



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
ANANTHAPURAMU- 515 002 (A.P) INDIA**

---

**Metric No: 6.3.3**

**Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

**6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years.**

**HEI Input :**

2021-22	2020-21	2019-20	2018-19	2017-18
5	21	27	18	7

**DVV Comment:** Provide Event Brochures and reports of Data Analytics and Machine Learning using R and Python ,Ài Phase-II Aspiration Development Programme for Self& Professional Empowerment Two Days Startup on Enterpreneurship Smart City Hackathon R Programming and Applications to Electrical Engineering 3-Day Training Program on Machine Learning Leadership Skills Two Day National Level Workshop AICTE approved Faculty Development Programme (FDP201x) Driving Innovation through Artificial Intelligence Bridge Design,Analysis and Fabrication Basic Engineering & Life skills Deep Learning using Python Big Data Applications in Power Systems with Photographs with date and caption.

**HEI Response:** Provided Event Brochures and reports of

1. Data Analytics and Machine Learning using R and Python Phase-II
2. Aspiration Development Programme for Self& Professional Empowerment
3. Two Days Startup on Enterpreneurship
4. Smart City Hackathon
5. R Programming and Applications to Electrical Engineering
6. 3-Day Training Program on Machine Learning
7. Leadership Skills
8. Two Day National Level Workshop on “AICTE approved Faculty Development Programme (FDP201x)”
9. Driving Innovation through Artificial Intelligence
10. Bridge Design, Analysis and Fabrication
11. Basic Engineering & Life skills
12. Deep Learning using Python
13. Big Data Applications in Power Systems with Photographs with date and caption

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**



# JNTUA College of Engineering (Autonomous) Ananthapuramu

Sir Mokshagundam Vishveshwariah Road, Ananthapuramu-515002.



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**AICTE Sponsored**  
**One Week Online Short Term Training Programme**  
**on**  
**Data Analytics and Machine Learning using R & Python**  
**(03<sup>rd</sup> ~ 08<sup>th</sup> August, 2020)**

**Chief Patrons**

Prof. S. Srinivas Kumar  
Hon'ble Vice-Chancellor, JNTUA,  
Ananthapuramu.

**Patrons**

Prof. M. Vijay Kumar  
Registrar, JNTUA, Ananthapuramu

**Co Patrons**

Prof K. Govinda Rajulu  
Principal, JNTUACEA  
Prof T. Bala Narasaiah  
Vice-Principal, JNTUACEA

**Convener**

Prof. A. Suresh Babu  
HOD, Computer Science and Engineering

**Coordinator**

Prof. C. Shoba Bindu,  
Professor,  
Department of Computer Science and  
Engineering, JNTUACEA, Ananthapuramu

**Advisory Committee:**

- 1.Prof. A. Ananda Rao, Director R&D, JNTUA
- 2.Prof. B.Eswar Reddy, Director SDC,JNTUA
- 3.Dr.P. Chenna Reddy, Professor of CSE
- 4.Prof.S. Vasundra, NSS Coordinator, JNTUA
- 5 Dr. K. Madhavi, Associate Professor of CSE
- 5.Dr.R. Rajasekhar, Associate Professor of CSE
- 6.Dr.K.F. Bharati, Assistant Professor of CSE
7. Dr. B. Lalitha, Assistant Professor of CSE
- 8.Dr.A.P. Siva Kumar, Assistant Professor of CSE

**Organizing committee**

**Prof. C. Shoba Bindu**

Professor,  
Department of Computer Science and  
Engineering JNTUACEA, Ananthapuramu

**For queries Contact:**

Ph. No:8143289089  
Email: [aictestpjntuacea2020@gmail.com](mailto:aictestpjntuacea2020@gmail.com)

Date: 23.08.2020

To  
The Principal

Dear Sir/Madam,

On behalf of JNTUA College of Engineering, Ananthapuramu, we have immense pleasure in inviting you to attend a One Week Online Short Term Training Programme sponsored by AICTE on "Data Analytics and Machine Learning using R & Python" organized by the Department of Computer Science and Engineering, JNTUA College of Engineering, Sri Mokshagundam Vishveshwariah Road, Ananthapuramu from 03<sup>rd</sup> to 08<sup>th</sup> August, 2020.

The main objective of this STTP is to improve quality and equity in engineering teachers in order to upgrade the knowledge, enhancing research and teaching skills.

This STTP will help the participants to develop a basic understanding of the principles of data analytics and machine learning and derive practical solutions using predictive analytics.

Hence, we request you to give a wide publicity among your faculty members and Research Scholars of AICTE approved Engineering Colleges and Polytechnic colleges and kindly depute one or two faculty members from your institution to participate and get benefited from this workshop.

Registration Form Link: <https://forms.gle/GXbn5ST5MRztSYwi7>

Thanking you and looking forward for your participation.

With High Regards,

Organizing Committee  
STTP on DAMLRP2020  
Dept. of CSE, JNTUACEA.

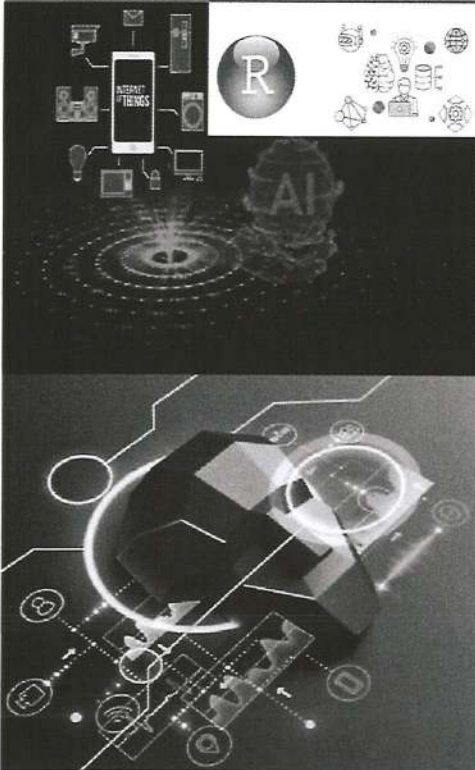
  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**AICTE Sponsored One Week Short Term  
Training Programme (STTP)**

on

**Data Analytics and Machine Learning using  
R and Python – Phase-II**

August 3<sup>rd</sup> to 8<sup>th</sup>, 2020



**CHIEF PATRON**

Prof. S. Srinivas Kumar  
Hon'ble Vice-Chancellor, JNTUA, Ananthapuramu

**PATRONS**

Prof. M. Vijay Kumar  
Registrar, JNTUA, Ananthapuramu

Prof. K. Govinda Rajulu  
Principal, JNTUACEA

**CO-PATRON**

Prof. P.Sujatha  
Vice-Principal, JNTUACEA

**CONVENER**

Prof. A. Suresh Babu  
HoD Computer Science and Engineering, JNTUACEA

**ORGANIZING COMMITTEE**

**Coordinator**

Prof. C. Shoba Bindu

Department of Computer Science and Engineering  
JNTUACEA, Ananthapuramu

**MEMBERS**

Prof. A. Ananda Rao, Director R&D, JNTUA  
Prof. B. Eswara Reddy, Director SDC, JNTUA  
Prof. P. Chenna Reddy, Professor of CSE  
Prof. S. Vasundra, NSS Coordinator, JNTUA  
Dr. K. Madhavi, Associate Professor of CSE  
Dr. R. Rajasekhar, Associate Professor of CSE  
Dr. K. F. Bharati, Assistant Professor of CSE  
Dr. B. Lalitha, Assistant Professor of CSE  
Dr. A. P. Siva Kumar, Assistant Professor of CSE

**RESOURCE PERSONS**

Experienced faculty from renowned universities/premier institutes, industry experts and host Institution.



**AICTE Sponsored One Week Short Term  
Training Programme (STTP)**

on

**Data Analytics and Machine Learning using  
R and Python – Phase-II**

August 3<sup>rd</sup> to 8<sup>th</sup>, 2020

*Organized by*

**Department of Computer Science and  
Engineering**



**JNTUA College of Engineering (Autonomous)  
Ananthapuramu**

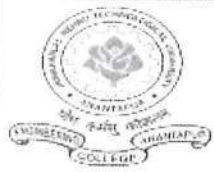
Web Site: <http://jntuacea.ac.in/fdp2020>

Online Registration:

<https://forms.gle/AZwwiWQEaKEqvX3p9>



  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**




**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**Short Term Training Programme**



**On**  
**Data Analytics and Machine Learning using R and Python – Phase-I**  
**(03 ~ 08, August 2020)**

DATE/TIME	10:00 AM – 11:30 AM		11:45 AM – 01:15 PM		02:15 PM – 03:45 PM		04:00 PM – 05:30 PM
03-08-2020	Inauguration & Welcome Address	Tea Break	Digital Image Processing: Basics to Advances (Prof. S. Srinivas Kumar)	Lunch Break	Introduction to Data Science (Dr. C. Shoba Bindu)	Tea Break	Applications of Linear Algebra in Machine Learning (Dr E Keshava Reddy)
04-08-2020	Data Analytics using R (Dr. T. Sree Ganesh)		Data Wrangling (Dr. Salman Abdul Moiz)		Exploratory Data Analysis (Dr. Salman Abdul Moiz)		Data Analytics using Python (Dr. T. Sree Ganesh)
05-08-2020	Role of Big Data in Healthcare (Prof. V Chandrasekaran)		Pattern Recognition Principles & Approaches (Prof. V Chandrasekaran)		Bayes, Decision Trees (Dr. T. Hitendra Sarma)		KNN, K-means, Kernel K-Means and it's improvements (Dr. T. Hitendra Sarma)
06-08-2020	Object Detection using Faster RCNN (Dr. V. Anantha Natarajan)		Hands on Session (Dr. V. Anantha Natarajan)		Sequential Models (Dr. Chandrajit Pal)		Identifying Suitable Model to fit the given use case and Modeling the Business case : Property_Value_prediction (Dr. K. Dhana Sree Devi)
07-08-2020	Statistical Learning (Debasis Samanta)		Regression and correlation analysis (Debasis Samanta)		Reinforcement Learning (Dr. Chandrajit Pal)		Use case: Text mining (Dr. K. Dhana Sree Devi)
08-08-2020	Probabilistic classification (Debasis Samanta)		Geospatial Deep Learning using Python (Dr. Raghavendra Kune)		Hands-on Training of CNN models (Dr. Chandrajit Pal)		Assessment Test & Valedictory

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**COLLEGE OF ENGINEERING:: ANANTHAPURAMU (Autonomous)**

**TEOIP III**

1. **Name of the Staff:** Dr. C. Shoba Bindu
2. **Designation:** Professor.
3. **Department:** Computer Science and Engineering.
4. **Contact No:** +91 8143289089.
5. **Name of the Conference/Workshop/Laboratory:** Data Analytics and Machine Learning using R and Python – Phase-II
6. **Venue:** JNTUA College of Engineering, Ananthapuramu.

