2020-2023.

### Directorate of JNTUH Innovation Hub

#### Any other Achievements related to the College/Unit

- The Atal Ranking of Institutions on Innovation Achievements (ARIIA) -2020 has been announced on 18<sup>th</sup> August 2020 by the Hon'ble Vice-President of India. JHUB JNTUH has secured position in Band A (Rank 6 - 25) under Govt and Govt. Aided University category.



### Details of Webinars/ Conferences/ Seminars/ Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty Summer Programs at JHUB

- JHUB established in the year 2018 was envisioned to nurture the culture of Innovation, tech product development and startup incubation. The Summer Programs conducted at JHUB annually are a culmination of the year long activities seeding innovation at JLABS and mentoring at JHUB.

### EXCITE 2020

- The flagship programs EXCITE -A Six Week product engineering workshop was held from 17<sup>th</sup> June to 30<sup>th</sup> July 2020. Select teams from over 22 hackathons hosted by JLABS have been admitted to the workshop.
- Between Nov 2019 and Feb 2020 the Jlabs at various institutions have hosted Hackathons on the Theme “Sustainable Development Goals”. The top 3 teams of the hackathons have started the product journey at EXCITE 2020.
- From nearly 4000 hackathon participants and more than 450 demos, 63 teams are shortlisted for the workshop. Each of the Six weeks has been themed with the phase in product development, Proof of Concept, Market Research, First Prototype, Concept Mapping, Business Analysis, Final Demo. 17 of the 63 teams have been shortlisted for the semifinals and 11 teams are competing for the promising product category.

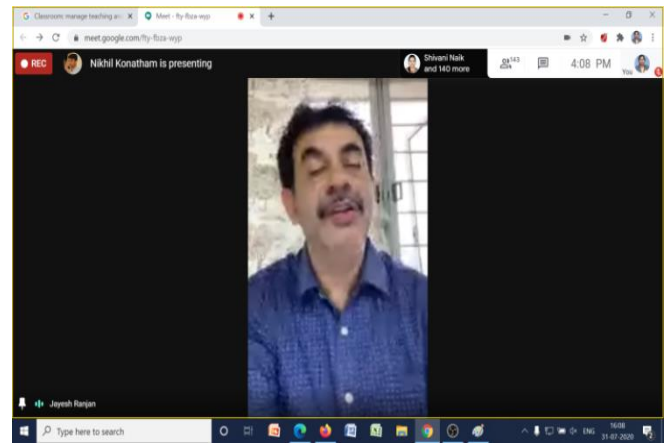
Team No.	Product Name	Position	Name of the College
EX-02	Online Voting System	FIRST	Malla Reddy Engg. College for Women
EX 09	Monstograin	SECOND	Vidya Jyothi Institute of Technology
EX 22	Histor-ER	THIRD	Malla Reddy Engg. College for Women

EX 01	New-Gen Faucet	FOURTH	Sreenidhi Institute of Science and Technology
EX 11	SD-BELT	FIFTH	Sreenidhi Institute of Science and Technology
EX 23	EDU-AR	SIXTH	Vidya Jyothi Institute of Technology

- During the program the participants had an opportunity to interact with 45 speakers from Industry and Innovation and Startup ecosystem and 15 entrepreneurs. More than 50 hrs of mentoring by able mentors with an average experience of 18 years in Industry on Commercial product development has been received by the teams.

