



NEWSLETTER

June 2021 - March 2022

UGC-Human Resource Development Centre JNTUH

VISION

To *enhance* the quality of **teaching**, *stimulate* **research** and scholarly activities by *facilitating* an enriched academic **environment** integrated with instructional **technologies**.

MISSION

▪ Continually **support** and **empower** faculty particularly in Technical Education to keep them abreast in **discipline** and **profession**.

▪ Facilitate **holistic development** of faculty and contribute to individual, institutional and Community Development Through a variety of **programs** and **resources**

▪ To **anticipate** and **respond** to the changing needs of faculty development in consonance with the recommendations of the UGC and align with the University's mission to support **lifelong learning** for enhancing Quality of Education.

The UGC Human Resource Development Centre of JNTUH has been conducting diverse academic programmes by giving special emphasis to the NEP-2020, the latest technologies and paradigm shift in Higher Education in order to train the members of the faculty for their continuous professional development. The revolutionary changes in the evolution of current digital pedagogies have necessitated organizing several Faculty Induction Programmes for the newly joined faculty; Refresher Courses in the specified thrust areas of engineering, sciences, technology, management and communication skills and soft skills and Short Term Courses through online even during this pandemic period. Preparing a proficient generation of teachers in Higher Education is possible only through a systematic and well planned in-service teacher training, by equipping them with the latest advancements in the education, curriculum, pedagogical strategies and technology along with the values and integrity. The academic administrators should encourage the teaching faculty for attending the Faculty Development Programmes for their professional development to meet the requirements of changes in pedagogy and to understand and practice the Technology Enhanced Teaching-Learning processes.

I congratulate the UGC- HRDC of JNTUH on their commendable job in conducting numerous academic programmes meticulously for the benefit of the members of the faculty across the country in Higher Education.

---Prof. Katta Narasimha Reddy
Vice-Chancellor, JNTUH



Dear Colleagues,

Greetings! The UGC – Human Resource Development Centre, JNTUH is delighted to release its newsletter. The academic year 2021-22 has been going with great zeal and enthusiasm. To create high quality human resources and to adopt innovative approaches in Higher Education, the HRDC of JNTUH has been organizing several programs viz. Orientation Programmes, Faculty Induction Programme, Refresher Courses, Short Term Courses, Workshops, Faculty Development Programmes for the members of the Faculty. We have received approval for 22 courses from University Grants Commission for the year 2021-22, out of which 20 courses have been conducted successfully from June 2021 to March 2022.

As per the MoU between AICTE & JNTUH for conducting the Short Term Training Programmes for the faculty of AICTE approved Institutions affiliated to JNTUH.

The AICTE has sanctioned 11 programmes for the academic year 2021-2022. The University has conducted all the 11 Programmes i.e. 10 Programmes for the faculty of Engineering & Sciences and 1 Programme for Librarians, through HRDC of the University.

The HRDC also conducted One day workshop on "AICTE Quality Initiatives and Funding Opportunities" and a Webinar on "Competition Law & Public Procurement". With this Newsletter, I am pleased to report the detailed activities of UGC HRDC for the year 2021-22.



--- Dr. G.K. Viswanadh
Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

UGC-HRDC , JNTUH STAFF

Dr. G.K. Viswanadh

*Professor of Civil Engineering
&*

*Director, UGC-HRDC, JNTUH,
Hyderabad*

Dr.K.Naga Sujatha

Professor of EEE &

*Dy.Director, UGC-HRDC,
JNTUH, Hyderabad*

Sri C.V. Subramanyam

Assistant Registrar

Sri Md. Shameem Pasha

Junior Assistant

Technical Officer

Smt. Ch. Uma

Technical Team

Smt. G. Kavitha

Sri B. Chiranjeevi

Smt. K. Rathnavathi

Smt. M. Aruna

Smt. K. Durga

Sri B. Mangilal

Sri Y. Vamshi

UGC-Human Resource Development Centre, JNTUH

UGC-HRDC, JNTUH organising UGC sanctioned (diversified) programmes, AICTE sponsored programmes, TEQIP sponsored programmes, Outreach Programmes and other Self-Financing programmes. Successfully conducted 35 programmes during the year 2021-22.

- A total number of 4016 faculty members participated in the courses from all over the Country
- To explore the online Open Educational Resources and other Digital tools for creating active learning environment, the UGC-HRDC, JNTUH has initiated Online programmes to train the faculty members of Engineering and Degree Colleges all over India since June 2021
- Incorporated Interactive Teaching Learning Methods like Project Based Learning, Case Studies Based Learning, Interactive Game Based Learning, Group Discussions, Yoga practical sessions, Universal Human Values Sessions etc., in all the courses
- Automation was initiated for participant registrations, payment of registration fee, assignment submission, etc.
- Online Feedback system has been implemented for each and every session on daily basis to evaluate Resource Persons and the Programmes.
- Implemented Management Information System for Centralized Data Management, **Online Participant Registration** with **Online Payment** Integration, Integrated online Assignment, Feedback, Assessment submission, Attendance Tracking, Automatic Certificate Eligibility Processing / Review, Certificate generation along with Participant **Photo** and **QR Code**, Controlled User Access Management for participants, HRDC Staff, Program coordinators, Assignment Reviewers and all other stake holders of HRDC.



Staff of UGC HRDC, JNTUH

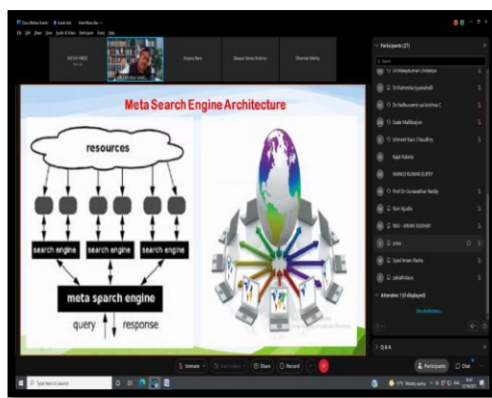
UGC-Human Resource Development Centre, JNTUH

Online “Faculty Induction Programme”

A online “Faculty Induction Programme” was organised from 28-06-2021 to 04-08-2021. A total number of 62 teaching faculty members from different disciplines of Engineering, Sciences & Management working in JNTUH and its Constituent Colleges, have attended the course.

The contents covered during this course were :

- Higher Education and its Ecosystem
- Curriculum Designing, Outcome based learning and Choice Based Credit System Teaching, Learning and Assessment
- Technology for Teaching and Assessment of I-generation Personal- Emotional Development and Counseling
- Research Professional Development and Academic Leadership Academic Integrity
- Constitutional Values, Human Rights and Fundamental Duties Environmental Consciousness and Sustainable Development Goals Strategic Planning and Management

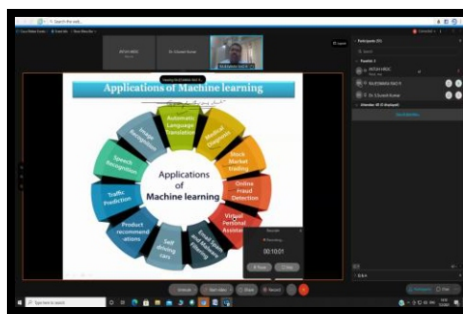


Session on “Open Educational Resources for Research” by Dr. J. Vivekavardhan, Associate Professor, Osmania University

One-Week Online Short Term Course on – “Artificial Intelligence and Machine Learning”

A one Week Online Short Term Course on “Artificial Intelligence and Machine Learning” was conducted during 28-06-2021 to 03-07-2021. A total number of 220 teaching faculty members from the departments of CSE, IT, ECE, EEE, Mechanical Engineering and related disciplines from different states of the country viz., Maharashtra, Karnataka, Andhra Pradesh & Telangana States have attended the course.

- Introduction to AI, Machine Learning and its case studies
- Types of Learning - Supervised, Unsupervised, Reinforcement learning – Examples
- Supervised Learning - Exploration of Algorithms - Mathematical Instution
- Exploratory Data Analysis - Understanding the data and Data Pre-processing- Feature Engineering
- Linear Regression, Logistic Regression, Decision Trees
- SVM, Kernel tricks, The Key Algorithm in Learning - gradient Decent
- KNN, Random Forest - various cases of KNN



Session on “Artificial Neural Networks” by Dr R Rajeswara Rao, Professor and Vice-Principal, JNTUK College of Engineering Vizianagaram

June 2021...

One-Week Online Short Term Course on “Artificial Intelligence and Machine Learning”



Coordinator

Dr. S. Suresh Kumar

Assistant Professor & Head
Dept. of IT, JNTUH CEJ, Jagtial, T.S.



Coordinator

Dr. Ch. Asha Jyothi

Assistant Professor, Dept. of IT,
JNTUH CEJ, Jagtial, T.S.

Online “Faculty Induction Programme”



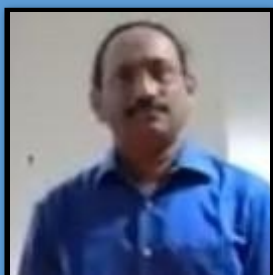
Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

July 2021...

Online “Faculty Induction Programme-5”



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

Two-week Online Refresher Course on “Drug Discovery, Drug Development and Analytical Interpretation of Data in Pharmaceutical Research”



Coordinator

Dr. M. Sunitha Reddy

Assoc. Professor
Centre for Pharmaceutical Sciences
IST, JNTUH, Hyderabad

UGC-Human Resource Development Centre, JNTUH

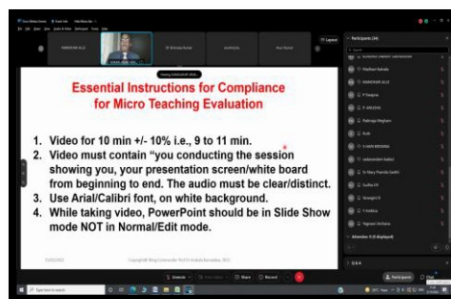


Inaugural function of FIP-5 and Refresher Course held on 12-07-2021

Online “Faculty Induction Programme-5”

A Online “Faculty Induction Programme-5” was conducted from 12-07-2021 to 18-08-2021. A total number of 43 teaching faculty members from different discipline of Engineering, Sciences, Arts, Commerce & Management from various states of country viz., Maharashtra, Karnataka & Telangana state, have attended the course.