**Date:** 3<sup>rd</sup>-August-2020 to 08- August-2020.

**Organized by:** Department of Computer Science and Engineering, JNTUA CEA in association with IEEE Ananthapuramu Subsection & IEEE CIS/GRSS Joint Chapter, Hyderabad.

7. **AICTE Sponsored One Week Short Term Training Programme (STTP) on:** Data Analytics and Machine Learning using R and Python – Phase-II
- 8.

**REPORT**

**Brief Description of Event / Visit:**



Python is a multi-purpose programming language which is simple to use which can be used for web development, machine learning, browser automation etc. It is introduced in many colleges to make the students industry ready. In this context, this workshop was planned to train the students from various Engineering Colleges by inviting experts in this field to impart knowledge from them.

Machine Learning is continually transforming the day to day lives of people and has become so pervasive today. It is an application of Artificial Intelligence. The continuous research and developments in the field of machine learning has given us self-driving cars, practical speech recognition, effective web search, weather prediction and many others. Python is the new Fortran in the scientific world and this language is great to use when working with machine learning algorithms and has easy syntax relatively.

This workshop begins with a primary introduction to basic machine learning methods. Supervised and unsupervised learning methods will be discussed in detail with its applications. New trends like Deep Learning, evolutionary optimization and soft computing also will be explored. One day complete hands-on sessions are planned on introduction to Python programming, machine learning library scikit-learn and demonstration of deep learning concepts. The workshop will conclude with a discussion on a number of open problems, which the participants will be encouraged to take up as their future research endeavor.

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## Program Schedule:

	<b>DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING</b> <b>Short Term Training Programme</b> <b>On</b> <b>Data Analytics and Machine Learning using R and Python - Phase-II</b> <b>(03 ~ 08, August 2020)</b>	
---	---	---

DATE/TIME	10:00 AM – 11:30 AM		11:45 AM – 01:15 PM		02:15 PM – 03:45 PM		04:00 PM – 05:30 PM
03-08-2020	Inauguration & Welcome Address		Digital Image Processing: Basics to Advances (Prof. S. Srinivas Kumar)		Introduction to Data Science (Dr. C. Shoba Bindu)		Applications of Linear Algebra in Machine Learning (Dr. E. Keshava Reddy)
04-08-2020	Data Analytics using R (Dr. T. Sree Ganesh)	Tea Break	Data Wrangling (Dr. Salman Abdul Moiz)	Lunch Break	Exploratory Data Analysis (Dr. Salman Abdul Moiz)	Tea Break	Data Analytics using Python (Dr. T. Sree Ganesh)
05-08-2020	Role of Big Data in Healthcare (Prof. V. Chandrasekaran)		Pattern Recognition Principles & Approaches (Prof. V. Chandrasekaran)		Bayes, Decision Trees (Dr. T. Hitendra Sarma)		KNN, K-means, Kernel K-Means and its improvements (Dr. T. Hitendra Sarma)
06-08-2020	Object Detection using Faster RCNN (Dr. V. Anantha Natarajan)		Hands on Session (Dr. V. Anantha Natarajan)		Sequential Models (Dr. Chandrajit Pal)		Identifying Suitable Model to fit the given use case and Modeling the Business case : Property_Value_prediction (Dr. K. Dhana Sree Devi)
07-08-2020	Statistical Learning (Debasis Samanta)		Regression and correlation analysis (Debasis Samanta)		Reinforcement Learning (Dr. Chandrajit Pal)		Use case: Text mining (Dr. K. Dhana Sree Devi)
08-08-2020	Probabilistic classification (Debasis Samanta)		Geospatial Deep Learning using Python (Dr. Raghavendra Kune)		Hands-on Training of CNN models (Dr. Chandrajit Pal)		Assessment Test & Valedictory

### **DAY 1-SESSION 1&2&3:**

Digital Image Processing: Basics to Advances (Prof. S. Srinivas Kumar)

Digital Image Processing is a field that focuses on the manipulation of digital images using various algorithms and techniques. It plays a crucial role in several applications, including medical imaging, computer vision, and image analysis. Some key points to consider for your report on this topic might include:

**Introduction to Digital Image Processing:** Explain the basic concepts of digital image processing, including image representation, pixel values, and image enhancement.

**Image Filtering:** Discuss techniques like convolution and filtering, which are used for image enhancement and noise reduction.

**Image Transformation:** Cover topics such as Fourier Transform and image registration, which are essential for frequency domain analysis and image alignment.

**Feature Extraction:** Explain how features are extracted from images for pattern recognition and object detection tasks.

**Applications:** Highlight real-world applications of digital image processing, such as medical image analysis, facial recognition, and satellite image processing.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## Introduction to Data Science (Dr. C. Shoba Bindu)

Data Science is an interdisciplinary field that combines various techniques from statistics, computer science, and domain knowledge to extract insights and knowledge from data. Here are some key points to include in your report:

**Data Collection and Cleaning:** Discuss the importance of data collection and data preprocessing, which involve handling missing values and outliers.

**Exploratory Data Analysis:** Explain how data scientists use techniques like data visualization and statistical analysis to gain insights from the data.

**Machine Learning:** Introduce machine learning algorithms and their applications in data science, including supervised and unsupervised learning.

**Big Data:** Discuss the challenges and tools associated with processing and analyzing large datasets, including technologies like Hadoop and Spark.

**Data Science Applications:** Provide examples of data science applications in various industries, such as finance, healthcare, and e-commerce.

## Applications of Linear Algebra in Machine Learning (Dr. E. Keshava Reddy)

Linear algebra is a fundamental mathematical tool in machine learning and data analysis. Here are some key points for your report on the applications of linear algebra in machine learning:

**Vectors and Matrices:** Explain the concepts of vectors and matrices, which are fundamental to representing data and transformations in machine learning.

**Matrix Operations:** Discuss common matrix operations such as matrix multiplication, transpose, and inversion, and their relevance in machine learning algorithms.

**Eigenvalues and Eigenvectors:** Explain how eigenvalues and eigenvectors are used in dimensionality reduction techniques like Principal Component Analysis (PCA).

**Singular Value Decomposition (SVD):** Discuss the importance of SVD in matrix factorization and recommendation systems.

**Neural Networks:** Show how linear algebra is used in the architecture and computations of neural networks, including feedforward and backpropagation.

**Applications:** Provide examples of how linear algebra is applied in real-world machine learning tasks, such as image recognition and natural language processing.

### **DAY 2-SESSION1,2, 3&4:**

## Data Analytics using R (Dr. T. Sree Ganesh)

R is a popular programming language and environment for statistical computing and graphics. It is widely used for data analysis, data visualization, and statistical modeling. Here are some key points to include in your report:

**Introduction to R:** Provide an overview of the R programming language, its history, and its importance in data analytics.

**Data Import and Manipulation:** Explain how R is used to import and manipulate data from various sources, including CSV files, databases, and web scraping.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Data Visualization:** Discuss the powerful data visualization capabilities of R, including packages like ggplot2 for creating informative charts and plots.

**Statistical Analysis:** Describe how R is used for statistical analysis, hypothesis testing, and regression modeling.

**Packages and Libraries:** Highlight essential R packages and libraries commonly used for data analytics, such as dplyr, tidyr, and caret.

**Case Studies:** Include real-world case studies or examples that demonstrate the application of R in data analytics projects.

#### Data Wrangling (Dr. Salman Abdul Moiz)

Data wrangling refers to the process of cleaning, transforming, and preparing raw data into a format suitable for analysis. Here are key points to cover in your report:

**Data Cleaning:** Explain the importance of data cleaning, which involves handling missing values, outliers, and inconsistencies in datasets.

**Data Transformation:** Describe how data is transformed to meet the requirements of a specific analysis, including techniques like normalization and standardization.

**Data Integration:** Discuss methods for integrating data from multiple sources and merging datasets.

**Data Reshaping:** Explain how to reshape data using techniques like pivoting, melting, and stacking.

**Automated Data Wrangling Tools:** Mention tools and libraries used for automating data wrangling processes, such as pandas in Python or dplyr in R.

#### Exploratory Data Analysis (Dr. Salman Abdul Moiz)

Exploratory Data Analysis (EDA) is the process of visually and statistically summarizing and exploring datasets to understand their underlying structure and patterns. Here are key points for your report:

**EDA Techniques:** Describe common EDA techniques, including data visualization, summary statistics, and distribution analysis.

**Data Visualization:** Discuss the use of various graphs, charts, and plots to explore data, such as histograms, scatter plots, and box plots.

**Data Summarization:** Explain how to calculate and interpret summary statistics like mean, median, and standard deviation.

**Outlier Detection:** Discuss methods for identifying and handling outliers in EDA.

**Correlation Analysis:** Explain how to assess relationships between variables using correlation coefficients.

**Case Studies:** Include examples of EDA in real-world datasets to illustrate the importance and impact of EDA on decision-making.

#### Data Analytics using Python (Dr. T. Sree Ganesh)

Similar to the section on R, provide an overview of data analytics using Python. You can cover topics such as data manipulation with libraries like pandas, data visualization with libraries like Matplotlib and Seaborn, and statistical



analysis with libraries like SciPy.

### **DAY 3-SESSION 1,2,3&4:**

Role of Big Data in Healthcare (Prof. V Chandrasekaran)

The role of big data in healthcare is becoming increasingly important for improving patient care, disease prevention, and healthcare management. Here are some key points to include in your report:

**Introduction to Big Data in Healthcare:** Explain what big data is and why it's crucial in the healthcare sector.

**Data Sources in Healthcare:** Discuss the various sources of healthcare data, including electronic health records (EHRs), medical imaging, wearable devices, and genomics.

**Applications of Big Data:** Highlight how big data analytics is used for disease prediction, treatment optimization, patient monitoring, and epidemiological studies.

**Challenges and Ethical Considerations:** Discuss the challenges associated with handling sensitive patient data and the ethical considerations of using big data in healthcare.