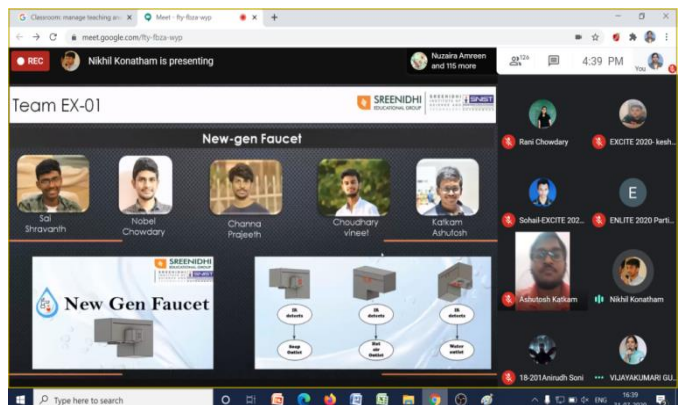
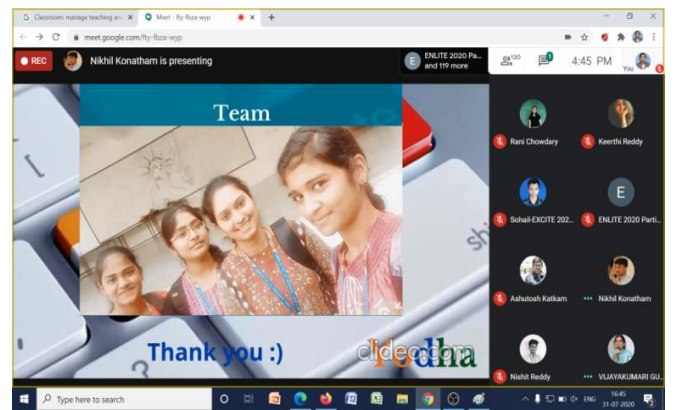
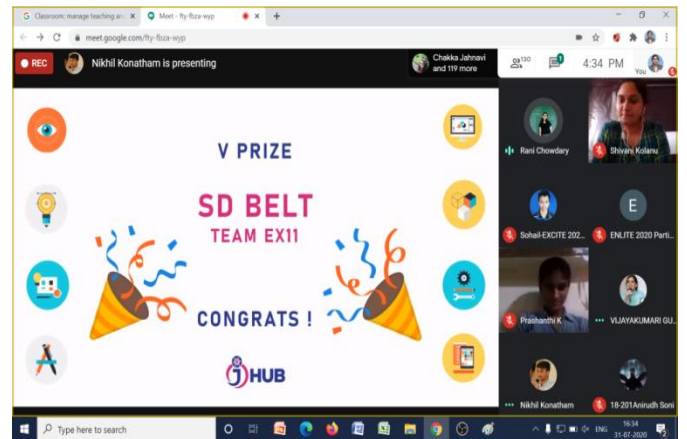
### ENLITE 2020

- ENLITE 2020 is a bootcamp on Entrepreneurship targeted for 2<sup>nd</sup> year students wherein they learn a game “VENTURE VOYAGE” designed by National Entrepreneurship Network of Wadhvani Foundation. The program featured sessions on Design Thinking, Team Building, Ideation, Opportunity Analysis, Business Modelling, Market Analysis, Finance Modelling. A unique feature of the program is that each day a early stage startup founder referred as E-Cub shared their story to the participants. The program was conducted from 29<sup>th</sup> June to 4<sup>th</sup> July 2020.
- IGNITE 2020: Is the first intervention program to B.Tech I year students. Students nominated from JLABS camp at JHUB for 3 days to start their innovation Journey. IGNITE 2020 received 1147 nominations from the colleges. It featured case studies and teaser events on Innovation. 280 participants have successfully participated in the challenge of Problem finding and prototyping. It was held from 24<sup>th</sup> -26<sup>th</sup> July 2020.
- We know we are facing a challenge which disrupted ways the workshops are held. JHUB remains committed to support innovations generate excitement and allow you to be connected from a distance. All the programs are conducted online through google classroom and Google Meet.
- Hon’ ble Vice-Chancellor I/C JNTUH and IT secy Govt of Telangana, Shri Jayesh Ranjan IAS delivered the Valedictory address.
- The tenacity, adaptability and talents of the participants is commendable and we remain committed to celebrate the accomplishments and success of the batches EXCITE, ENLITE and IGNITE 2020.



Hon’ ble Vice-Chancellor I/C JNTUH Shri. Jayesh Ranjan IAS delivered the Valedictory address.

### Some of the Snippets



## UNIVERSITY LIBRARY

### JNTUH Library: Information about the Books/Journals/Online sources/ Unique Features/Facilities.

#### Print Books:

#### Budget Sanction: (Rs. 20 Lakhs) Under Process

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

#### Print Journals: (Rs. 10 Lakhs)

- University Library has renewed subscription to 209 Nos. of print journals of National/International journals for the year 2020 for an amount of Rs. 10.00 Lakhs.