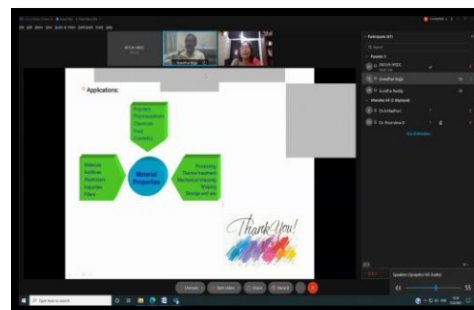
The contents covered during this course were: Higher Education and its Ecosystem Curriculum Designing, Outcome based learning and Choice Based Credit System Teaching, Learning and Assessment.



Session on “Group Discussion and Microteaching” by Dr. A. Kamalakar, President, Shapiro Foundation, Australia & visiting Professor, NALSAR

Two-week Online Refresher Course on “Drug Discovery, Drug Development and Analytical Interpretation of Data in Pharmaceutical Research”

A Two-week Online Refresher Course on “Drug Discovery, Drug Development and Analytical Interpretation of Data in Pharmaceutical Research” was organized from 12-07-2021 to 26-07-2021. A total number of 79 teaching faculty members from different disciplines of Pharmacy, Biotechnology, Nanotechnology, Chemistry and Life Sciences from various states of country viz., Telangana, Tamil Nadu, Maharashtra, Karnataka, West Bengal, Andhra Pradesh, Gujarat and Madhya Pradesh have attended the course.



Session on “Role of MS and LC-MS in Pharmaceutical Analysis and Drug Development” by Dr. U. Vijay Sarathi, Principal Scientist IICT

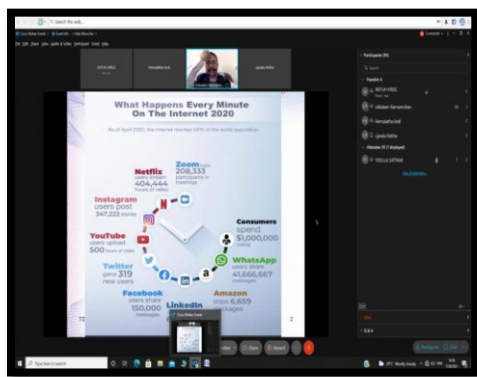
UGC-Human Resource Development Centre, JNTUH

One-Week Online Short Term Course on “Cyber Security and Forensics”

A One-Week Online Short Term Course on “Cyber Security and Forensics” was organized from 26-07-2021 to 31-07-2021. A total number of 36 teaching faculty members from all Engineering branches, working in Universities and Colleges from different states of country viz., Maharashtra, Karnataka & Telangana and Andhra Pradesh from all Engineering branches have attended the course.

Major Course Contents:

- Cryptography- Information Security
- Introduction to Cyber Security
- Cyber Forensics – Anti Forensics
- Cyberspace and the Law
- Cyber Crime – Case Studies
- Cyber Threats and Cyber Attacks Social Engineering
- IoT Security
- Demonstrations and practical
- Sessions on Kali Linux Distributions



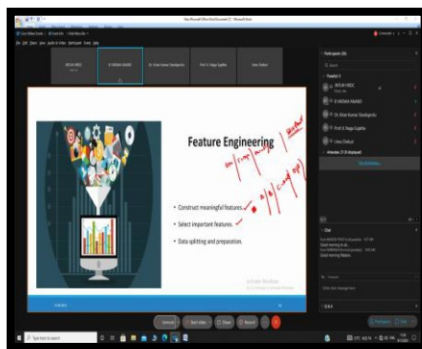
Session on “Cyber Crimes, Security & Forensics” by Sri U. Rama Mohan IPS.SP, Cyber Crimes in CID, Amaravathi, A.P.

Two-week Online Refresher Course on “Internet of Things”

A Two-week Online Refresher Course on “Internet Of Things” was organized from 09-08-2021 to 24-08-2021. A total number of 57 teaching faculty members from the departments of CSE, IT, Computational Linguistics, EEE, ECE and Bio-informatics, working in Universities and Colleges from various states of country viz., Telangana, Karnataka, Maharashtra, Andhra Pradesh, Tamil Nadu and West Bengal have attended the programme.

The contents covered during this course were:

- IoT Programming using Aurdino
- Understanding of IoT with Raspberripi
- Python Programming for Raspberripi
- Industrial IoT on Google cloud platform
- IoT Programming using Aurdino Understanding of IoT with Raspberripi
- Python Programming for Raspberripi
- Industrial IoT on Google cloud platform



Session on “IoT in Education” by Prof. S.R.N Reddy, Dept. of CSE, Indira Gandhi Delhi Technical University for Women, Delhi

July 2021...

One-Week Online Short Term Course on “Cyber Security and Forensics”



Coordinator

Dr. J. Ujwala Rekha
Associate Professor,
Dept. of CSE, JNTUH CEH,
Hyderabad



Coordinator

Mrs. E. Hemalatha
Asst. Prof., Dept. of CSE
JNTUHCEH, Hyderabad

Two-week Online Refresher Course on “Internet Of Things”



Coordinator

Dr. B.V. Ram Naresh Yadav
Assoc. Professor, Dept. of CSE,
JNTUH CES, Sultanpur, T.S.

August 2021...

Two-week Online Refresher Course on “Contemporary Development Trends in Materials Science and Engineering”



Coordinator

Dr. T. Sreekanth

Professor, Dept. of Physics JNTUH CEJ Jagtial, T.S.

One-Week Online Short Term Course On “Modern Methods In Organic Synthesis And Analytical Techniques”



Coordinator

Dr. Aparna Pasula

Assistant Professor Dept. of Chemistry JNTUH CEH, Hyderabad



Coordinator

Dr. T. Sabithakala

Assistant Professor Dept. of Chemistry JNTUH CEH, Hyderabad

UGC-Human Resource Development Centre, JNTUH

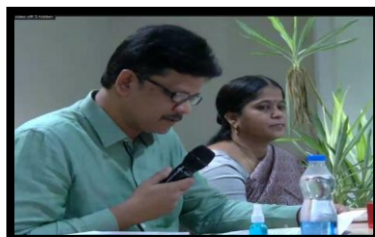


Inaugural function of Short Term courses on held 09-08-2021

Two-week Online Refresher Course on “Contemporary Development Trends in Materials Science and Engineering”

A Two-week Online Refresher Course on “Contemporary Development Trends in Materials Science and Engineering” was conducted from 09-08-2021 to 24-08-2021. A total number of 37 teaching faculty members from departments of Physics, Chemistry and Mechanical Engineering from various states of country viz., Telangana, Karnataka, Maharashtra, Delhi, Goa, West Bengal, and Tamilnadu have attended the programme.

Major Course Contents: Nanomaterials Biomaterials, Electronic & Optical materials Magnetic materials, Ceramics, Composites Glasses, Polymers Metal Alloys.



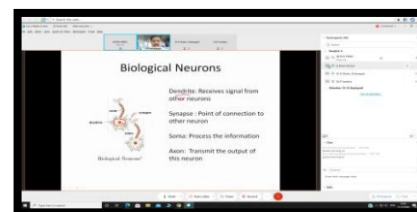
Address by the Course Coordinator Dr. T. Sreekanth, Professor of Physics, JNTUH CEJ Jagtial, T.S. in the Inaugural function of RCon 09-08-2021

One-Week Online Short Term Course on “Modern Methods In Organic Synthesis And Analytical Techniques”

A One-Week Online Short Term Course on “Modern Methods In Organic Synthesis And Analytical Techniques” was organized from 30-08-2021–06-09-2021. A total number of 36 teaching faculty members from the departments of Chemistry, Pharmacy and Chemical Engineering from various states of country viz., Telangana, Karnataka, Maharashtra and Gujarat have attended the course.

The contents covered during this course were:

- Computer Aided drug design
- Current trends in drug discovery
- Carbon based Engineering Materials
- Advanced Techniques in Mass Spectrometry



Session on “Surface Characterization by X-ray Photoelectron Spectroscopy” by Dr. B. Sreedhar, Senior Principal Scientist, IICT, Hyderabad

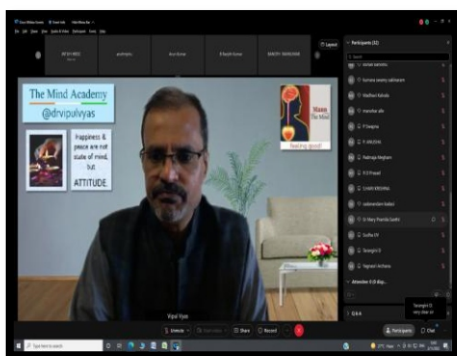
UGC-Human Resource Development Centre, JNTUH

Online “Faculty Induction Programme-6”

A Online “Faculty Induction Programme-6” was conducted from 30-08-2021 to 08-10-2021. A total number of 45 teaching faculty members from all branches of Engineering, Sciences, Arts, Commerce & Management from various states of country viz., Karnataka, Tamilnadu, West Bengal, Maharashtra & Telangana states, Assam, Andhra Pradesh and Odisha have attended the course.

The main contents covered during this course were:

- Higher Education and its Ecosystem Curriculum Designing, Outcome based learning and Choice Based Credit System Teaching, Learning and Assessment
- Technology for Teaching and Assessment of I-generation Personal-Emotional Development and Counseling Research Professional Development
- Academic Leadership Academic Integrity
- Constitutional Values, Human Rights Sustainable Development Goals Strategic Planning and Management



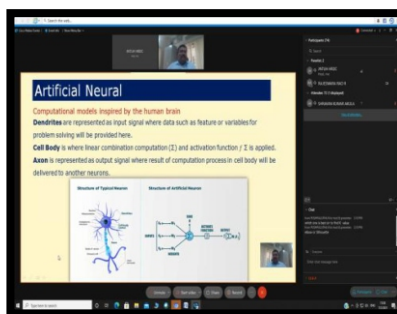
Session on “Emotional Intelligence” by Dr. Vipul Vyas, Director Mann-The Mind and Chief Facilitator & Life Coach, Mumbai

One-Week Online Short Term Course on “Deep Learning”

A One-Week Online Short Term Course on “Deep Learning” was organized from 30-08-2021 to 06-09-2021. A total number of 45 teaching faculty members from the departments of CSE, IT, ECE, EEE, Mechanical Engineering, Mathematics and Bio-Informatics, from various states of country viz., Karnataka, Uttar Pradesh & Telangana states have attended the course.