**Real-World Examples:** Include case studies and examples of how big data has made a significant impact in healthcare, such as early disease detection and personalized medicine.

Pattern Recognition Principles & Approaches (Prof. V Chandrasekaran)

Pattern recognition is a fundamental concept in machine learning and data analysis. Here's what you can cover in your report:

**Introduction to Pattern Recognition:** Explain the concept of pattern recognition and its significance in various fields, including healthcare, finance, and image processing.

**Pattern Recognition Approaches:** Discuss different approaches to pattern recognition, such as supervised learning, unsupervised learning, and semi-supervised learning.

**Feature Extraction:** Explain the importance of feature extraction in pattern recognition and provide examples of feature selection techniques.

**Classification Algorithms:** Introduce common classification algorithms used in pattern recognition, such as support vector machines, neural networks, and decision trees.

**Applications in Healthcare:** Highlight how pattern recognition is applied in healthcare, including disease diagnosis, medical image analysis, and patient monitoring.

Bayes, Decision Trees (Dr. T. Hitendra Sarma)

Bayesian methods and decision trees are essential tools in machine learning and data analysis. Here are some points to consider for your report:

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Bayesian Methods:** Explain the principles of Bayesian probability and how it is used in machine learning for classification and probabilistic modeling.

**Decision Trees:** Introduce decision trees as a popular supervised learning algorithm for classification and regression tasks.

**Bayesian Decision Trees:** Discuss how Bayesian decision trees combine the principles of both Bayesian methods and decision trees for improved model performance.

**Applications:** Provide examples of how Bayesian methods and decision trees are applied in real-world scenarios, including healthcare applications like disease prediction and treatment recommendations.

**KNN, K-means, Kernel K-Means and its Improvements (Dr. T. Hitendra Sarma)**

These are fundamental machine learning algorithms used for clustering and classification. Here are some key points for your report:

**K-Nearest Neighbors (KNN):** Explain how the KNN algorithm works for both classification and regression tasks, including the concept of finding the K nearest data points.

**K-Means Clustering:** Introduce K-means as an unsupervised clustering algorithm and explain how it divides data into clusters based on similarity.

**Kernel K-Means:** Discuss the use of kernel functions to extend K-means for nonlinear data.

**Improvements and Variations:** Mention improvements and variations of these algorithms, such as weighted KNN or hierarchical K-means.

**Applications:** Provide examples of how these algorithms are applied in healthcare, such as patient clustering for personalized treatment plans or disease subtype identification.

#### **DAY 4-SESSION 1,2,3&4:**

**Object Detection using Faster R-CNN (Dr. V. Anantha Natarajan)**

Faster R-CNN (Region-based Convolutional Neural Network) is a deep learning model used for object detection in images. Key points for your report might include:

**Introduction to Object Detection:** Explain the concept of object detection and its applications, such as autonomous vehicles, surveillance, and image captioning.

**Faster R-CNN:** Provide an overview of the Faster R-CNN architecture, which combines convolutional neural networks (CNNs) with region proposal networks (RPNs).

**Training and Inference:** Discuss the training process for Faster R-CNN, including dataset preparation and fine-tuning. Explain how inference is performed to detect objects in images.

**Applications:** Highlight real-world applications of Faster R-CNN, such as pedestrian detection, object tracking, and anomaly detection.

Challenges and Limitations: Discuss the challenges and limitations of object detection using Faster R-CNN, including computational requirements and fine-tuning difficulties.

Hands-on Session (Dr. V. Anantha Natarajan)

This appears to be a practical session related to object detection using Faster R-CNN. You can expect to learn and practice the concepts covered in the Object Detection using Faster R-CNN topic.

Sequential Models (Dr. Chandrajit Pal)

Sequential models refer to a class of machine learning models that are particularly useful for sequential data, such as time series or text. Key points for your report might include:

Introduction to Sequential Models: Explain the importance of sequential data and the need for specialized models.

Recurrent Neural Networks (RNNs): Introduce RNNs as a class of models that can handle sequential data through recurrent connections. Discuss applications like natural language processing and speech recognition.

Long Short-Term Memory (LSTM) Networks: Explain LSTM networks as an improvement over RNNs, capable of capturing long-range dependencies in sequential data.

Gated Recurrent Unit (GRU): Mention GRU as another variant of RNNs with reduced computational complexity compared to LSTMs.

Applications: Discuss real-world applications of sequential models, including time series forecasting, language modeling, and sentiment analysis.

Identifying Suitable Model to Fit the Given Use Case and Modeling the Business Case: Property Value Prediction (Dr. K. Dhana Sree Devi)

This topic seems to focus on the process of selecting an appropriate machine learning model for a specific use case, in this case, property value prediction. Key points for your report might include:

Problem Statement: Describe the problem of property value prediction and its relevance in real estate.

Model Selection: Explain the process of selecting a suitable machine learning model for the given problem, considering factors like data characteristics and business goals.

Data Preprocessing: Discuss the steps involved in preparing and cleaning the data for modeling, including feature engineering and handling missing values.

Model Building: Describe the process of building and training the chosen model for property value prediction. This could involve regression techniques or other predictive modeling approaches.

Model Evaluation: Explain how the model's performance is assessed and validated, including metrics like Mean Absolute Error (MAE) or Root Mean Square Error (RMSE).

Business Impact: Discuss how the model's predictions can be used to make informed business decisions, such as property valuation or investment decisions.

**DAY 5 -SESSION 1,2,3&4:**

Statistical Learning (Debasis Samanta)

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

Statistical learning refers to the use of statistical techniques to make predictions or infer relationships from data. Key points for your report might include:

**Introduction to Statistical Learning:** Explain the concept of statistical learning, including supervised and unsupervised learning, and their applications.

**Types of Models:** Describe different types of statistical learning models, such as linear regression, logistic regression, and decision trees.

**Model Evaluation:** Discuss methods for evaluating the performance of statistical learning models, including metrics like mean squared error (MSE) and accuracy.

**Cross-Validation:** Explain the importance of cross-validation in model selection and performance assessment.

**Applications:** Provide examples of real-world applications of statistical learning, such as predicting stock prices or customer churn.

#### Regression and Correlation Analysis (Debasis Samanta)

Regression and correlation analysis are statistical techniques used to understand relationships between variables. Key points might include:

**Regression Analysis:** Explain the concept of regression analysis, including linear regression and multiple regression, for predicting outcomes based on input variables.

**Correlation Analysis:** Discuss how correlation analysis measures the strength and direction of relationships between two variables.

**Model Interpretation:** Explain how to interpret regression coefficients and correlation coefficients.

**Use Cases:** Provide examples of when and how regression and correlation analysis are used in real-life scenarios, such as market research or medical studies.

#### Reinforcement Learning (Dr. Chandrajit Pal)

Reinforcement learning is a type of machine learning where an agent learns to make decisions by interacting with an environment. Key points for your report might include:

**Introduction to Reinforcement Learning:** Explain the basic concepts of reinforcement learning, including agents, environments, and rewards.

**Markov Decision Processes (MDPs):** Discuss the mathematical framework of MDPs that underlies reinforcement learning.

**Q-Learning and Policy Gradient Methods:** Introduce common reinforcement learning algorithms like Q-learning and policy gradients.

**Applications:** Provide examples of applications of reinforcement learning, such as game playing (e.g., AlphaGo), robotics, and autonomous driving.

#### Use Case: Text Mining (Dr. K. Dhana Sree Devi)

Text mining involves extracting useful information and insights from text data. Key points for your report might include:

Introduction to Text Mining: Explain what text mining is and why it's important, especially in dealing with large volumes of unstructured text data.

Text Preprocessing: Discuss the steps involved in text preprocessing, including tokenization, stemming, and stop word removal.

Text Classification: Explain how text classification is used to categorize text documents into predefined categories.

Sentiment Analysis: Describe sentiment analysis as a specific application of text mining for understanding opinions and emotions expressed in text.

Use Cases: Provide examples of use cases for text mining, such as sentiment analysis for customer reviews, topic modeling for document clustering, and information retrieval.

### **DAY 5 -SESSION 1,2,3:**

Probabilistic Classification (Debasis Samanta)

Probabilistic classification is a machine learning technique that assigns class labels to data points while providing a probability score indicating the confidence in the assigned label. Key points might include:

Introduction to Probabilistic Classification: Explain the concept of probabilistic classification and its applications in machine learning.

Probabilistic Models: Discuss different probabilistic models used for classification, such as Naive Bayes, logistic regression, and support vector machines.

Probabilistic Scores: Explain how probability scores are generated for each class, and how they can be used for decision-making and model evaluation.

Applications: Provide examples of real-world applications of probabilistic classification, such as spam email detection or medical diagnosis.

Geospatial Deep Learning using Python (Dr. Raghavendra Kune)

Geospatial deep learning involves using deep neural networks for tasks related to geographic and spatial data. Key points might include:

Introduction to Geospatial Deep Learning: Explain the significance of geospatial data and how deep learning techniques can be applied to analyze such data.

Spatial Data Processing: Discuss techniques for processing and handling spatial data, including geospatial libraries in Python.

Convolutional Neural Networks (CNNs) for Geospatial Data: Explore how CNNs are adapted for geospatial data analysis, including applications like remote sensing and GIS.

Applications: Provide examples of applications of geospatial deep learning, such as land cover classification, object detection in satellite imagery, and disaster monitoring.

Hands-on Training of CNN Models (Dr. Chandrajit Pal)

This topic appears to be a practical session on training Convolutional Neural Network (CNN) models, likely building on the

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

previous topic. Expect to learn and practice implementing CNN models during this session.

#### Assessment Test & Valedictory

The assessment test is likely a way to evaluate your understanding of the topics covered in the course or workshop. The valedictory session is typically a closing ceremony where participants receive certificates or acknowledgments for completing the course.

For the assessment test, it's important to review the materials and concepts covered in the course to prepare adequately. You may expect questions, quizzes, or assignments to assess your knowledge.

During the valedictory session, there may be speeches, awards, and acknowledgments for participants and instructors. It's an opportunity to celebrate the completion of the course or workshop.