#### Digital Library: Online / e-resources

#### Online Journals: (Rs. 72 Lakhs)

- University Library renewed subscription to 11 Nos. of E-resources/ Online Journals of National/International journals & databases as per AICTE for the year 2020.

#### E-Books: (Rs. 30.09 Lakhs)

- Providing perpetual access to 423 Nos. of e-books to the academic users of JNTUH campus and also to all the four Constituent Colleges at Hyderabad, Sulthanpur, Jagitial and Manthani for an amount of Rs. 30.09 Lakhs (Rupees thirty lakhs and nine thousand only).

#### Initiation/Establishment/Development: Remote Access Service

- Towards the benefit to the staff, researchers & students, the University Library has newly installed and implemented the **Remote Access Service** to the subscribed online journals/e-resources to the University campus and to its constituent's colleges through a single window RemoteXs cloud platform.

#### NSS Activites

S.No.	Name of Activities	Name of the Hosting College	Date of Activity	Organized by
1	Telangana Ku Haritha Haram	JNTUH Constitute and Affiliated Colleges	20 <sup>th</sup> June 2020	JNTUH NSS Cell
2	Telangana Ku Haritha Haram	JNTUH Constitute and Affiliated Colleges	22 <sup>th</sup> June 2020	JNTUH NSS Cell
3	Internation	JNTUH	21 <sup>st</sup> June	JNTUH

	al Yoga Day	Constitute and Affiliated Colleges Collaboration with Heartfulness Society	2020	NSS Cell
4	Swachtha action Plan about COVID - 19	JNTUH Constitute and Affiliated Colleges	May 2020	JNTUH NSS Cell
5	Enrol the colleges and students as members of youth Red Cross in Indian Red Cross Society in every Dist	JNTUH Constitute and Affiliated Colleges collaboration and Red Cross Society	1 <sup>st</sup> November to 31 <sup>st</sup> December 2019 and May 2020	JNTUH NSS Cell
6	SWACHH BHARAT H summer internship	JNTUH Constitute and Affiliated Colleges collaboration	JUNE - 2020	JNTUH NSS Cell
7	Gandagi Mukti Bharat (GMB) in Rashtriya Swachhta Kendra	JNTUH Constitute and Affiliated Colleges collaboration	9 <sup>th</sup> -31 <sup>st</sup> August 2020	JNTUH NSS Cell
8	Haritha Haram in the occasion of 15 <sup>th</sup> August 2020	JNTUH NSS Cell	14 <sup>th</sup> August 2020	JNTUH NSS Cell
9	Fit India Freedom Run	JNTUH Constitute and Affiliated Colleges collaboration	15 <sup>th</sup> August to 2 <sup>nd</sup> October 2020	JNTUH NSS Cell
10	Tobacco Free	JNTUH Constitute and Affiliated Colleges	1 <sup>st</sup> -31 <sup>st</sup> May 2020	JNTUH NSS Cell
11	Jal Shakthi Abiyayan (JAS) focused on water conservation	JNTUH Constitute and Affiliated Colleges	29 <sup>th</sup> July 2020	JNTUH NSS Cell



## Gandagi Mukht Bharat (GMB)

S.No.	Date	Total No of NSS Units involved in the Programme	Total No of NSS Volunteers participated in the programme	Specific activity
1	08.08.2020	40	4000	Watch the Inauguration program
2	10.08.2020	2	30	Total No of Wall Paintings
3	11.08.2020	2	30	Total No of Wall Paintings
4	11.08.2020	1	50	Total No of Saplings Planted
5	11.08.2020	1	50	Total No of Saplings Planted

Sumalatha, NSS Program officer. Total 125 students and 10 teaching and non-teaching faculty participated in the inauguration of RSK. Wall painting was successfully conducted with the support and guidance of Dr.Ch.S.Vijaya Vani, Principal and Shri. Ch.Venugopal Reddy, Honourable Chairman. Students had also greatly participated in the wall painting at their surroundings.