Major Course Contents:

- Introduction to Deep Learning
- Machine Learning Vs. Deep Learning
- Deep Learning Models
- Artificial Neural Networks
- Recurrent Neural Networks
- Convolution Neural Networks
- Restricted Boltzman Machine



Session on “Deep Learning Application to Remote Sensing” Prof. N. Rama Rao, Indian Institute of Space Science Technology, Trivandrum



One Day Webinar on “Competition Law & Procurement” (Advocacy Programme Under State Resource Persons scheme of CCI) was conducted on 28th August 2021. A total number of 40 officers of JNTUH & its Constitution from state of Telangana have attended the programme.

August 2021...

Online “Faculty Induction Programme 6”



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering & Director, UGC-HRDC, JNTUH

One-Week Online Short Term Course on “Deep Learning”



Coordinator

Dr. A. Kavitha

Assoc. Professor & Addl. Controller of Examinations Dept. of CSE JNTUH CEH, Hyderabad



Coordinator

Dr. S. Suresh Kumar

Assistant Professor & Head Dept. of IT, JNTUH CEJ, Jagtial, T.S.

September 2021...

Two-week Online Refresher Course on “Artificial Intelligence And Machine Learning”



Coordinator

Dr. B.V. Ram Naresh Yadav
Assoc. Professor, Dept. of CSE,
JNTUH CES, Sultanpur, T.S.



Coordinator

Dr. B. Kranthi Kiran
Assoc. Professor, Dept. of CSE,
JNTUH CEJ, Jagtial, T.S.

One-Week Online Short Term Course On “Recent Advances In Renewable Power”



Coordinator

Dr. K. Naga Sujatha
Professor of EEE & Dy. Director,
UGC-HRDC, JNTUH, Hyderabad



Coordinator

Dr. D. Kiran Kumar
Assistant Professor Dept. of EEE,
JNTUH CEH, Hyderabad

UGC-Human Resource Development Centre, JNTUH



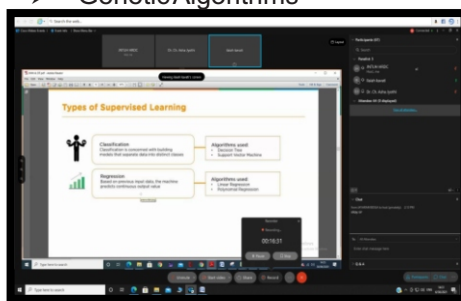
Lighting of Lamp by Prof. K. Katta Narasimha Reddy, Vice Chancellor, JNTUH in the Inaugural function of Refresher Courses on held 13-09-2021

Two-week Online Refresher Course on “Artificial Intelligence And Machine Learning”

A Two-week Online Refresher Course on “Artificial Intelligence and Machine Learning” was conducted from 13-09-2021 to 25-09-2021. A total number of 62 teaching faculty members from the departments of CSE, IT, EEE, ECE and ME, from various states of country viz., Telangana, Karnataka, Maharashtra, Goa, Gujarat, Haryana, Jammu and Kashmir and Tamilnadu have attended the programme.

The main contents covered during this course were:

- Introduction to AI
- Basic Search Techniques
- Heuristic Search Algorithms
- Knowledge Engineering
- Reinforcement Learning
- Machine Learning - Types
- Genetic Algorithms



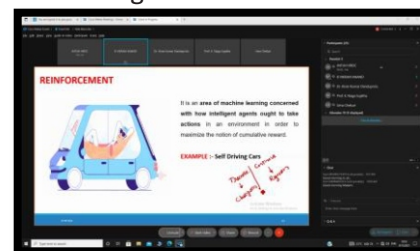
Session on “Hands on Python Programming and Hands on Python Programming” by Dr. Ilaiah Kavati, Asst. Professor of CSE NIT, Warangal

One-Week Online Short Term Course on “Recent Advances In Renewable Power”

A One-Week Online Short Term Course on “Recent Advances In Renewable Power” was organized from 13-09-2021 to 18-09-2021. A total number of 27 teaching faculty members from the departments of EEE and Mechanical Engineering, from various states of country viz., Telangana, Tamilnadu, Maharashtra and Andhra Pradesh have attended to the programme.

Major Course Contents:

- Introduction to Solar PV Technologies
- Smart micro grids Applications of AI in Renewable Energy Sources
- Applications of ML in Renewable Energy
- Solar Thermal Technologies Design



Session on “Applications of AI & ML in Renewable Energy Sources” by Mr. B Vikram Anand, Asst. Professor, GIET University

UGC-Human Resource Development Centre, JNTUH

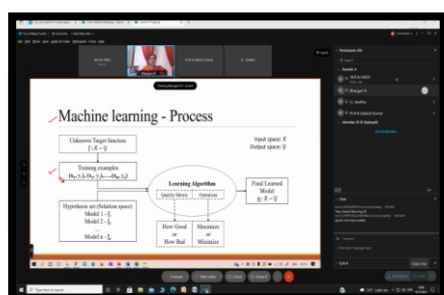
Online Short Term Training Programme (Sponsored by AICTE) “Advanced Machine Learning Algorithms”

A Online Short Term Training Programme (Sponsored by AICTE) “Advanced Machine Learning Algorithms” was conducted from 20-09-2021 to 25-09-2021. A total number of 341 teaching faculty members from the departments of CSE and IT, from various states of country viz., Telangana, Andhra Pradesh, Tamil Nadu and Maharashtra have attended the course.

Major Course Contents:

- Linear Regression
- Logistic Regression
- Decision Trees
- SVM
- Naive Bayes
- kNN
- K-Means
- Random Forest
- Dimensionality reduction algorithms

Gradient Boosting algorithms



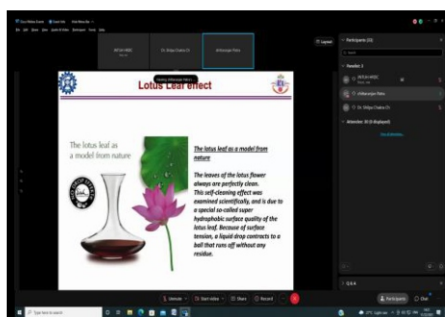
Session on “Logistic regression and K-means” by Dr R Bhargavi, Associate Professor, School of CSE, VIT Chennai

Online Short Term Training Programme (Sponsored by AICTE) “New Technology Development of Advanced Drug Delivery in Life Threatening Diseases”

A Online Short Term Training Programme (Sponsored by AICTE) “New Technology Development of Advanced Drug Delivery in Life Threatening Diseases” was conducted from 25-10-2021 to 30-10-2021. A total number of 341 teaching faculty members from departments of Pharmacy, Nanotechnology, Biotechnology and Chemistry, from various states of country viz., Telangana, Uttar Pradesh, Andhra Pradesh, West Bengal, Maharashtra, Gujarat, Madhya Pradesh and Tamil Nadu have attended the programme.

The main contents covered during this course were:

- Nano drug delivery systems
- Liposomal drug delivery of vaccines
- Transfersosomal drug deliver
- Nasal drug delivery
- Brain targeting drug delivery
- Recent advances in novel drug delivery systems



Session on “Polymeric Drug Delivery Systems” by Dr. Pradip Paik, Professor, IIT Bhuneswar, U.P.

September 2021...

Online Short Term Training Programme (Sponsored by AICTE) “Advanced Machine Learning Algorithms”



Coordinator

Dr. B. Sateesh Kumar

Professor, Dept. of CSE, JNTUH CEJ,
Jagtial, T.S.

Online Short Term Training Programme (Sponsored by AICTE) “New Technology Development of Advanced Drug Delivery in Life Threatening Diseases”



Coordinator

Dr. M. Sunitha Reddy

Assoc. Professor
Centre for Pharmaceutical Sciences
IST, JNTUH, Hyderabad

October 2021...

Online Short Term Training Programme (Sponsored By AICTE)
"Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems"



Coordinator

Dr. Sadanandam Perumandla

Assoc. Professor, Dept. of EEE Vaagdevi
College of Engineering Warangal, T.S.

Online Short Term Training Programme (Sponsored By AICTE)
"Blockchain and its Applications"



Coordinator

Dr. Bipin Bihari Jayasingh

Professor & Head, Dept. of Information
Technology, CVR College of Engineering
Malgalpalli, Ibrahimpatnam
Hyderabad, T.S

UGC-Human Resource Development Centre, JNTUH



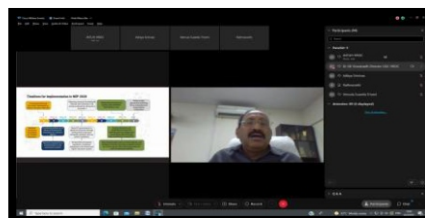
Short Term Training Programmes Inaugural function at UGC-HRDC, JNTUH on 04-10-2021

Online Short Term Training Programme (Sponsored By AICTE) "Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems"

A Online Short Term Training Programme (Sponsored By AICTE) "Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems" was conducted from 04-10-2021 to 12-10-2021. A total number of 172 teaching faculty members from department of EEE, from various states of country viz., Telangana, Maharashtra, Andhra Pradesh, Goa, Haryana, Himachal Pradesh, Madhya Pradesh, Tamil Nadu and West Bengal have attended the programme.

The main contents covered during this course were:

- Motor selection and advanced motor configurations with control techniques for Electric Vehicle
- Converter configurations and PWM algorithms for Electric Vehicle



Session on "National Education Policy - 2020" by Dr. G.K. Viswanadh, Professor of Civil Eng. & Director UGC-HRDC, JNTUH

Online Short Term Training Programme (Sponsored By AICTE) "Blockchain and its Applications"

A Online Short Term Training Programme (Sponsored By AICTE) "Blockchain and its Applications" was organized from 04-10-2021 to 12-10-2021. A total number of 267 teaching faculty members from the departments of IT, CSE and MCA, from various states of country viz., Telangana, Karnataka, Tamil Nadu and Andhra Pradesh have attended the programme.