#### Photographs:



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

Name	Participation ID	Email ID
A RAMA PRATHAP REDDY	AICTESTTP001	a.ramprathapreddy@gmail.com
Dr A V R Mayuri	AICTESTTP002	mayuriavr@gmail.com
ABDUL KHADEER	AICTESTTP003	abdulkhadeer35@gmail.com
ABHILASH L BHAT	AICTESTTP004	abhilashbhat001@gmail.com
AKEPATI SANKAR REDDY	AICTESTTP005	sankar551@gmail.com
Ankita Agarwal	AICTESTTP007	agarwalankita.lko@bbdnitm.ac.in
AREPALLI PEDAGOPI	AICTESTTP009	gopiarepalli2@gmail.com
B Hima Vani	AICTESTTP011	himavani.b@gmail.com
B Lalitha	AICTESTTP012	lalitha.cse@jntua.ac.in
CHAITANYA KOSARAJU	AICTESTTP016	chaitanyacs3@gmail.com
D LAKSHMI NARAYANA REDDY	AICTESTTP017	lakshmi1217@gmail.com
D Prem Kumar	AICTESTTP018	premkumar.d@svcolleges.edu.in
DEEPIKA TENEPALLI	AICTESTTP020	deepikatenepalli@gmail.com
Dr. Deepika Vodnala	AICTESTTP021	deepuvodnala19@gmail.com
G MUNI NAGAMANI	AICTESTTP024	Nagamanig999@gmail.com
G RAVI KUMAR REDDY	AICTESTTP025	gowra.ravi@gmail.com
G. PRADEEP REDDY	AICTESTTP027	pradeepreddy006@gmail.com
Dr. G. MURALI	AICTESTTP028	murali.cse@jntua.ac.in
Gowri S	AICTESTTP029	gowrisubramanian.1996@gmail.com
J RAMACHANDRAIAH	AICTESTTP030	ramachandraiah.j@svcolleges.edu.in
J Suneetha	AICTESTTP031	suneethaj.cs@hkbk.edu.in
J Swami Naik	AICTESTTP032	swaminaikcse@gmail.com
JAVVAJI VENKATRAO	AICTESTTP033	javvajivenkat6@gmail.com
K ASHARANI	AICTESTTP034	asharani.gprec@gmail.com
K Somasena Reddy	AICTESTTP035	somasena.cse@jntua.ac.in
K SREE DIVYA	AICTESTTP037	sreedivya.k1@svcolleges.edu.in
K.SESHAIAH BABU	AICTESTTP038	seshu595@yahoo.com
Karamala naveen	AICTESTTP039	karamalanaveen@gmail.com
Katanguri Swanthana	AICTESTTP040	swanthana.griet@gmail.com
KATANGURI SWAPNIKA	AICTESTTP041	swapnika.griet@gmail.com
Mr. KEERTHIPATI.KUMAR	AICTESTTP042	prabakumar@hotmail.com
KANDUKURI KIRAN	AICTESTTP043	kiran187@gmail.com
KOTAPATI RAJASEKHAR	AICTESTTP044	kotapati.raja@gmail.com
L.Sudha Rani	AICTESTTP045	sudha1021@gmail.com
M.PADMA	AICTESTTP047	padma.gprec@gmail.com
MD RIYAZUDDIN	AICTESTTP051	riyaz@mjcollege.ac.in
MEDIGA NAGASESHUDU	AICTESTTP052	NAGASESHUDU1000@GMAIL.COM
Mr.OBULA.KOTESWARARAO	AICTESTTP053	kotiobula@gmail.com
Ms SUVITHA M	AICTESTTP055	suvitha.m@sece.ac.in
N. PHANI KUMAR	AICTESTTP057	phani.n@svcolleges.edu.in
N. VENKATA VINOD KUMAR	AICTESTTP058	vinnu.nukala55@gmail.com
NAGESWARA RAO PUTTA	AICTESTTP061	puttanr@gmail.com
NAIDU KIRAN KUMAR	AICTESTTP062	kirankumarn.mca@gmail.com
P Namratha	AICTESTTP066	namratha.reddy535@gmail.com
P Poornima	AICTESTTP067	ppoornima_cse@mgit.ac.in
Dr. P. Radhika Raju	AICTESTTP068	radhikaraju.p@gmail.com
P.V.RAMA GOPALA RAO	AICTESTTP070	rao.ramagopal@gmail.com
Pasupuleti Nagendra Babu	AICTESTTP072	pnagababu@svcn.ac.in
Penubarthi Radhika	AICTESTTP073	penubarthi.radhika@gmail.com

Pintu chauhan	AICTESTTP074	pintu.chauhan270114@paruluniversity.ac.in
Mrs. Pogula Sreedevi	AICTESTTP075	sreedevipogula37@gmail.com
PULIMI RAVINDRA REDDY	AICTESTTP076	pulimiravi.ravi256@gmail.com
RAJESH YAMPARALA	AICTESTTP079	rajeshyamparala@gmail.com
RAMAKRISHNA GANDI	AICTESTTP080	gandiramakrishna2@gmail.com
Rameswara Reddy.K.V	AICTESTTP081	rameswar13@gmail.com
Dr.S.Srilakshmi	AICTESTTP083	sirivaram.srilakshmi@gmail.com
Sabbineni Venkateswara Rao	AICTESTTP086	sabbineniv@gmail.com
Mrs SAILAJA G	AICTESTTP087	gsailaja3@gmail.com
K. SATYA SANDEEP	AICTESTTP088	satyasandeepk@gmail.com
Shaik Mohammad Rafi	AICTESTTP089	rafi.md@svcolleges.edu.in
SHAIK RASOOL	AICTESTTP090	shaikrasool@mjcollege.ac.in
SIVAKUMAR DEPURU	AICTESTTP091	sivakumar.depuru@svcolleges.edu.in
SREENIMOL K R	AICTESTTP093	sreenimol.kr@mangalam.in
K. SRINIVASA RAO	AICTESTTP095	srinivas.cst4@gmail.com
Srinivasa Rao pappu	AICTESTTP096	srinuit2006@gmail.com
Thippamma S	AICTESTTP098	tpmstech@gmail.com
THULASI BIKKU	AICTESTTP099	thulasi.jntuk@gmail.com
V DEEPIKA	AICTESTTP100	deepika.v1@svcolleges.edu.in
V S DINESH	AICTESTTP101	dinesh0405@gmail.com
V S V Harika	AICTESTTP102	vsvharika@gmail.com
Dr. Varalakshmi Dandu	AICTESTTP105	varalakshmi.jntua@gmail.com
VEGURU GAYATRI	AICTESTTP106	sindhu021205@gmail.com
Vellanki Srilakshmi	AICTESTTP107	potlurisrilakshmi@gmail.com
Veluru Gowri	AICTESTTP108	gowri.veluru@svcolleges.edu.in
VIJAYAKUMAR YENETI	AICTESTTP110	vijaykumar.y@svcolleges.edu.in
Vikrant Choudhary	AICTESTTP111	vikrant@accurate.in
Y R JANARDHAN REDDY	AICTESTTP112	yr.janardhan@gmail.com
Y. NUZHAT AFREEN	AICTESTTP113	y.nuzhat@gmail.com
T. Ramalingeswara Rao	AICTESTTP116	ramthottempudi@gmail.com
KF BHARATI	AICTESTTP117	kfbharathi@gmail.com
B USHA PRIYA	AICTESTTP119	ushapriya512@gmail.com
V.Kamakshamma	AICTESTTP120	kamakshamma@gmail.com
M. Venu Gopal Reddy	AICTESTTP121	venu.atp@gmail.com

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**





# JNTUA College of Engineering (Autonomous) Ananthapuramu

Sir Mokshagundam Vishveshwariah Road, Ananthapuramu-515002, Andhra Pradesh, INDIA.



## AICTE Sponsored One Week SHORT TERM TRAINING PROGRAMME (STTP)

### Certificate of Participation

This is to certify that Dr./Mr./Mrs./Ms. K SREE DIVYA has participated and completed AICTE Sponsored One Week Online Short Term Training Programme (STTP) on “**Data Analytics and Machine Learning using R & Python**” organized by the Department of Computer Science and Engineering, JNTUACEA during 03<sup>rd</sup> – 08<sup>th</sup> August 2020.

*Shoba Bindu*

**Prof. C. Shoba Bindu**  
Coordinator

*[Signature]*

**Prof. A. Suresh Babu**  
Convener

*[Signature]*  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

*[Signature]*

**Prof. K. Govindarajulu**  
Principal

PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL.

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/1.3-2 (iv)/15 /2018-19

Date: 26-10-2018.

Sub: JNTUA College of Engineering Ananthapuramu- JNTUACEA - TEQIP-III- Academics-  
Permission to conduct One Week Faculty Development Programme on "Aspirations  
Development Programme for Self & Professional Empowerment" from 27<sup>th</sup> November to 1<sup>st</sup>  
December 2018 – Orders – Issued.

Ref: Lr. Dt: 04-10-2018 of Dr.G.Prasanthi (Prof. of ME) and Dr.D.Zarena (Asst. Professor  
of Physics)

\*\*\*


Dr.G.Prasanthi (Prof. of ME) and Dr.D.Zarena (Asst. Professor of Physics), JNTUACEA  
have submitted a letter requesting the Principal to permit to conduct One Week Faculty Development  
Programme on "Aspirations Development Programme for Self & Professional Empowerment" from  
27<sup>th</sup> November 2018 to 1<sup>st</sup> December 2018. The estimated expenditure for the same will be about  
Rs. 1,60,000/- and requested to permit to meet the expenditure from TEQIP-III funds.

Title of the Program	:	One Week Faculty Development Programme on "Aspirations Development Programme for Self & Professional Empowerment"
Conducted by	:	Department of Mechanical Engineering and Department of Physics, JNTUACEA
Duration of FDP	:	27-11-2018 to 01-12-2018
Resource Persons	:	Experts from Industry and reputed Institutions
Coordinator(s)	:	(1) Dr.G. Prasanthi (Professor of ME) (2) Dr.D.Zarena (Asst. Prof. of Physics)

The requisition submitted is approved and the Principal is pleased to accord permission to  
Dr.G. Prasanthi (Professor of ME) and Dr.D.Zarena (Asst. Prof. of Physics), JNTUACEA to conduct  
the above said programme on the date(s) noted. The expenditure will be met from TEQIP-III funds  
under Academics SC 1.3-2 (iv) head of account. The approximate expenditure for conduction of  
programme is Rs. 1,60,000/-.

It is requested to follow the rules and regulations in incurring the expenditure and requested  
to submit the vouchers in original as per the guidelines provided by NPIU. And also requested to  
submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma  
provided.

Encl: i. Proforma.  
ii. Guidelines.