## NSS Activites / Programmes at JNTUH Constituent and Affiliated Colleges



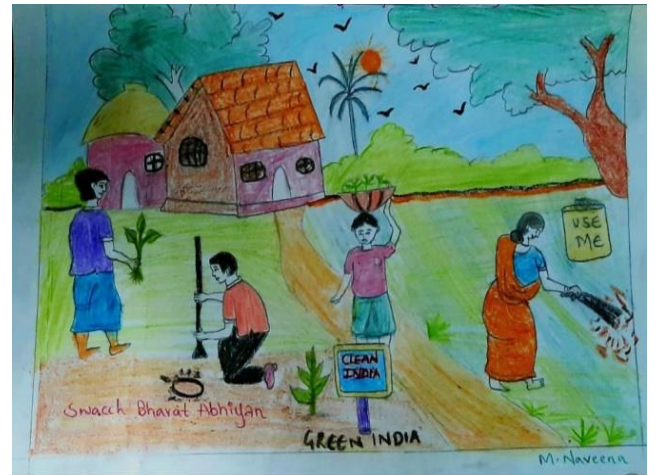
- The Rashtriya Swachhata Kendra was inaugurated on 8<sup>th</sup> August 2020. On this occasion, the Ministry of Youth Affairs & Sports, Govt. of India, has launched the Gandagi Mukht Bharat (GMB) campaign-a special week long campaign for swachhata from 8<sup>th</sup>-15<sup>th</sup> August 2020 has been scheduled.
- Under this circumstance, as per the instructions of NSS coordinator, NSS JNTUH, the NSS Units of JNTUH have organized the Wall Paintings, Saplings Plantation, Cleaning and Sanitized program at their College Level. A day-wise report in the attached proforma (Excel Sheet) submitted to Regional Directorate, NSS, Hyderabad and State NSS Officer Hyderabad.

## BHARAT INSTITUTE OF TECHNOLOGY

### Gandagi Mukti Bharat Campaign- Wall Painting

- The National Service Scheme (NSS) cell of Bharat Institute of Technology organized "Wall Painting" under "Gandagi Mukti Bharat Campaign (GMB)" from 10<sup>th</sup>-11<sup>th</sup> August 2020 after attending inauguration of Rashtriya Swachhata Kendra (RSK) on 8<sup>th</sup> August 2020. It was organized by Dr. G.

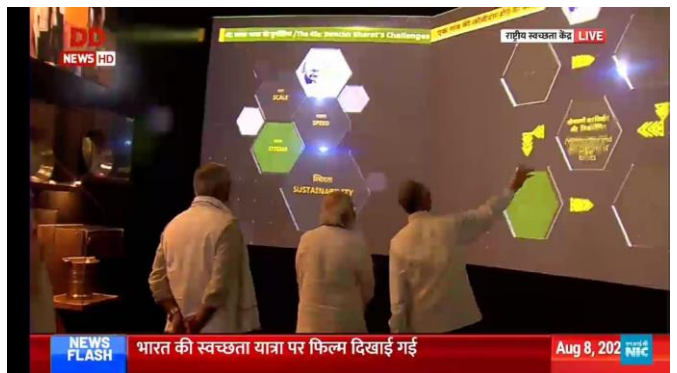
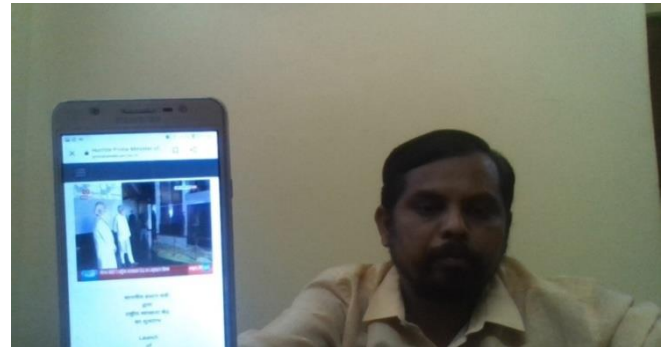




