

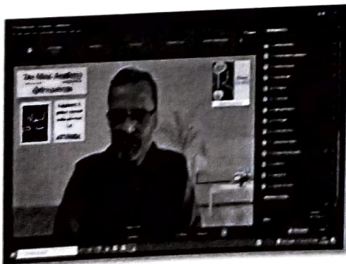
UGC-Human Resource Development Centre, JNTUH

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



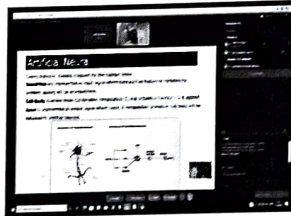
Session on "Emotional Intelligence" by Dr. Vipul Vyas, Director Mann-The Mind and Chief Facilitator & Life Coach, Mumbai

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



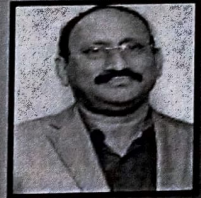
One Day Webinar on "Competition Law & Procurement" (Advocacy Programme Under State Resource Persons scheme o CCI) was conducted on 28th August 2021. A total number of 40 officers of JNTUH & its Constitution from state of Telangana have attended the programme.

PRINCIPAL

(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

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.



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women),
(AUTONOMOUS)
Shaikpet, Hyderabad – 500104
Department: Information Technology**

2021-22

REPORT

FDP ON "ONE WEEK ONLINE SHORT TERM COURSE ON DEEP LEARNING"

Date of program: 30-08-2021 to 06-09-2021

Resource person(s):

Prof. P N Rama Rao, Indian Institute of Space Science Technology, Trivandrum


Dr Sachi Nandan Mohanthy IIT Kharagpur (Postdoc)

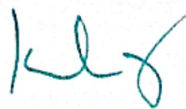
Organized By: UGC – HRDC JNTU HYDERABAD

About the Program:

Deep learning is a branch of machine learning that mimics the functioning of the human brain to find correlations and patterns by processing data with a specified logical structure. The FDP covered topics like Introduction to Deep Learning, Pattern Recognition and Neural Networks, Back Propagation, Convolution neural networks for classification of Lung cancer on CT Images, Machine learning Vs Deep Learning for Speech Applications, Object detection and recognition using deep learning, Deep Learning application to Remote sensing, Data handling techniques, A case study on Image Classification and some hands on training on handling huge and complicated datasets.

The FDP has given insights into handling huge complicated datasets, deep learning algorithms and its application to remote sensing. The knowledge gained is useful for upgrading my skills in guiding projects in the domain of deep learning.


M. Bhavani
Asst. Professor, IT Dept



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104