  
PRINCIPAL

To  
(1) Dr.G. Prasanthi, Professor of ME, JNTUACEA  
(2) Dr.D.Zarena, Asst. Prof. of Physics, JNTUACEA  
Copy to Head, Department of Mechanical Engineering, JNTUACEA  
Copy to Head, Department of Physics, JNTUACEA  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Bills & Spare

A One Week

Faculty Development Programme  
“Aspirations Development Programme  
for  
Self & Professional Empowerment”

(27<sup>th</sup> November - 1<sup>st</sup> December 2018)

Sponsored by TEQIP-III



Organized by

Mechanical Engineering Department  
&  
Physics Department

JNTUA College of Engineering (Autonomous),  
Ananthapuramu-515 002,(A.P.) INDIA

&  
Directorate of Faculty Development & IQAC,  
JNTUA, Ananthapuramu.

[www.jntuacea.ac.in](http://www.jntuacea.ac.in)

[www.jntua.ac.in](http://www.jntua.ac.in)

**Course Objectives**

- To understand difference between personal aspiration and professional aspiration and how to align with each aspiration for successful growth for self as well as institution.
- To balance theoretical knowledge, application knowledge and industrial knowledge all together.
- To upgrade as a mentor followed by guru to enhance student's life.
- To understand student's aspiration by mentoring in a systematic way.
- To make ones inner world stronger and emotionally stable to bring positive impact on daily life.

**Eligibility**

The programme is open for the faculty members of Engineering Colleges, Management and other Technical Institutions. Few seats are reserved exclusively for Training and placement officers of these institutions.

**Accommodation & Boarding**

Limited accommodation on twin sharing basis and boarding will be provided to all the selected candidates at free of cost. No participation fee. TA/DA will not be paid.

**Other details**

Laboratory classes and interactive sessions will be part of the programme. Participation certificate will be issued only on completion of the course requirements.

The registration form (scanned copy may be mailed to avoid delay) is to be sent to the Co-ordinators by 3-11-2018. Selection will be intimated to the participants by 12-11-2018.

**Co-ordinators: Dr. G. Prasanthi & Dr. D. Zarena**

E-mail: [dfdc.office@jntua.ac.in](mailto:dfdc.office@jntua.ac.in)

Mobile: +91-7093922471, +91-6281264313

Landline: 08854-246796.

A One Week

Faculty Development Programme  
“Aspirations Development Programme  
for  
Self & Professional Empowerment”  
(27<sup>th</sup> November - 1<sup>st</sup> December 2018)  
Sponsored by TEQIP-III  
Registration Form

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualification : \_\_\_\_\_

Organization: \_\_\_\_\_

Address for communication: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-Mail ID: \_\_\_\_\_

Accommodation requirement: Yes / No      Gender: M / F

Date:

Place:

Signature of the applicant

Nomination

The faculty, if selected, will be permitted to attend the programme from 27<sup>th</sup> November to 1<sup>st</sup> December, 2018 at JNTUA College of Engineering, Ananthapuramu.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

Signature of the Principal with Seal

## **Report on Aspirations Development Program for Self and Professional Empowerment**

The Department of Mechanical Engineering & Department of Physics & Faculty Development & IQAC, JNTUA has been conducted a one week faculty development program on Aspirations Development Program for Self and Professional Empowerment during 27-11-2018 to 01-12-2018 sponsored by TEQIP-III, JNTUACEA Ananthapuramu. The main objective and intention of the programme is has given below.

To understand difference between personal aspiration and professional aspiration and how to align with each aspiration for successful growth for self as well as institution.

To balance theoretical knowledge, application knowledge and industrial knowledge all together.

To upgrade as a mentor followed by guru to enhance student's life.

To understand student's aspiration by mentoring in a systematic way.

To make ones inner world stronger and emotionally stable to bring positive impact on daily life.

They are what you hope to achieve in your professional life in the years to come. Put simply, a career aspiration is a long-term dream that you are pursuing. A career aspiration can even be accompanied by a 5-year plan. You may not have a concrete plan for achieving your occupational aspirations.

Professional goals relate to your education and career accomplishments, while personal goals focus on your well-being, happiness, and relationships. Professional goals typically follow a schedule that you have control over. This is particularly true for educational objectives, such as completing a degree.

Personal life and professional life are often conflated. People make the assumption that a person's personal life is separate from their professional life. However, in fact, both the personal and professional lives have many connections and interconnections. A person's personal life is often the life that they lead.



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



The total number of participation list is 40 members

The Program was ended with the Feedback session and vote of thanks

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**"ASPIRATIONS DEVELOPMENT PROGRAMME FOR SELF & PROFESSIONAL EMPOWERMENT"**

**Faculty Development Programme**

**27<sup>th</sup> November to 1<sup>st</sup> December, 2018**

**Sponsored by TEQIP - III**

**Organised by**

**Mechanical Engineering Department**

**&**

**Physics Department**

**JNTUA College of Engineering (Autonomous), Ananthapuramu-515 002 (A.P.) INDIA**

**&**

**Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu.**



**Registration Form**

S.No.	Name & Designation	College Name	E-Mail id	Contact No
1	K. Sankara Assistant Professor	Sree Vidyanikethan Institute of Management, Tirupati, Chittoor District.	kuduthurusankara@gmail.com	9676282702
2	B. Siva Sai Kiran Academic Assistant	OTPRI, JNTUA, Ananthapuramu.	sivasaikiran143@gmail.com	9700572717
3	K. Mohammed Ghouse Assistant Professor	IIT, R K Valley, RGUKT - A.P.	korrapati.ghouse@gmail.com	9542299885
4	G. Gousia Begum Assistant Professor	Sri Venkateswara Institute of Technology, Ananthapuramu District.	gousiabegum.15@gmail.com	8885750557
5	M. Sreekanth Assistant Professor	Sree Vidyanikethan Engineering College, (Autonomous), Chittoor District.	msreekanth53@gmail.com	9866370817
6	A.Md. Zameer Hussain Basha Assistant Professor & T.P.O	Shri Shirdi Sai Institute of Science & Engineering Vadiyampeta, Ananthapuramu District.	azameer786313@gmail.com	7680987101
7	M. Dayanand Associate Professor	BIT Institute of Technology - Hindupur, Ananthapuramu District.	daya2anand@gmail.com	9440512794
8	L. Nitish Kumar Reddy Nodal Officer	Balaji Institute of I.T & Management, Kadapa District.	nss.bimk@gmail.com	9490034441
9	J. Satya Narayana Assistant Professor	Sir C.V. Raman Institute of Technology & Sciences, Ananthapuramu District	jsnmay27@gmail.com	9492779103
10	Dr. J. Latha Lecturer	S K U College of Engg. & Technology, Ananthapuramu.	skulathasudhakar@gmail.com	9704561461
11	Dr. G. Sankaraiah Professor	G. Pulla Reddy Engg. College, (Autonomous) Kurnool District.	sankar.me@prec.ac.in	9441020257
12	M. Soumya Assistant Professor	Srinivasa Ramanujan Institute of Technology, Ananthapuramu District.	soumya.mahicse@gmail.com	8985086080

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

S.No.	Name & Designation	College Name	E-Mail id	Contact No
13	C.B. David Joel Kishore Training & Placement Officer	Anantha Lakhmi Engg. College, Ananthapuramu District.	tpo@alits.ac.in	9866612762
14	G. Jacinth Raja Sumal Lecturer in ECE	Govt. Ploytechnic College, Kalyandurgam, Ananthapuramu District	jacinthb4u@gmail.com	8106529323
15	K. Kiran Kumar Assistant Professor & T.P.O	Bhuma Shobha Nagi Reddy Memorial College of Engg. & Technology, Kurnool District.	acetpo@gmail.com	9642550336
16	Dr. P. Jaya Rami Reddy Assistant Professor (Adhoc)	M.B.A. Department, JNTUA, Ananthapuramu.	p.jayaramireddi@gmail.com	9440555879
17	S. Abdul Yunus Basha Assistant Professor	Brindavan Institute of Technology & Sciences, Kurnool District.	bits.knplacements@gmail.com	9391108516
18	Dr. N. Vimala Lecturer	S K U College of Engg. & Technology, Ananthapuramu.	vimalasku.12@gmail.com	8106767017
19	K. Ramesh Rao Assistant Professor	K.S.R.M College of Engg. (Autonomous) Kadapa District.	saiharinath7@gmail.com	9440531583
20	K. Ashok Kumar Raju Assistant Professor (Adhoc)	Department of Mechanical Engg. JNTUACEK, Kalikiri, Chittoor District.	kingashok143@gmail.com	9912170223
21	Seema kumari Rai Assistant Professor & Placement Officer	Priyadarsini Institute of Technology, Tirupati, chittoor District.	seemaraisvu@gmail.com	9951555970
22	Y. Prapurna Chandra Associate Professor & Placement Incharge	Ratnam Institute of Pharmacy College, Nellore District.	prapurnachandra@gmail.com	9000444948
23	B. Revathi Adhoc Lecturer	JNTUA College of Engineering, (Autonomous) Anantapuramu.	brevathi111@gmail.com	8099993902
24	P. Abhilash Assistant Professor	Annamacharya Institute of Technology & Sciences, Tirupati. Chittoor District.	abhi.bnc@gmail.com	8499097927
25	S. Salomy Assistant Professor	Gates Institute of Technology, Ananthapuramu District.	salomyblessy.ssb@gmail.com	7993199300
26	K. Ramakrishna Assistant Professor	Rajeev Gandhi Memorial College of Engg. & Technology, Kurnool District.	kramakrishna40@gmail.com	9000892002
27	Dr. P. Basaiah Assistant Professor (Adhoc)	M.B.A. Department, JNTUA, Ananthapuramu.	basaiahmba@gmail.com	9440555879
28	G. Chennakesava Reddy Assistant Professor (Adhoc)	JNTUACEP, (Autonomous), Pulivendula, Kadapa District.	gadikota.chenna@gmail.com	9182477938
29	Dr. B.Omprakash Assistant Professor	JNTUA College of Engineering, (Autonomous) Anantapuramu.	omprakash1715@gmail.com	9966562990
30	Dr. V. Vijaya Kumar Professor	Noble College of Engg. & Technology for Women, Hyderabad.	vijayskim@gmail.com	9966362838