Major Course Contents:

- Blockchain Introduction, Background & History
- Elements of game theory and Cryptocurrencies
- Message Digest for Block Chain & SHA256 Hash
- Public, Private & Distributed Ledger



Session on "Blockchain Technology" by Dr. E. Suresh Babu, Assistant Professor, NIT Warangal

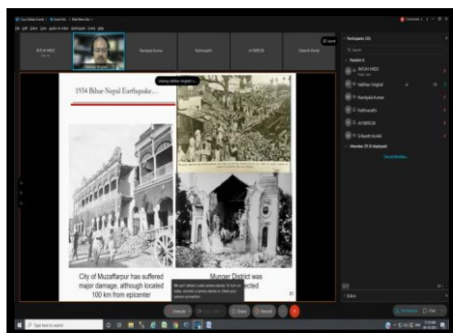
UGC-Human Resource Development Centre, JNTUH

Online Short Term Training Programme (Sponsored By AICTE) "Seismic Design of Multistory Buildings: IS 1893-2016"

A Online Short Term Training Programme (Sponsored By AICTE) "Seismic Design of Multistory Buildings: IS 1893-2016" was organized from 04-10-2021 to 12-10-2021. A total number of 189 teaching faculty members from the department of Civil Engineering, from various states of country viz., Andhra Pradesh, Telangana, Tamil Nadu and Karnataka have attended the programme.

Major Course Contents:

- Lessons from past Earthquakes, damage behavior
- Geotechnical aspects in Seismic Design of Structures
- Sustainable construction using Mud and Bamboo
- Basic concepts of Structural Dynamics
- Ductility of Concrete Structures
- Seismic Hazard Assessment
- Principles of Seismic Conceptual Design of Buildings
- Modeling of Building and Structures



Session on "Lessons From Past Earthquakes" Dr. Vaibhav Singhal, Assistant Professor, IIT Patna

Online "Faculty Induction Programme-7"

A Online "Faculty Induction Programme-7" was conducted from 25-10-2021 to 01-12-2021. A total number of 37 teaching faculty members from all branches of Engineering, Sciences, Arts, Commerce & Management from various states of country viz., Karnataka, Tamilnadu, West Bengal, Andhra Pradesh, Puducherry, Telangana states, Assam, Andhra Pradesh and Uttar Pradesh have attended the course.

Major Course Contents:

- Teaching, Learning and Assessment
- Technology for Teaching and Assessment of I-generation
- Personal-Emotional Development and Counseling
- Research Professional Development and Academic Leadership
- Academic Integrity
- Constitutional Values, Human Rights and Fundamental Duties
- Environmental Consciousness and Sustainable Development Goals



"Evaluation of Seminar Presentations" by Dr. K.V. Subba Raju, Retd., Professor of H & S., SRKR Engineering College, Bhimavaram

October 2021...

Online "Faculty Induction Programme-7"



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering
& Director, UGC-HRDC, JNTUH

Online Short Term Training Programme (Sponsored By AICTE) "Seismic Design of Multistory Buildings: IS 1893-2016"



Coordinator

Dr. V. Mallikarjuna Reddy

Professor & Head, Dept. of Civil Engineering, GokarajuRangaraju Institute of Engineering and Technology Hyderabad, T.S.



Coordinator

Dr. Srikanth Koniki

Assoc. Professor Dept. of Civil Engineering, GokarajuRangaraju Institute of Engineering and Technology, Hyderabad, T.S.

October 2021...

One-Week Online Short Term Course on “Soft Skills And Professional Ethics”



Coordinator

Dr. V. Parvathi

Professor of English & Head Dept. H & SS JNTUH CEH, Hyderabad

Online Short Term Training Programme (Sponsored By AICTE) “3D Printing for Sustainable Development”



Coordinator

Dr. G. Janardhana Raju

Dean, School of Engineering & Professor of Mechanical Engineering Nalla Narasimha Reddy Education Society's Group of Institutions Hyderabad, T.S.

UGC-Human Resource Development Centre, JNTUH



STC and STTP Courses Inaugural function on held 25-10-2021

One-Week Online Short Term Course on “Soft Skills and Professional Ethics”

A One-Week Online Short Term Course on “Soft Skills and Professional Ethics” was conducted from 25-10-2021 to 30-10-2021. A total number of 33 teaching faculty members from all branches of Engineering, Sciences, Arts, Commerce and Management, from various states of country viz., Telangana, Karnataka, Maharashtra, and Andhra Pradesh have attended the programme.

The main contents covered during this course were:

- Developing Communication Skills and Soft Skills
- Time Management & Stress Management
- Team Building and Leadership Qualities
- Problem Solving and Decision Making



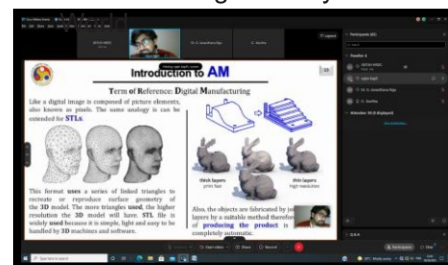
Session on “Role of Teacher in Shaping the Personality of Students” by Prof. V. Viswanadham, Retd. Professor, O.U. Hyderabad

Online Short Term Training Programme (Sponsored By AICTE) “3D Printing for Sustainable Development”

A Online Short Term Training Programme (Sponsored By AICTE) “3D Printing for Sustainable Development” was organized from 25-10-2021 to 30-10-2021. A total number of 273 teaching faculty members from the departments of Mechanical/Automobile/Aeronautical/Production Engineering, from various states of country viz., Telangana, West Bengal, Andhra Pradesh and Karnataka have attended the programme.

Major Course Contents:

- Introduction to 3D Printing & Additive Manufacturing
- Industrial Internet of Things (IIOT) in Additive Manufacturing
- Applications of Additive Manufacturing in Today's Medical



Session on “CAD/CAM for Additive Technologies” by Dr. Sajan Kapil, Assistant Professor of Mechanical Engineering, IIT Guwahati

UGC-Human Resource Development Centre, JNTUH

Workshop on AICTE Quality Initiatives and Funding Opportunities

A Workshop on AICTE “Quality Initiatives and Funding Opportunities” was conducted on 29th October 2021. A total number of 204 Principals/Faculty Members from all branches/Research Scholars of Constituent and affiliated colleges of JNTUH from state of Telangana have attended the programme.

Contents of the programme:

- AICTE Financially funded schemes
- AICTE Students Learning Assessment
- AICTE 360 degree feedback
- AICTE National Initiative for Technical Teachers Training
- AICTE National Education Alliance for Technology
- AICTE Internship portal



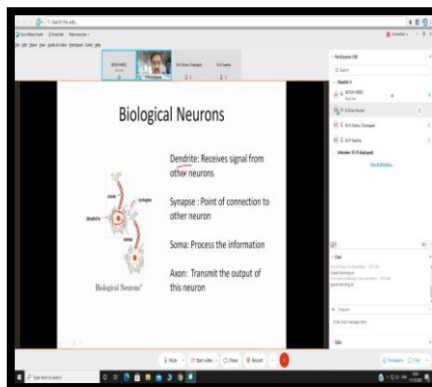
Addressed by Col. B. Venkat
Director, FDC, AICTE, New Delhi

Online Short Term Training Programme (Sponsored by AICTE) “Covid-19 Data Analysis with Deep Learning”

A Online Short Term Training Programme (Sponsored by AICTE) “Covid-19 Data Analysis with Deep Learning” was organized from 08-11-2021 to 15-11-2021. A total number of 186 teaching faculty members from the departments of ECE, EEE and CSE, from various states of country viz., Telangana, Andhra Pradesh and Delhi have attended the course.

Major Course Contents:

- Introduction to Artificial Neural Networks Machine Learning
- Introduction to Convolution Neural Network (CNN) and Deep Learning Python for Data Analysis (NUMPY, Pandas)
- Data Visualization
- Tensorflow
- Covid-19 Data Set (World Wide & India) and Analysis using Deep Learning



Session on “Architecture and learning strategies of GAIN Networks & Case study of GAIN for amount of occlusion of face with mask” by Dr. Atul Negi, Prof of SCSIS, HCU,

November 2021...

Workshop On AICTE Quality Initiatives and Funding Opportunities



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

Online Short Term Training Programme (Sponsored by AICTE) “Covid-19 Data Analysis with Deep Learning”



Coordinator

Dr. K. Anitha Sheela

Professor & Head Dept. of ECE JNTUH
CEH, Hyderabad, T.S.

November 2021...

Online Short Term Training Programme (Sponsored by AICTE) "Teaching English"



Coordinator

Dr. V. Parvathi

Professor & Head Dept. of H & S JNTUH
CEH, Hyderabad, T.S.

One-Week Online Short Term Course on "Principles, Synthesis and Characterization of Nanomaterials – Current and Future Approaches"



Coordinators

Dr. M. Sunitha Reddy

Assoc. Professor

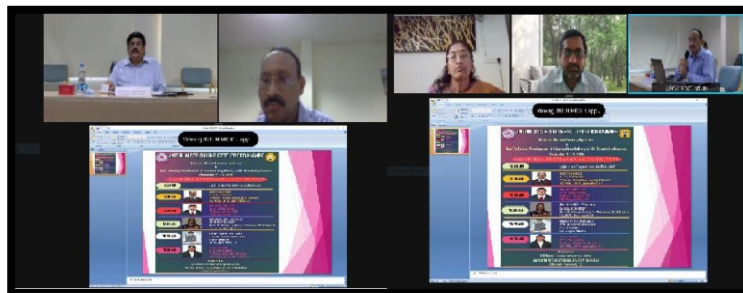
Centre for Pharmaceutical Sciences
IST, JNTUH, Hyderabad



Dr. Ch. Shilpa Chakra

Asst. Professor & HoD Centre for Nano
Science and Technology IST, JNTUH,
Hyderabad, T.S.