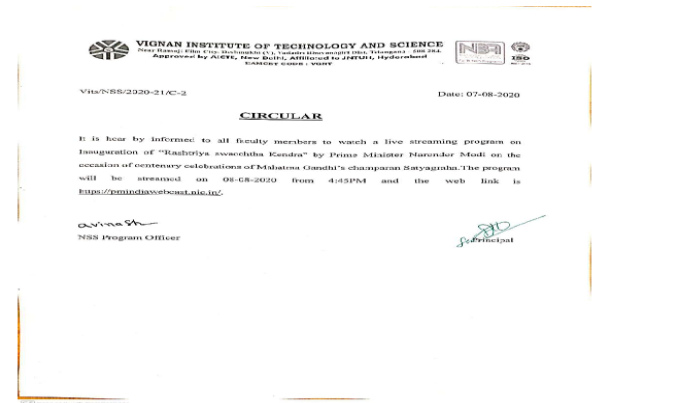
Heartly thanks to all those who participated in the “Inauguration of Rashtriya Swachhta Kendra” and “Gandgi Mukti Bharat Campaign-Wall Painting”.

### Report of Vignan Inst. of Technology and Science

### Wall Paintings









# Sree Visvesvaraya Institute of Technology and Science

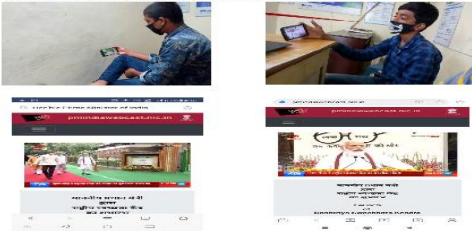
**SREE VISVESVARAYA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
 CHOWDEKOPALLY (V), DEVARAKALURTA (O), MAHABUBNAGAR (Dist)  
 National Service Scheme

With reference to the subject cited, JNTUH NSS Cell, regarding inauguration of Rashtriya Swachhta Kendra (RSK) our 32 No's of NSS volunteers has been watched the program through the pmindiawebcast.nic.in.

Some of the highlights of the Inauguration of Rashtriya Swachhta Kendra (RSK) are:

- As the inaugural speech our Prime Minister Shri Narendra Modi ji quoted that Rashtriya Swachhta Kendra (RSK) is a tribute to Mahatma Gandhi's efforts towards cleanliness on the occasion of 100<sup>th</sup> anniversary of Mahatma Gandhi ji.
- The installations at RSK will introduce future generations to successful journey of world's largest behavior change campaign, swachh bharat mission
- Swachh Bharat Mission has brought about a permanent change in our social consciousness & our behavior as a society. People are washing hands, spitting in public, disposing waste in dustbin & maintaining hygiene says PM Modi.
- We have a lot to learn from North-East. India gives a lot of importance to cleanliness.
- After taking a tour of the RSK, located near Raj Ghat, Modi Pm Modi ji interacted with 36 school students from Delhi and explored the exterior sections and various outdoor installations of the Rashtriya Swachhta Kendra.

And some of the pictures of our volunteers attached below:



# Mahatma Gandhi Institute of Technology





## Editorial Board



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2. Dr. A. Govardhan, Rector, JNTUH
3. Dr. M. Manzoor Hussain, Registrar, JNTUH
4. Dr. M. Madhavi Latha, Professor & Director, Academic and Planning]
5. Dr. V. Kamakshi Prasad, Professor & Director Evaluation
6. Dr. Ch. Venkata Ramana Reddy, Professor & Director, Admissions
7. Dr. K. Rammohan Reddy, Professor & Director, Academic Audit Cell
8. Dr. G. K. Viswanadh, Professor & Director, UGC HRDC
9. Dr. K. Vijaya Kumar Reddy, Professor & Director, R&D
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12. Dr. G. Krishna Mohan Rao, Professor & Director, IST
13. Dr. A. Damodaram, Professor & Director, SIT
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17. Dr. N. V. Ramana, Principal, JNTUH College of Engineering, Jagtial
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19. Dr. B. Balu Naik, Principal, JNTUH College of Engineering, Sultanpur
20. Dr. Parvathi Vudumula, Professor & HoD, H&SS and Newsletter Coordinator



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