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



S.No.	Name & Designation	College Name	E-Mail id	Contact No
31	A. Sarveswara Reddy Assistant Professor	Noble College of Engg. & Technology for Women, Hyderabad.	sarvesh.ambala@gmail.com	9133533574
32	B. Shravani Assistant Professor	Srinivasa Ramanujan Institute of Technology, Ananthapuramu District.	chinnishravani@gmail.com	9885233050
33	V. Phanideepthi Academic Assistant	OTPRI, JNTUA, Ananthapuramu	vphanideepthi@gmail.com	8499027258
34	Dr. B.C. Lakshmanna Assistant Professor (Adhoc)	M.B.A. Department, JNTUA, Ananthapuramu.	lakshmanbc@gmail.com	9440432457
35	S. Chandrusha Adhoc Lecturer	JNTUA College of Engineering, (Autonomous) Ananthapuramu.	chandrusha.usha11@gmail.com	9490123723
36	N. Rajesh Kumar Gowd Lecturer	S K U College of Engg. & Technology, Ananthapuramu District.	rajeshcee@skucet.org	9866904940
37	M. Siva Kumar Assistant Professor (Adhoc)	JNTUACEP (Autonomous), Pulivendula, Kadapa District.	m.sivakumar450@gmail.com	9493249046
38	Thota Sandeep Kumar Reddy Assistant Professor	IIT, R K Valley, RGUKT - A.P.	skrthota@gmail.com	9440906854
39	Dr. C. Bhanu Kiran Dean, Placements & IR	PVKK Institute of Technology, Ananthapuramu District.	placement.bhanu@gmail.com	8885559966
40	P. Mansoor Guest Lecturer	S K U College of Engg. & Technology, Ananthapuramu.	p.mansoor2017@gmail.com	9703093672

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



**JNTUA College of Engineering (Autonomous), Ananthapuramu**  
**JNTUA, Ananthapuramu – 515002 (A.P.) INDIA**



## Certificate of Participation

This is to certify that

---

has participated in the TEQIP –III sponsored Faculty Development Programme

**“ASPIRATIONS DEVELOPMENT PROGRAMME FOR SELF & PROFESSIONAL EMPOWERMENT”**

Jointly organized by the Departments of Mechanical Engineering and Physics in association with  
Directorate of Faculty Development & IQAC, from 27-11-2018 to 01-12-2018 at  
JNTUA College of Engineering (Autonomous), Ananthapuramu


**Dr. D. Zarena**  
Co-ordinator

**Prof. G. Prasanthi**  
Co-ordinator

**Sri C.V. Ramanan, C.E.O**  
Ladder Consultancy Services Pvt. Ltd.

**Prof. R. Padma Suvarna**  
Head  
Physics Department

**Dr. B. Chandra Mohana Reddy**  
Head  
Mechanical Engineering Department

  
**Prof. K. Rama Naidu**  
Principal  
JNTUA CEA  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**ORDERS OF THE PRINCIPAL, JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING  
(AUTONOMOUS) :: ANANTHAPURAMU  
PRESENT: Prof. K. Prahlada Rao: PRINCIPAL**

**TEQIP-III**

146

Date: 05.03.2018

Procs. No. TEQIP-III/SC/Academics/SC 1.3-2(i)/1/2017-18

Sub: JNTUA College of Engineering Ananthapuramu- JNTUACEA - TEQIP-III- Academics-  
Permission to Conduct a 2-day Training Programme on Startup and Entrunership during 07<sup>th</sup>  
and 08<sup>th</sup> of March 2018 – Orders – Issued.

Ref: Lr. Dt: 05-03-2018 of Prof. E. Keshava Reddy, staff of Mathematics Dept.

\*\*\*

Dr. E. Keshava Reddy, Professor of Mathematics Department have submitted a letter requesting the  
Principal to permit to conduct a 2-day Training Programme as detailed below. The estimated expenditure for the  
same will be about Rs. 40,000/- and requested to permit to meet the expenditure from TEQIP-III funds.

**Title of the Program** : 2-day Training Programme on Startup and Entrunership

**Conducted by** : Mathematics Department, JNTUACEA

**Duration of Workshop** : 07<sup>th</sup> – 08<sup>th</sup> March 2018

**Resource Persons** :  
i. Sri Madhav Reddy,  
Redrand Learnings, Vishakapatnam.  
ii. Sri Nazeer Basha Shaik,  
Vdream Allusions Pvt. Ltd., Vijayawada  
iii. C. Prathibha, MD, Yoshitha Enterprises, Kurnool  
iv. Neha Bandari, CEO, My First Office,  
Vishakapatnam

**Coordinator** : Prof. E. Keshava Reddy

The requisition submitted is approved and the Principal is pleased to accord permission to Dr. E. Keshava Reddy, Professor of Mathematics Department to conduct the said programme on the dates noted. The expenditure will be meet from TEQIP-III funds under Academics SC 1.3-2 (i) head of account.

He is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. He also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.

Encl: i. Proforma.  
ii. Guidelines.

**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**PRINCIPAL**

To

Dr. E. Keshava Reddy, Professor of Mathematics.  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

## STEERING COMMITTEE

- Chief Patron** : Vice Chancellor, JNTUA
- Patron** : Principal, INTUCEA
- Chief Coordinator** : **Dr. Keshava Reddy E**  
**Professor & Head,**  
**Dept. of Mathematics,**  
**JNTUCEA, Anantapur.**
- VDream Allusions Team** : **Mr. Madhav Reddy**  
**Mr. Nazeer Basha**  
**Ms. Neha**

## ORGANIZING COMMITTEE

- **Dr. R. Bhuvana Vijaya**  
Associate Professor  
Dept. of Mathematics, JNTUCEA
- **Dr.K.Jayalakshmi**  
Assistant Professor  
Dept. of Mathematics, JNTUCEA
- **Dr. A Sailakumari**  
Assistant Professor  
Dept. of Mathematics, JNTUCEA

## STUDENT COORDINATORS

- B.Sahana
- C.Latha Prasanna
- D B Praneetha
- Kotakonda Venkata Pavan Kumar
- Paturu Guna Siddhartha
- Kaveripakam Megala
- G.Santosh Kumar
- G.Rahul

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## IMPORTANT DATES

- Last Date for Registration : **March 1, 2018**
- Event Date : **March 7 - 8, 2018**

*Note: Student should bring the ID Card provided by the College*

## Register for the Event at

**Department of Mathematics, JNTUCEA, Anantapur**

## CHIEF COORDINATOR

**Professor Keshava Reddy E**  
Prof. & Head, Dept of Mathematics  
Email ID : keshava.maths@jntucea.ac.in  
Mob : +91- 9940228484

## ROAD MAP



**JNTUA**  
**College of Engineering**  
anantapuramu

## JNTUA COLLEGE OF ENGINEERING

In

Association With



**VDREAM ALLUSIONS**

**VDream Allusions & Redmad Learnings**

Is Organizing

**'STARTUP ANANTAPUR**  
**FOR ENTREPRENEURS 2018'**

Under TEQIP - III Program

On

**March 7 - 8, 2018**

At

**JNTUA Auditorium**  
**Anantapur**

## ABOUT JNTUCEA



JNT University Anantapur started functioning from the 155 acre campus of one of its Constituent College at Anantapur, since August 2008. As a budding University it is committed to develop and nurture a Technical Education System in the four districts of Rayalaseema viz., Anantapur, Chittoor, YSR, Kurnool districts and SPSR Nellore district which would produce skilled manpower of high quality comparable to the best in the world and in adequate numbers to meet the complex technological needs of the economy.

JNTUA, by virtue of the quality of its academic programmes, has consistently been ranked amongst the leading technical Universities in the country. The University has initiated many schemes to assure quality education to the students, career development of faculty members, progression of students towards higher education and generating career opportunities through the campus placement programmes in reputed organizations across the globe. The University is working dedicatedly towards the vision of producing quality technical graduates, competent teachers, scientists and leaders in the academics, research, industry and administration under the guidance and dynamic leadership of its Chairman.

**JNTUA has the following Constituent Colleges/ Units:-**

- JNTUA College of Engineering, Ananthapuramu.
- JNTUA College of Engineering, Pulivendula
- OilTechnological Research Institute, Ananthapuramu.
- JNTUA College of Engineering, Kalikiri.

## ABOUT VDREAM ALLUSIONS

VDREAM ALLUSIONS Pvt.Ltd., has initiated its endeavour of quality and value creation in 2016 with a global vision to become a part of "BETTER INDIA" concept through our Recruitment Services , CSR Projects and Skill Development activities & VDream Allusions –Corporate Institutional Training. VDream Allusions Strategies helps us to bring a unique approach to recruitment at the Entry Level , middle and senior management levels.

VDream Allusions has trained more than 12,000+ Students and given these trained talents to well known organizations across the India. Many of organizations has very less attrition after taking our trained talents across the India.

## ABOUT ANANTAPUR

Anantapur is a city in Anantapur district of the Indian state Andhra Pradesh. It is the mandal headquarters of Anantapur mandal and also the divisional headquarters of Anantapur revenue division. The city is located on National Highway was also the headquarters of the Data Mandalam in 1799. It also a position of strategic importance for the British Indian Army during the Second World War

## CLIMATE

Anantapur district has a semi-arid climate, with the temperatures as high as 42 °C. Since the rainfall is low than required, the agricultural sector faces several issues every year.

## TRANSPORTATION

Anantapur is connected to all parts of Andhra Pradesh by road and rail routes. Airline commute is also available at scheduled timings in Puttaparthi, which is in close vicinity to Anantapur. International travels are possible via Bangalore airport, since it is in a close distance to the city (123Kms via Rail and 225Kms by road).

## ABOUT EVENT

The main aim of this Event is to bring out the young entrepreneurs in to lime light by exhibiting their talents in front of top notch people from Industry.

The Event "Startup Anantapur for Entrepreneurs 2018" aims at providing an opportunity to the rural area students to pitch their idea and also to exhibit the prototype of their idea.

The event is organized by VDream Allusions & RedMad Learnings, in association with JNTUCEA, Anantapur under TEQIP - III Program on March 7 - 8, 2018.

This event will be carried through out two days, the Day - 1 will be the Inauguration & then 3 Parallel Sessions to Identify the Problem to build the startups. Later this will be followed by the Problem-thon Presentation.

On Day - 2, Shortlisted Problems will be announced along with the teams, which then be followed by the Idea-A-thon. Later this will be followed by the Idea-A-thon Presentation.