UGC-Human Resource Development Centre, JNTUH



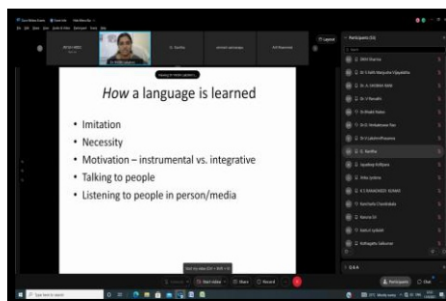
STTP and STC courses Inaugural function of addressed by Dr. G.K. Viswanadh, Director, UGC-HRDC, JNTUH

Online Short Term Training Programme (Sponsored by AICTE) "Teaching English"

A Online Short Term Training Programme (Sponsored by AICTE) "Teaching English" was held from 08-11-2021 to 15-11-2021. A total number of 130 teaching faculty members from English specialization working in AICTE approved Institutions from various states of country viz., Telangana and Andhra Pradesh have attended the course.

The main contents covered during this course were:

- How Languages are Learned
- Teaching Vocabulary
- Teaching Functional Grammar
- Methods of Teaching Prose
- Developing Speaking Skills
- Developing Listening Skills
- Teaching Reading Skills



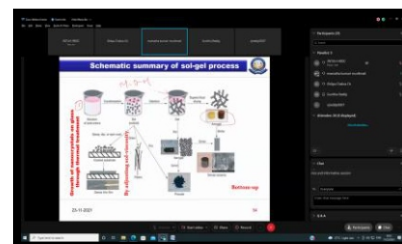
Session on "How Languages are Learnt & Neutralizing MTI" by Dr. NVSN Lakshmi, Assistant Professor of H&SS, JNTUH CEH, Hyderabad

One-Week Online Short Term Course on "Principles, Synthesis and Characterization of Nanomaterials – Current and Future Approaches"

A One-Week Online Short Term Course on "Principles, Synthesis and Characterization of Nanomaterials – Current and Future Approaches" was organized from 22-11-2021 to 27-11-2021. A total number of 36 teaching faculty members from the departments of Pharmacy, Biotechnology, Nanotechnology, Chemistry, Physics and Life Sciences, from various states of country viz., Karnataka, Tamilnadu, West Bengal, Andhra Pradesh, Punjab, Telangana states, Assam, Andhra Pradesh and Uttar Pradesh have attended the course.

Major Course Contents:

- Nano Drug Synthesis
- Pharmaceutical Formulation
- Nano Materials



Session on "Design, Synthesis, Characterization of nano materials and its application in drug delivery" by Dr. Patra Chitranjan, Principal Scientist, IICT, CSIR

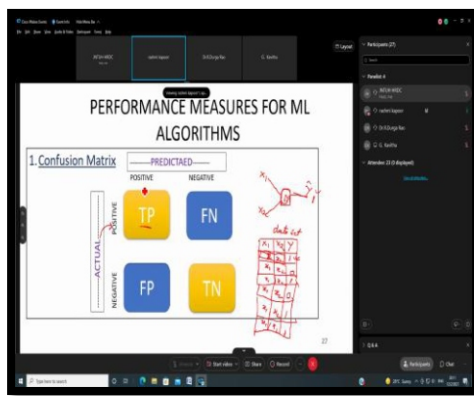
UGC-Human Resource Development Centre, JNTUH

Online Refresher Course on “AI Techniques - Electrical Engineering”

A Online Refresher Course on “AI Techniques - Electrical Engineering” was held from 22-11-2021 to 04-12-2021. A total number of 36 teaching faculty members from the department of Electrical & Electronics Engineering, from various states of country viz., Telangana have attended the course.

The main contents covered during this course were:

- Overview of Artificial Neural Networks
- AI for Electrical Utilities
- Forecasting & Bidding Process in Electricity Markets
- AI Techniques – Smart Grid
- ANN Applications
- AI & ML Applications in Deregulated Markets
- IOT Applications in Smart Grid
- Predictive Analysis for Industrial Automation: Concepts & Case Studies
- Deep Learning – Case Studies



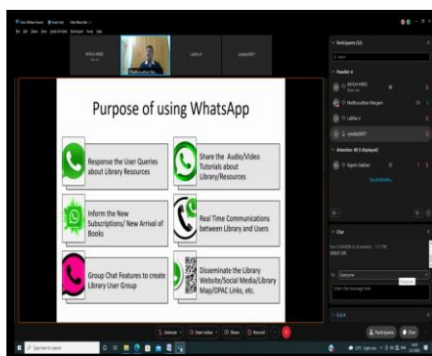
Session on “AI in Energy Sector” by Mr. R. Raja Subramanian, Assistant Professor, Dept. of CSE, Kalasalingam Academy of Research and Education, Tamil Nadu

Online Short Term Training Programme (Sponsored by AICTE) “Digital Resource Management in Libraries”

A Online Short Term Training Programme (Sponsored by AICTE) “Digital Resource Management in Libraries” was held 29-11-2021 to 04-12-2021. A total number of 127 from the department of Information Scientists and faculty of Library and Information Science and Librarians, from various states of country viz., Telangana, Maharashtra, Delhi, Andhra Pradesh, Punjab, Goa and Tamil Nadu have attended the course.

Major Course Contents:

- Digital Resources
- Print Vs. Digital Resources
- Procurement of Digital Resources
- Open Access Resources
- E-Resources Management Systems
- Copyright issues, Plagiarism
- Cloud Computing Technologies in
- Remote Access to e-resources through VPN facilities
- Network and Security Systems in Libraries



Session on “App-based Library Services & Emerging Library Service Technologies” by Prof. Madhusudhan Margam, Professor of LISc, University of Delhi

November 2021...

Online Refresher Course on “AI Techniques - Electrical Engineering”



Coordinator

Dr. K. Naga Sujatha
Professor of EEE & Dy. Director, UGC-HRDC JNTUH, Hyderabad, T.S.



Coordinator

Dr. R. Durga Rao
Assistant Professor & Head
Dept. of EEE, JNTUH CEM Manthani, Paddapalli, T.S.

Online Short Term Training Programme (Sponsored by AICTE) “Digital Resource Management in Libraries”



Coordinator

Ms. V. Lalitha
Asst. Professor in L.I.Sc.
University Library, JNTUH
Hyderabad, T.S.

UGC-Human Resource Development Centre, JNTUH

December 2021...

Online Short Term Training Programme (Sponsored By AICTE)
"Role of Statistics in Machine Learning and Data Science"



Coordinator:

Dr. V. Suseela Triveni

Professor of Mathematics Geethanjali
College of Engineering and Technology
Cheeryala (V), Keesara (M) Hyderabad,
T.S.

Short Term Course On "Effective
Academic Administration for
Administrative Staff of Universities
and Colleges"



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH



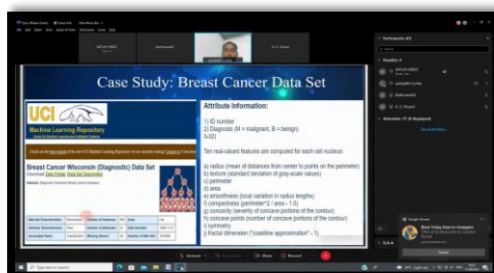
Inaugural function of Short Term Courses on held 29-11-2021

Online Short Term Training Programme (Sponsored By AICTE) "Role of Statistics in Machine Learning and Data Science"

A Online Short Term Training Programme (Sponsored By AICTE) "Role of Statistics in Machine Learning and Data Science" was conducted from 29-11-2021 to 04-12-2021. A total number of 194 teaching faculty members from the departments of Mathematics, Statistics and Computer Science & Engineering, from various states of country viz., Andhra Pradesh, Telangana, Rajasthan and Maharashtra have attended the course.

Major Course Contents:

- Fundamentals of Data Science and Machine Learning
- Basic concepts of Statistics
- Testing of Hypothesis and Parametric Estimation



Session on "Classification Models in ML" by
Dr. Sampath Lonka, Assistant Professor, Sri
Sathya Sai Institute of Higher Learning,
Karnataka

Short Term Course on "Effective Academic Administration for Administrative Staff of Universities and Colleges"

A Short Term Course on "Effective Academic Administration for Administrative Staff of Universities and Colleges" was organized from 06-12-2021 to 09-12-2021. A total number of 50 from the Non-Teaching Staff from JNTU University, Hyderabad, state of Telangana have attended the course.

Major Course Contents:

- Preparation and Monitoring of Budget
- GST & Income Tax Procedures
- Pre-Audit Rules and Regulations
- Preparation of Financial Statements
- Audit Objections and Preparation of Audit Replies



STC - Effective Academic Administration for Administrative Staff of Universities and Colleges Course Group Photo

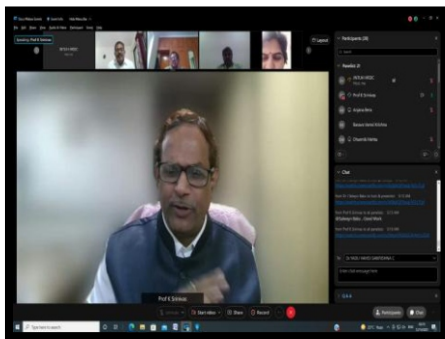
UGC-Human Resource Development Centre, JNTUH

One-Week Online Short Term Course on “E-Content Development and Online Pedagogy”

A One-Week Online Short Term Course on “E-Content Development and Online Pedagogy” was held from 13-12-2021 to 18-12-2021. A total number of 34 teaching faculty members from all branches of Engineering, Sciences, Arts, Commerce and Management, from various states of country viz., Telangana, Gujarat, Haryana, Karnataka and West Bengal have attended the course.

The main contents covered during this course were:

- Digital Initiatives of GOI in Higher Education
- Building the competencies for Online Teaching - Learning
- Overview of Learning with MOOCs
- Role of Open Educational Resources (OERs) & Creative Commons Licensing for Designing Online Courses
- Flipped Classrooms/Blended Learning Designing MOOC through Moodle



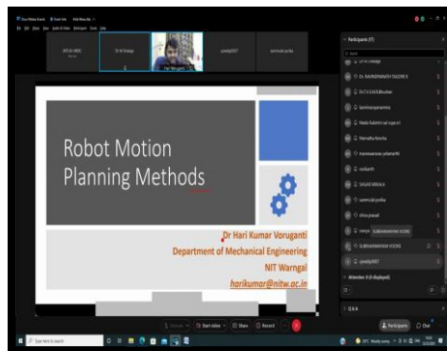
Session on “Exposure on MOOC Ecosystem and E-content Development” by Prof. K. Srinivas, Head ICT & Project Management Unit NIEPA, Delhi

One-Week Online Short Term Course on “Robotics and its Applications”

A One-Week Online Short Term Course on “Robotics and its Applications” was held 20-12-2021 to 27-12-2021. A total number of 30 teaching faculty members from the departments of CSE, IT and Mechanical Engineering, from various states of country viz., Telangana and Maharashtra have attended the course.

Major Course Contents:

- Introduction to Robotics
- Mobile Robots and Humanoid Robots
- Robot Kinematics and Dynamics
- Sensors and Actuators
- Robotics Modeling and Simulation
- Motosim Robot Operating System (ROS) Webots Robotics simulation in a controlled 3D Environment
- Ladder Programming



Session on “Robot Motion Planning Methods” by Dr. Hari Kumar Voruganti, Associate Professor, Department of Mechanical Engineering, National Institute of Technology Warangal

December 2021...

One-Week Online Short Term Course On “E-Content Development and Online Pedagogy”



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

One-Week Online Short Term Course on “Robotics and its Applications”



Coordinator

Dr. P. Sammulal

Professor Dept. CSE JNTUH CEJ, Jagtial, T.S.



Coordinator

Dr. M. Shailaja

Professor Dept. Mechanical Engineering
JNTUH CES, Sultanpur, T.S.

January 2022...

Online "Faculty Induction
Programme-8"



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

One-Week Online Short Term Course
On "Research Methodology"



Coordinator

Dr. G.K. Viswanadh

Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

UGC-Human Resource Development Centre, JNTUH



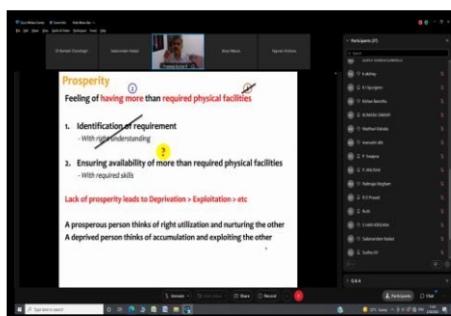
FIP-8 and STC Course Inaugural function

Online "Faculty Induction Programme-8"

A Online "Faculty Induction Programme-8" was conducted from 24-01-2022 to 28-02-2022. A total number of 39 teaching faculty from all branches of Engineering, Sciences, Arts, Commerce & Management, from various states of country viz., Andhra Pradesh, Telangana, Karnataka, Kanyakumari, Tamil Nadu and West Bengal have attended the course.

The main contents covered during this course were:

- Curriculum Designing, Outcome based learning and Choice Based Credit System
- Research Professional Development and Academic Leadership



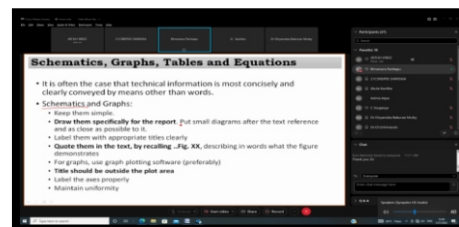
**Session on "Human Values and Ethics" by
Prof. Pradeep Kumar Ramancharla,
Registrar, IIIT, Hyderabad**

One-Week Online Short Term Course on "Research Methodology"

A Short Term Course on "Research Methodology" was organized from 24-01-2022 to 31-01-2022. A total number of 45 teaching faculty members departments of Engineering and Sciences, from various states of country viz., Telangana, Maharashtra, Kerala, Karnataka, Uttar Pradesh and Andhra Pradesh have attended the course.

Major Course Contents:

- Overview and Dimensions of Research Methodology
- Research Plan, Literature Review and Hypothesis Development
- Effective Access to Research Materials
- Research Articles and Thesis Writing



**Session on "Technical Report Writing
Writing" by Dr. P. Bharama, Professor,
Dept. of M.E., JNTUH CEH, Hyderabad**

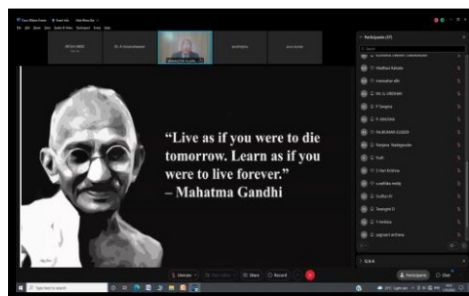
UGC-Human Resource Development Centre, JNTUH

Online Short Term Training Programme (Sponsored By AICTE) "Novel Materials and Energy Storage Devices for Environmental and Health Care Applications"

A Online Short Term Training Programme (Sponsored By AICTE) "Novel Materials and Energy Storage Devices for Environmental and Health Care Applications" was held from 24-01-2022 to 31-01-2022. A total number of 52 teaching faculty members from the departments of Chemistry and Physics, from various states of country viz., Telangana, Maharashtra, Tamil Nadu, Andhra Pradesh and Karnataka have attended the course.

The main contents covered during this course were:

- Overview on Nanomaterials and their Significance
- Tribo electric Nano generators for powering portable devices
- Fabrication methods of nanomaterials
- Nanomaterials Synthesis, Characterization Techniques
- Textile Technology for self-powered wearable application
- Drug delivery materials and PLASMA-4th state matter for



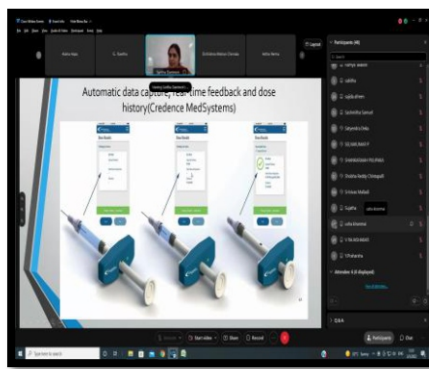
Session on "The Development of Mechanostereochemistry and its Future Applications" by Dr. Chinnaraja Eswaran, Department of Chemistry, Northwestern University, Illinois

Online Refresher Course on "Current and Future Prospects of Drug Discovery and Delivery Approaches"

A Online Refresher Course on "Current and Future Prospects of Drug Discovery and Delivery Approaches" was held 21-02-2022 to 07-03-2022. A total number of 52 teaching faculty members from the department of Pharmacy, Chemistry, Nanotechnology and Biotechnology, from various states of country viz., Telangana, Punjab, Odisha, Chhattisgarh, Andhra Pradesh, Assam and Maharashtra have attended the course.

Major Course Contents:

- Pharmaceutical Chemistry
- Pharmaceutical Analysis
- Pharmaceutics
- Pharmaceutical Biotechnology
- Pharmacology
- Pharmacognosy
- Nanotechnology



Session on CNS Hurdles & Approaches & Intranasal as a alternative route of administration" by Dr. S. Sunitha, Professor, Gitam University,

February 2022...

Online Short Term Training Programme (Sponsored By AICTE) "Novel Materials and Energy Storage Devices for Environmental and Health Care Applications"



Coordinator

Dr. Padmavathi Papolu

Assistant Professor Dept. of Humanities & Sciences VNR VJIET, Pragathi Nagar Nizampet (S.O), Hyderabad, T.S.

Online Refresher Course On "Current and Future Prospects of Drug Discovery and Delivery Approaches"



Coordinator

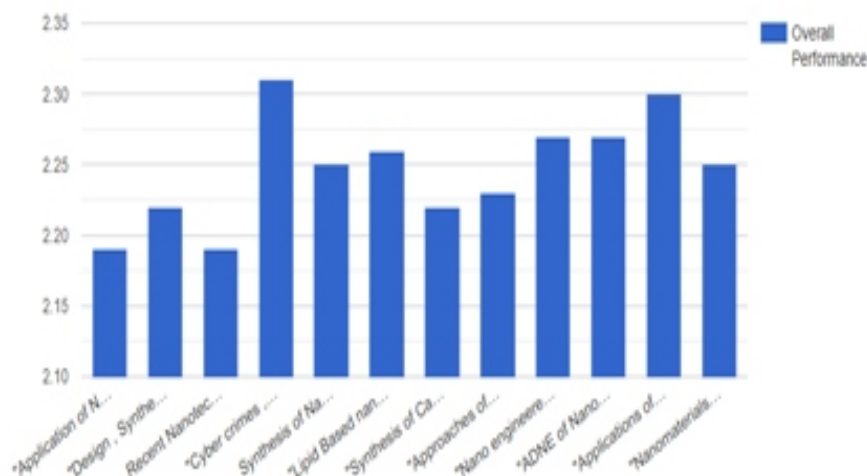
Dr. M. Ajitha

Professor & Principal
JNTUH University College of
Pharmaceutical Sciences Sultanpur (V),
Sangareddy (D), T.S.

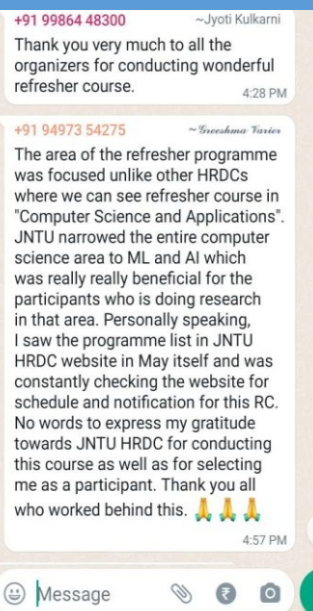
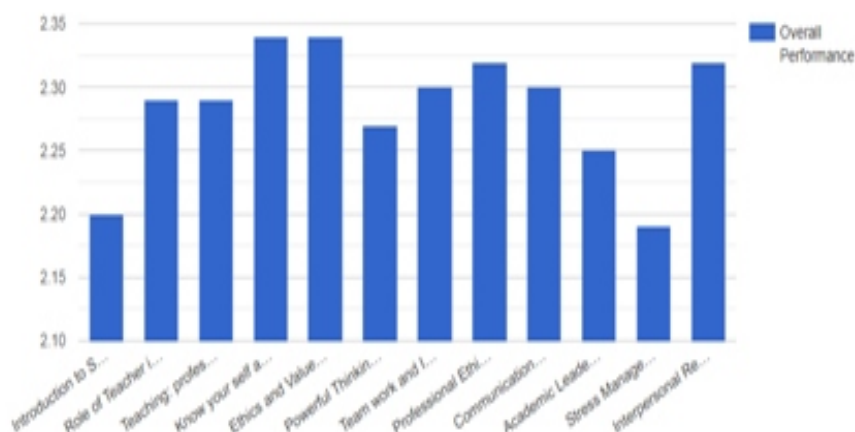
ONLINE FEEDBACK

To analyse individual responses and to assess the training conducted for the participants, this academic year HRDC introduced online feedback system to adopt more innovative training methods for overall development and knowledge upgradation of the faculty.