## WHO CAN PARTICIPATE ?

- Students from different colleges who have an idea to become entrepreneurs.
- Faculty members who want to become entrepreneurs.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Sky is the Limit to think & to Innovate**

**Why to Wait**

**Join us on March 7 - 8, 2018**

**Report on two days Training Programme  
On  
Startup and Enterpunership  
JNTUA College of Engineering Anantapur**

There is no precise or widely accepted definition of "Start Up Companies". However, start-ups are usually those enterprises which are promoted by first timer Entrepreneurs and are relatively recent in origin. The entrepreneur or a team of Entrepreneurs/professionals having expertise/experience, knowledge or know-how etc. are usually the driving force behind such ventures involving a high degree of Entrepreneurial skills and risk taking capacity. Such start-ups need support and Encouragement from various perspectives during the initial phase and subsequently the growth phase till establishment on firm-footing. The hand-holding and support is more critical for technology based startups. There are several examples in advanced Countries and also in India where successful start-ups have grown into large Companies and even large trans-national corporations.

Several policy measures and mechanisms have been evolved over the years to promote and support the start-ups in various phases, more so in advanced countries where large number of new technologies are available in the publicly supported R&D and academic institutions for commercialization and transfer to industry. The supporting mechanisms include technology business incubators and science & technology parks, innovation centers, venture capital, concessional financing and grants, fiscal incentives, etc. In India, various types of these mechanisms have been evolved and further being evolved to promote and support technology based start ups.

In view of growing need and importance of successful technology based start ups and their significant contribution to the economy, it was considered desirable to undertake a pilot study related to the status and experience of technology based start up enterprises in the country. The study data has been categorized in two types of enterprises. One constitutes the enterprises based on well established and readily available technologies which have been termed as "Traditional Technologies" in areas like paints, pigments, chlorine based chemicals, synthetic dyes, organic chemicals, well known pharmaceutical preparations and fabrication units etc. The other enterprises involving higher level of processes or machines like bullet proof glass, precision machine tools, automated control systems, robotics, microwave systems etc. which have been termed as "Technology based " enterprises.

The training programme Startup and Enterpunership for students of JNTA College of Engineering Anantapur was scheduled on 7<sup>th</sup> and 8<sup>th</sup> of March 2018.

On seventh of morning two sessions was engaged by Mr.Madha Reddy,founder and CEO,Redmad learnings and Mr.Nazeer Basha,MD,Vdream Allusions PVT.LTD., on the founder conclave and Campus Startup respectively, in which they have boosted the students towards Startup in the campus and how to do team work and interdisciplinary work.

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**



Name of the Workshop :  
 Organizing Department :  
 Date(s) of conduct :  
 Name of the Co-ordinator :

S. No	Department	Name of the participant	Signature	Mobile No.	E-mail ID:
01	CIVIL ENGINEERING	C. MANOJ KUMAR REDDY	<i>C. Manoj</i>	9441422294	manojkumarreddy520@gmail.com
02	"	K. HARISH BABU	<i>K. Harish Babu</i>	8341878175	harishkondeti52@gmail.com
03	"	A. MADHU SUDHAN	<i>A. Madhu Sudhan</i>	7095461587	madhusudhan786470@gmail.com
04	"	G. PAVAN SAI	<i>G. Pavan Sai</i>	9493422584	sai12345624@gmail.com
05	"	C. LIKITHA	<i>C. Likitha</i>	9908998144	ehinthalikhitha98@gmail.com
06	E.C.E	S. KANCHANA	<i>S. Kanchana</i>	7032801870	siddhekanchanalos@gmail.com
07	"	G.S. Revathi	<i>G.S. Revathi</i>	9951473185	revs.gsr123@gmail.com
08	C.S.E	N. MANASA RATHNA	<i>N. Manasa Rathna</i>	8106907705	smilyteja17@gmail.com
09	CSE	S. TULASI	<i>S. Tulasi</i>	9063515088	tulasi1415333@gmail.com
10	ECE	B. LAKSHMI DEVI	<i>Lakshmi</i>	8186033443	lakshmidevi4119@gmail.com
11	FEE	Juwairiah Jameen	<i>Juwairiah</i>	9491107340	juwairiahjameen@gmail.com
12	CSE	Sk. Khaja Hussain	<i>Sk. Khaja Hussain</i>	8187876033	khajahussain5085@gmail.com
13	MECHANICAL	P.M. Harish	<i>P.M. Harish</i>	9160523352	perumalharish7@gmail.com
14	mechanical	B. Dinesh	<i>Dinesh</i>	7337311227	dinesh1998@gmail.com
15	CSE	N. Prasad	<i>N. Prasad</i>	7303897231	prasad.negis35@gmail.com
16	MECH	G. V.V. HEMANTH	<i>G. V.V. Hemanth</i>	8919135377	hemanthgww@gmail.com
17	MECH	M. Mokshesh	<i>M. Mokshesh</i>	9492382301	m.mokshesh@gmail.com
18	MECH	A.A. Anshwarya	<i>Anshwarya</i>	9490459318	Anshwarya.riya19971126@gmail.in
19	Mech	N.V. Sunil Kumar	<i>N.V. Sunil Kumar</i>	9490193283	nvsr333@gmail.com
20	ESE	G. Haniprasad	<i>Hani</i>	9491130475	ghari.cs@gmail.com
21	CSE	M. Pavan Kumar	<i>M. Pavan</i>	7032166330	mogathipavan333@gmail.com
22	CSE	V. Chenna Kesava	<i>V. Chenna Kesava</i>	7675877481	vanichenna1984@gmail.com

S. No	Department	Name of the participant	Signature	Mobile No.	E-mail ID:
1	EEE	JINKA SASIKIRAN	<i>Jinkiran</i>	8331932070	sasikiran973@gmail.com
2	EEE	D.M. MANJUNATH	<i>D.M. Manjunath</i>	9490049821	221manjunath@gmail.com
3	EEE	U. NAGARJUNA REDDY	<i>U. Nagarjuna</i>	7799372562	Nagarjuna reddy@gmail.com
4	EEE	T. Vyshnavi	<i>T. Vyshnavi</i>	7093683457	Vyshanivtalla@gmail.com
5	EEE	R. Nandini	<i>Nandini R</i>	9441772091	nandini sachamalli@gmail.com
6	EEE	K. Tejaswini	<i>K. Tejaswini</i>	7660972497	Tejaswini.konduru@gmail.com
7	<del>S. Sai Sree Latha</del>				
7	EEE	S. Sai Sree Latha	<i>S. Sai Sree Latha</i>	8985780088	Sreelatha1098@gmail.com
8	EEE	M. C. Bhavana	<i>M. C. Bhavana</i>	7702621486	mcbhavana119@gmail.com
9	EEE	P. Sreedhar Bhairadwaj	<i>P. S. Bhairadwaj</i>	9490357487	P.V.S. Bhairadwaj1999@gmail.com
10	EEE	Z. Rikhi Joseph	<i>Z. Rikhi Joseph</i>	8333886941	Zocetzadda@gmail.com
11	EEE	G. Narendra	<i>G. Narendra</i>	8897427568	gnarendrakumar88@gmail.com
12	CHEM	C. Chakradhar Reddy	<i>C. Chakradhar Reddy</i>	9515914726	chakradharreddy2251@gmail.com
13	CHEM	N. Abhyudai Anthe	<i>N. Abhyudai Anthe</i>	7680973253	7680933253ab@gmail.com
14	Chem	K. Ganesh	<i>K. Ganesh</i>	8897743346	Kumar Ganesh19@gmail.com
15	Chem	H. Praveen	<i>H. Praveen</i>	9441835441	hegdepoudan55@gmail.com
16	Chem	K. Raj Kumar Akhela	<i>K. Raj Kumar Akhela</i>	7680937253	krkackhela2644@gmail.com
17	CHEM	G. Vishnu	<i>G. Vishnu</i>	9490212855	vishnuganthu meel@gmail.com
18	Chem	S. Moosa	<i>S. Moosa</i>	8179166956	ishakmoosa24@gmail.com
19	chem	V. prakash	<i>V. prakash</i>	7416538335	prakashreddy1381a@gmail.com
20	chem	S. kishore	<i>S. kishore</i>	8106630814	smakkishore803@gmail.com
21	chem	K. Karthik	<i>K. Karthik</i>	7016202153	Karthikreddy141@gmail.com
22	chem	S. Rehana	<i>S. Rehana</i>	7075433694	shaik rehana52@gmail.com
23	chem	K. Pallavi	<i>K. Pallavi</i>	7993277206	saipallavi574@gmail.com
24	Chem	Y. Tejaswini	<i>Y. Tejaswini</i>	9491923548	tejuli.yjk@gmail.com
25	chem	E. Pallavi	<i>E. Pallavi</i>	8019928287	Pallaviesanti@gmail.com
26	chem	B. Anjali	<i>B. Anjali</i>	9100765991	anjali.bhaskara17@gmail.com



**TEQIP - III**

C.B. NO. 07/2017-18

Date: 19/03/2018

Head of Account TEQIP-III

Voucher No. 07/2017-18

Date: 19/03/2018

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002**

FULL VOUCHERED CONTINGENT BILL

Procs. No & date: TEQIP-III / Maths/Academics/SC 1.3-2(i)/1/2017-18 dt

Purpose: Reimbursement of expenditure to conduct training programme on 5/3/18

Payable to: Dr. E. Keshava Reddy 7<sup>th</sup> March 2018

Major Head: Academics

Minor Head: 1.3.2(i)

No. of Sub Vouchers	Particulars	Amount Payable
	Reimbursement to Dr. E. Keshava Reddy, Professor, Dept. of Maths, JNTUA CEA	Rs 46,842/-

Passed for Rs. 46842/- (Rupees *Forty six thousand eight hundred and forty two only*)

*[Signature]*  
Nodal Officer  
Finance

*[Signature]*  
Coordinator

*[Signature]*  
Principal

Vr. No / 07 / 2017-18 dt 19/3/2018  
Amount drawn under endorsed/your goodselves/ Self Cheque No \_\_\_\_\_ dated \_\_\_\_\_ for Rs. 46842/-

Date: 19-03-2018

**REGISTRAR  
J.N.T.U. Anantapur  
ANANTHAPURAMU-515002**

*[Signature]*  
Principal

**J.N.T.U.A. COLLEGE OF ENGINEERING HOSTELS**  
ANANTHAPURAMU- 515002 (A.P.)  
Phone: 08554 - 272361

**RC.No. JNTUA/CEA/HOSTEL OFFICE/OIH/2018 Date: 08-03-2018**

**HOSTEL TENDER NOTICE**  
**(CHICKEN/EGGS/PROVISIONS)**  
**PART-I**

Sealed Tenders are invited from suppliers for the supply of  
I) DRESSED CHICKEN - (FRESH - SMALL BROILER)  
II) EGGS- (MAXIMUM SIZE)

for one year from date of award.  
Last date for the receipt of filled in tender documents in person by the Officer-In-charge of Hostel is **21-03-2018 at 3.00 p.m.**  
The Tender documents can be obtained from Hostel Office by payment of Rs. 3,000/- in the form of Challan. **Separate application for each item is to be submitted.**

**PART-II**  
Suppliers of Rice, Edible Oils and Provisions are called for registration for one year by paying Rs. 3,000/- in the form of challan. Registered suppliers will be called for quotations as and when provisions are required. **Last date for registration is 21-03-2018 at 3.00 p.m.**  
Note: Challan forms are available in the Hostel Office between 10.30 a.m. and 4.30 p.m. on all working days. All challan payments should be made at S.B.I., JNTUA Campus Branch, Anantapur.