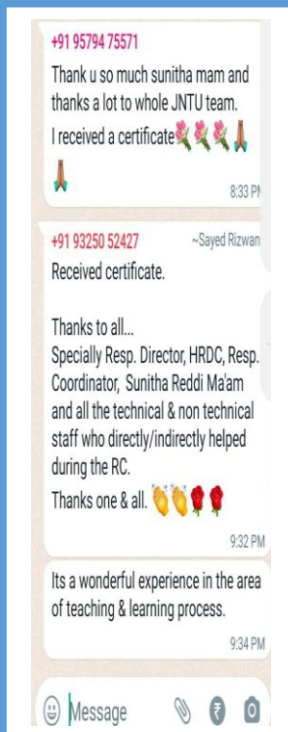
The Session-wise feedback of One-week Online STC on "Principles, Synthesis and Characterization of Nanomaterials - Current and Future Approaches"



The Session-wise feedback of One-week Online STC on "Soft Skills and Professional Ethics"

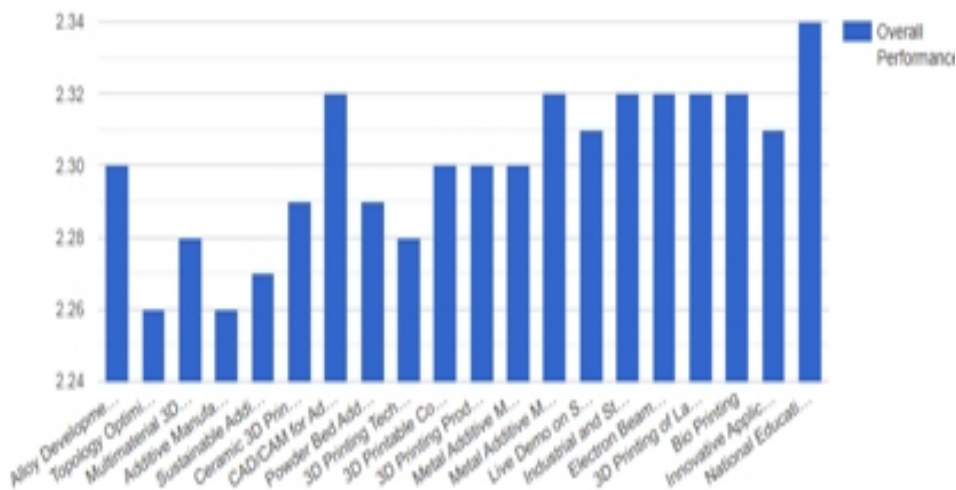


Participants Feedback

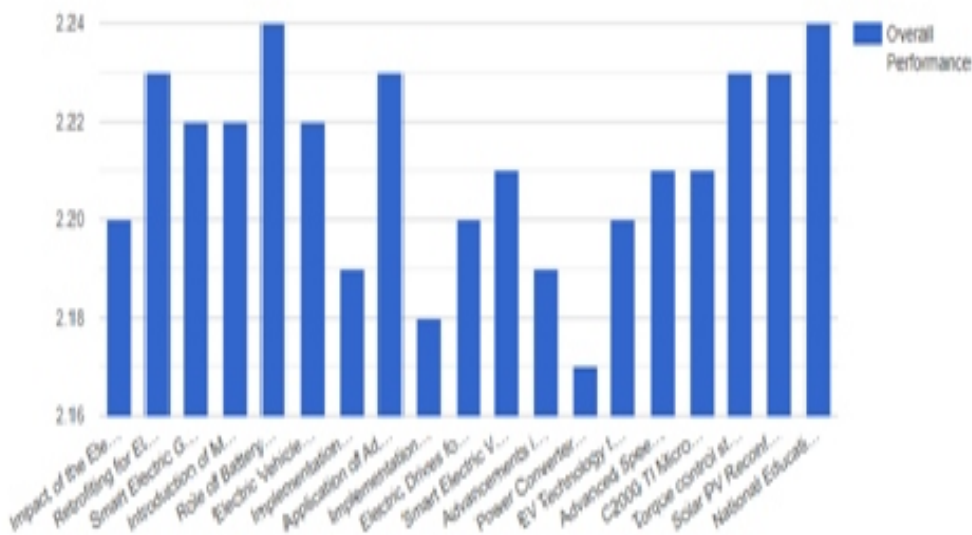


UGC-Human Resource Development Centre, JNTUH

The Session-wise feedback of One-week Online STTP on "3D Printing for Sustainable Development"



The Session-wise feedback of One-week Online STTP on "Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems"



UGC-Human Resource Development Centre, JNTUH

Testimonials...

Feedback from the participants who have attended the Courses at HRDC, JNTUH:

On behalf of all the participants of Dear UGC-HRDC organisers ...thanks a lot for conducting such knowledge sharing sessions. Thank you very much Dr. M. Sunitha Reddy mam for such wonderful Refresher course on "Drug Discovery and Formulation Development". I am very thankful for the opportunity you have given. This course updated my knowledge about drug discovery and also created new interest in the field of drug research I am thankful to respected Director Dr. G. K. Viswanath and all JNTU HRDC faculty and UGC for providing such opportunity. Thank you once again

Abhijit Kantankar

Assistant Professor of Chemistry, Tara Govt. Degree College, Sanga Reddy, T.S.
Participant of RC- Drug Discovery, Drug Development and Analytical Interpretation of Data in Pharmaceutical Research

Respected Director Sir

The Director and Host organisers of JNTUH, the Presenters, and Participants: We had wonderful sessions of interaction from 13 to 18 Dec 21. I thank the organisers for arranging lectures from various experts which are befitting to the workshop. We are enriched and benefited from this work shop. We look forward for such future courses. We will keep this group alive for further interaction among us Regards

Dr. T. Muralidhara Rao

Professor & Head, Dept. of Civil Engineering, CVR College of Engineering, T.S.
Participant of STC- E-Content Development and Online Pedagogy

Respected teachers and friends... I would like to thank the organizers for giving me an opportunity to take part in the Programme. The course was very useful to me. A lot of confusions regarding many AI concepts were cleared. This training will pave a way to future learning and scientific implementation of the AI concepts. I would like to thank Prof. GK Viswanadh Sir, Prof. Naga Sujatha Mam, Kavitha garu, the team of UGC-HRDC JNTUH and all the Resource Persons. My special thanks to Dr. Durga Rao garu for giving me a Very Good opportunity of taking part in this programme. Thank you all

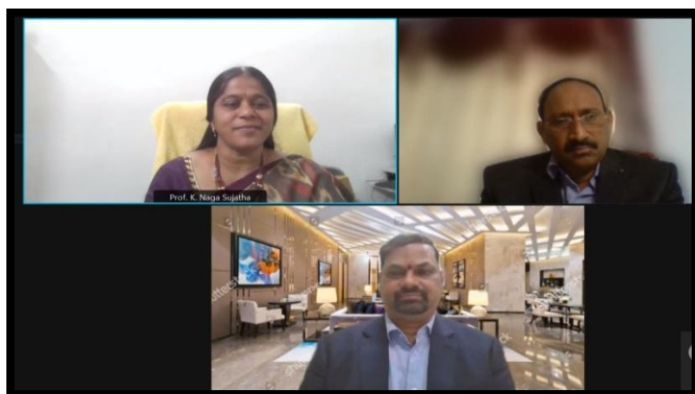
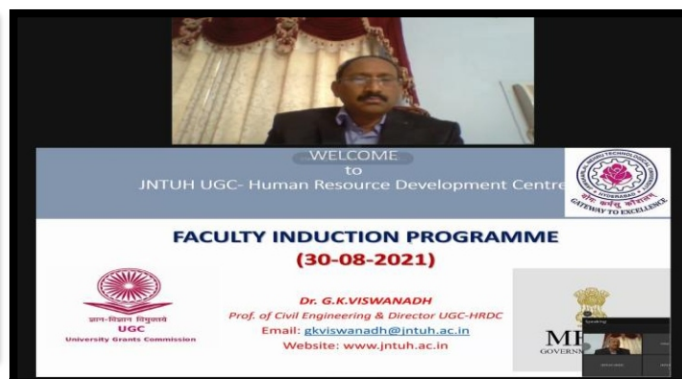
T JAGANMOHAN RAJU

Assistant Professor, Dept. of EEE, University College Of Engineering Kakatiya University
Participant of RC- AI Techniques and Electrical Engineering

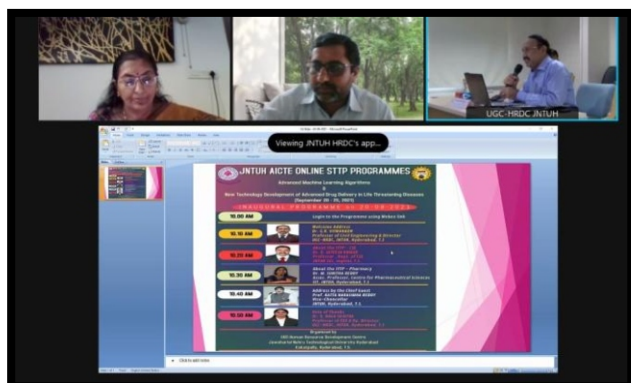
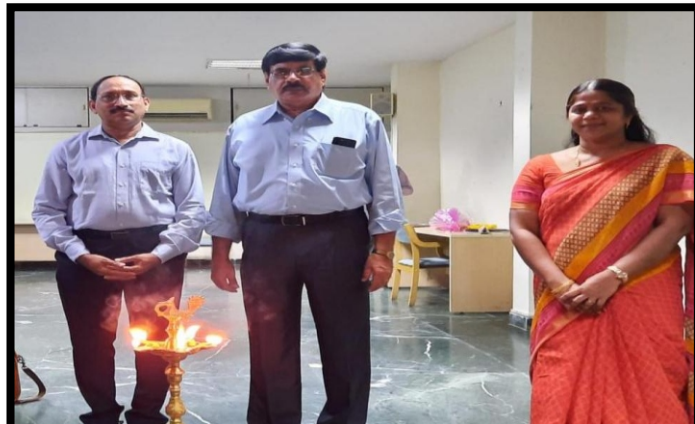
+91 88062 68184
Thank you very much Dr. M. Sunitha Reddy mam for such wonderful Refresher course on "Drug Discovery and Formulation Development"
I am very thankful for the opportunity you have given. This course updated my knowledge about drug discovery and also created new interest in the field of drug research
I am thankful to respected Director Dr. G. K. Viswanath And all JNTU HRDC faculty and UGC for providing such opportunity
Thank you once again 🙏🙏🙏
4:45 PM

+91 94488 37677 ~G Vimala
Sunitha mam and veeru sir s are just like reactive intermediates in a chemical reaction(highly active)
Message
📎 📎 📎 📎
☰ 🏠 ↶

UGC-Human Resource Development Centre, JNTUH

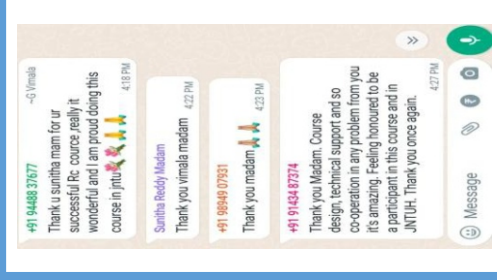


UGC-Human Resource Development Centre, JNTUH



Training Programmes organized for the year 2021-22 till now...

Feedback from participants...



A total number of 4016 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year June 2021-22.

Contd...

UGC-Human Resource Development Centre, JNTUH

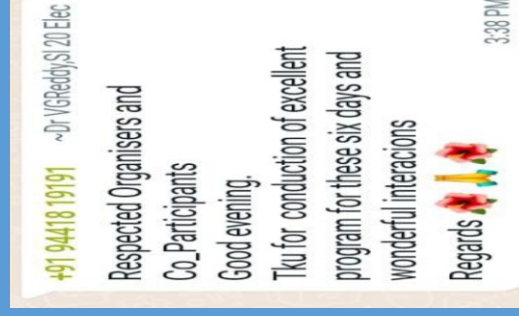
Online Training Programmes organized for the year 2021 – 2022 (June 2021 to March 2022)

UGC Sponsored Courses

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
Orientation Programmes					
1	Faculty Induction Programme - 5	12-07-2021	18-08-2021	44	Maharashtra, Karnataka & Telangana
2	Faculty Induction Programme - 6	30-08-2021	08-10-2021	45	Karnataka, Tamilnadu, West Bengal, Maharashtra, Telangana states, Assam, Andhra Pradesh and Odisha
3	Faculty Induction Programme - 7	25-10-2021	01-12-2021	37	Karnataka, Tamilnadu, West Bengal, Andhra Pradesh, Puducherry, Telangana states, Assam, Andhra Pradesh and Uttar Pradesh
4	Faculty Induction Programme - 8	24-01-2022	28-02-2022	42	Andhra Pradesh, Telangana, Karnataka, Kanyakumari, Tamil Nadu and West Bengal
Refresher Courses					
5	Drug Discovery and Development and Analytical Interpretation of Data in Pharmaceutical Research	12-07-2021	26-07-2021	79	Telangana, Tamil Nadu, Maharashtra, Karnataka, West Bengal, Andhra Pradesh, Gujarat and Madhya Pradesh
6	Internet of Things	09-08-2021	24-08-2021	37	Telangana, Karnataka, Maharashtra, Andhra Pradesh, Tamil Nadu and West Bengal
7	Contemporary Development Trends in Materials Science and Engineering	09-08-2021	24-08-2021	57	Telangana, Karnataka, Maharashtra, Delhi, Goa, West Bengal, andTamilnadu
8	Artificial Intelligence & Machine Learning	13-9-2021	25-09-2021	62	Telangana, Karnataka, Maharashtra, Goa, Gujarat,Haryana, Jammu and Kashmir and Tamilnadu
9	AI Techniques - Electrical Engineering	22-11-2021	04-12-2021	36	Telangana
10	Current and Future Prospects of Drug Discovery and Delivery Approaches	21-02-2022	07-03-2022	52	Telangana, Punjab, Odisha, Chhattisgarh, Andhra Pradesh, Assam and Maharashtra

Training Programmes organized for the year 2020-21 till now

Feedback from participants...



A total number of 4016 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year 2021-22.

Contd...

UGC-Human Resource Development Centre, JNTUH

Online Training Programmes organized for the year 2021 – 2022 (June 2021 to March 2022)

UGC Sponsored Courses

S No	Name of the courses	Schedule		Number of Participant s	Participants from different States
		From	To		
Short Term Courses:					
11	Cyber Security & Forensics	26-07-2021	31-07-2021	36	Maharashtra, Karnataka & Telangana and Andhra Pradesh
12	Modern Methods in Organic Synthesis and Analytical Techniques	31-08-2021	06-09-2021	32	Telangana, Karnataka, Maharashtra and Gujarat
13	Deep Learning	31-08-2021	06-09-2021	26	Karnataka, Uttar Pradesh & Telangana states
14	Recent Advances in Renewable Power	13-09-2021	18-09-2021	27	Telangana, Tamilnadu, Maharashtra and Andhra Pradesh
15	Soft Skills and Professional Ethics	25-10-2021	30-10-2021	34	Telangana, Karnataka, Maharashtra, and Andhra Pradesh
16	Principles, Synthesis and Characterization of Nanotechnology – Current and Future approaches	22-11-2021	27-11-2021	36	Karnataka, Tamilnadu, West Bengal, Andhra Pradesh, Punjab& Telangana states, Assam, Andhra Pradesh and Uttar Pradesh
17	E-Content Development and Online Pedagogy	13-12-2021	18-12-2021	34	Telangana, Gujarat, Haryana, Karnataka and West Bengal
18	Effective Academic Administration for Administrative Staff of Universities and Colleges	06-12-2021	09-12-2021	51	Telangana.
19	Robotics and its applications (to)	20-12-2021	27-12-2021	30	Telangana and Maharashtra
20	Research Methodology	24-01-2022	31-01-2022	53	Telangana, Maharashtra, Kerala, Karnataka, Uttar Pradesh, Andhra Pradesh

Training Programmes organized for the year 2021-22 till now....

Feedback from participants...



A total number of 4016 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year 2021-22.

Contd...

UGC-Human Resource Development Centre, JNTUH

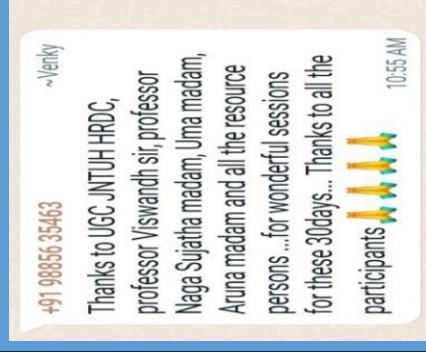
Online Training Programmes organized for the year 2021 – 2022(June 2021 to March2022)

AICTE Sponsored Courses

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
Short Term Training Programme					
1	Advanced Machine Learning Algorithms	20-09-2021	25-09-2021	451	Telangana and Andhra Pradesh
2	New Technology Development of Advanced Drug Delivery in Life Threatening Diseases	20-09-2021	25-09-2021	341	Uttar Pradesh, Telangana, Andhra Pradesh, West Bengal, Gujarat, Maharashtra, Madhya Pradesh and Tamilnadu
3	Latest Trends and Challenges in Electric Vehicle Technology and Battery Management Systems”	04-10-2021	12-10-2021	172	Telangana, Maharashtra, Andhra Pradesh, Goa, Haryana, Himachal Pradesh, Madhya Pradesh, Tamil Nadu and West Bengal
4	Seismic Design of Multistory Buildings: IS 1893-2016	04-10-2021	12-10-2021	189	Andhra Pradesh, Telangana, Tamil Nadu and Karnataka
5	Blockchain and its Applications	04-10-2021	12-10-2021	267	Telangana, Karnataka, Tamil Nadu and Andhra Pradesh
6	3D Printing for Sustainable Development	25-10-2021	30-10-2021	273	Telangana, West Bengal, Andhra Pradesh and Karnataka
7	Covid-19 Data Analysis with Deep Learning	08-11-2021	15-11-2021	186	Telangana, Andhra Pradesh and Delhi
8	Teaching English	08-11-2021	15-11-2021	130	Telangana, Andhra Pradesh
9	Role of Statistics in Machine Learning and Data Science	29-11-2021	04-12-2021	194	Andhra Pradesh, Telangana, Rajasthan and Maharashtra
10	Digital Resource Management in Libraries	29-11-2021	04-12-2021	127	Telangana, Maharashtra, Delhi, Andhra Pradesh, Punjab, Goa and Tamil Nadu

Training Programmes organized for the year 2021-22 till now

Feedback from participants...



A total number of 4016 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year 2021-22.

UGC-Human Resource Development Centre, JNTUH

Online Training Programmes organized for the year 2021 – 2022 (June 2021 to March 2022)

AICTE Sponsored Courses

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
Short Term Training Programme					
11	Novel Materials and Energy Storage Devices for Environmental and Health Care Applications	24-01-2022	31-01-2022	143	Telangana, Karnataka, Andhra Pradesh, Maharashtra, Tamil Nadu and Madhya Pradesh
12	Workshop on "AICTE Quality Initiatives and Funding Opportunities"	29-10-2021		204	Telangana
JNTUH SPONSORED COURSES					
1	STC - Artificial Intelligence & Machine Learning	28-06-2021	03-07-2021	387	Telangana, Tamil nadu, Andhra Pradesh,
2	Faculty Induction Programme	28-06-2021	04-08-2021	62	Telangana
3	Webinar on Competition Law & Public Procurement	28-06-2021	28-08-2021	40	Telangana

Address for all Correspondence:

Dr.G.K.Viswanadh

Director

UGC-Human Resource Development Centre, JNTUH, Hyderabad.

Kukatpally, Hyderabad – 500 085.

Telangana State, INDIA

e-mail : directorhrdcjntuh@jntuh.ac.in