PRINCIPAL & WARDEN

**కృత్రిమ వర్షాలు కురిపించాలి**

జీవినీటియూ: నూతన అవిష్కరణలతో కృత్రిమ వర్షాలు కురిపించాల్సిన అవసరాలకు ఎంతైనా ఉండని జీవినీటియూ అసెంబ్లీరూం వీటి ప్రాసెసర్ ఎస్.శ్రీనివాస కుమార్ అన్నారు. జీవినీటియూ ఇంజనీరింగ్ కళాశాల ఆడిటోరియంలో 'రాయలసీమలో నీటి వనరుల లభ్యత-న వాళ్లు' అంశంపై రెండు రోజుల పాటు నిర్వహించనున్న సదున్న బుధవారం ప్రారంభమైంది. ముఖ్య అతిథిగా హాజరైన వీటి మాట్లాడుతూ, మేఘమరుగునో కృత్రిమ వర్షాలు కురిపించే విధానం లాంఛివి విజయవంతమయ్యేలా చరిత్రోదయలు చేయాల్సిన అవసరం ఉందన్నారు. సీమలో నెలకొన్న కరువును పారదోలి.. కనీస నీటి మట్టంలోనే నీటి నిల్వలు ఉండేందుకు శీమకోవాల్సిన చర్యలపై ప్రజలను అవగాహన కల్పించాలన్నారు. అనంతరం విశ్వ ఆకలిగా హాజరైన వీటి ఇంజనీర్ సుధాకర్ బాబు మాట్లాడారు. రిజిస్ట్రార్ ఎస్ కృష్ణయ్య, డైరెక్టర్ సుధర్శనరావు, పాలకమండలి సభ్యుడు సి.శిధర్, ప్రోగ్రాం కోఆర్డినేటర్ ఆర్.ధవాని, అరుణాకాంత్ పాల్గొన్నారు.

**వీవీకేలో ఉచిత కంటి పరీక్షలు**

అనుభవుడం రూపలో: వీవీకే ఇంజనీరింగ్ కళాశాలలో బుధవారం కళాశాల ఎస్.ఎస్.ఎస్ విభాగం అధ్యక్షులలో విద్యార్థులకు ఉచిత కంటి పరీక్షలు నిర్వహించారు. కళాశాల ప్రెసిడెంట్ డా.ఇంది కమేష్టాబు మాట్లాడుతూ మానవ శరీరంలో అత్యంత ప్రాధాన్యమైనవి కళ్లు అని వాటిని కాస్తాగా సంరక్షించుకోవాలన్నారు. కార్యక్రమంలో కళాశాల యాజమాన్య ప్రతినిధి శ్రీకాంత్ రెడ్డి, ఎస్.ఎస్.ఎస్ అధికారి కరణం రమేష్ చక్రవర్తి అధికల్ప నిర్వాహకులు నికాముద్దీను పాల్గొన్నారు.

**బోత్సాహిక పారిశ్రామికవేత్తలుగా మారాలి**



**విద్యార్థులకు అవగాహన కల్పిస్తున్న మార్గసరణి**

జీవినీటియూ: ఉద్యోగం లేని కంటి పదిమందికి ఉపాధి కల్పించే ఉద్యోగ సృష్టికర్లుగా ఎదుగాని రెవ్ మార్ లర్నింగ్ ఎంపీ మార్గసరణి అన్నారు. జీవినీటియూ అసెంబ్లీరూం

ఇంజనీరింగ్ కళాశాల విద్యార్థులకు బోత్సాహిక పారిశ్రామిక వేత్తలుగా ఎలా ఎదుగాలనే అంశంపై బుధవారం అవగాహన కల్పించారు. మేఘమేటివ్ విభాగాధిపతి ప్రొఫెసర్ కు.శేఖరరెడ్డి అధ్యక్షులలో జీవినీటియూ అసెంబ్లీరూం కార్యక్రమాన్ని నిర్వహించారు. ఇందుకు ముఖ్య అతిథిగా మార్గసరణి హాజరై మాట్లాడారు. పరిశ్రమల నెలకొల్పే సాంప్రదాయం, వ్యవస్థ రాయలసీమలో తీర్చుకోవడా ఉన్న నేపథ్యంలో విద్యార్థులు ఇప్పటి నుంచే అవగాహన పెంచుకోవాలని సూచించారు. మొత్తం 12 గ్రూపులుగా విభజించి అందులో ఉత్తమమైన రెండు గ్రూపుల వారి వస్తువు ఉత్పత్తి చేయడానికి సహకారం అందిస్తామన్నారు. కార్యక్రమంలో వీ-టీం అల్యూమ్స్ ఎంపీ సజీద్ ఖాన్, నియోదిక ఎలజర్ ప్రెజెంట్ నుంచి ప్రతిభ పాల్గొన్నారు.

**15న సిసి దర్శకుడు శేఖర్ కమ్మల రాక**

ఎస్సయూ: ప్రముఖ సిసి దర్శకుడు శేఖర్ కమ్మల ఈ నెల 15న ఎస్సయూ. జీవినీటియూ ఆడిటోరియంలో పర్యటించనున్నారు. మహిళా సాధికారతకు సంబంధించిన కార్యక్రమాల్లో ఆయన పాల్గొననున్నారు. ఆరోజు ఉదయం శ్రీకృష్ణదేవరాయ విశ్వవిద్యాలయం, మద్యాహ్నం జీవినీటియూ అసెంబ్లీరూంలో జరిగే సమావేశాల్లో పాల్గొంటారని తెలిసింది.



**జీవినీటియూలో ఇంద్రియాల లభింపించే స్టేషన్ మెంట్ డైరెక్టర్ గా పదుర్వరంజనా పులివెందులూరి ఉపాధి అవకాశాల కమిటీ కృషి చేస్తున్న డాక్టర్ ప్రణాతి**

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

PROCEEDINGS OF THE PRINCIPAL, JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING  
(AUTONOMOUS) :: ANANTHAPURAMU  
PRESENT: Prof. K. Prahlada Rao: PRINCIPAL

145

TEQIP-III

Procs. No. TEQIP-III/ECE/Academics/SC 1.3-2(i)/2/2017-18

Date: 06.03.2018

Sub: JNTUA College of Engineering Ananthapuramu- JNTUACEA - TEQIP-III- Academics-  
Permission to conduct 4-day Training Programme on Smart City Hackathon during 09<sup>th</sup>  
to 12<sup>th</sup> of March 2018 – Orders – Issued.

Ref: Lr. Dt: 05-03-2018 of Dr. G. Mamatha, staff of ECE Dept.

\*\*\*

Dr. G. Mamatha, Assistant Professor of ECE Department has submitted a letter requesting the Principal to permit to conduct 4-day Training Programme on Smart City Hackathon as detailed below. The estimated expenditure for the same will be about Rs. 1,00,000/- and requested to permit to meet the expenditure from TEQIP-III funds.

**Title of the Program** : 4-day Training Programme on Smart City Hackathon

**Conducted by** : ECE Department, JNTUACEA

**Duration of Workshop** : 09<sup>th</sup> – 12<sup>th</sup> March 2018

**Resource Persons** : Sri Amarendra Katkam, CTO,  
Smart Bridge Educational Services Pvt. Ltd.,  
Hyderabad and other resource persons from  
Smart Bridge Educational Services Pvt. Ltd.,

**Coordinator** : Dr. G. Mamatha

The requisition submitted is approved and the Principal is pleased to accord permission Dr. G. Mamatha, Assistant Professor of ECE Department to conduct the said programme on the dates noted. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (i) head of account.

She is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. She also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.

Encl: i. Proforma.  
ii. Guidelines.

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

PRINCIPAL

To

Dr. G. Mamatha, Assistant Professor of ECE  
Copy to Head, ECE Department  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

TEQIP - III

C.B. NO. 08/2017-18

Head of Account TEQIP-III

Date: 22-03-2018

Voucher No. 08/2017-18

Date: 22-03-2018

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002

FULL VOUCHERED CONTINGENT BILL

Procs. No & date: TEQIP-III/ECE/Academics/SC-1.3.2(i)/2/2017-18 dt 06/03/2018

Purpose: Reimbursement of expenditure for conduction of Training Programme

Payable to: Dr. G. Mammatha from 09-12 march 2018

Major Head: TEQIP-III (Academics) Minor Head: 1.3.2(i)

No. of Sub Vouchers	Particulars	Amount Payable
	Reimbursement to Dr. G. Mammatha ASST. Professor, Dept. of ECE, JNTUACES	1,01,348/-

Passed for Rs. 1,01,348/- (Rupees One lakh One thousand three hundred and forty Eight)

  
Nodal Officer  
Finance

  
Coordinator

  
Principal

Amount drawn under endorsed/your goodselves/Self Cheque No. VV. No. 08/2017-18 dt 22/03/2018 dated for Rs. 1,01,348/-

Date: 22-03-2018

  
Principal

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



# TEQIP III



SMARTBRIDGE  
Let's Bridge the Gap

**Department of Electronics & Communication  
Engineering JNTUA College of Engineering  
(Autonomous), Ananthapuramu**

**4- day Training Programme on “ Smart City Hackthon ”**

**Sponsored by TEQIP-III**

**Date: 09<sup>th</sup> to 12<sup>th</sup> March 2018**

**Registration Link: <https://forms.gle/ijoH2r7jieWoa9n77>**



### About College

JNTUA College of Engineering (Autonomous), Ananthapuramu, an esteemed Engineering College in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty strength, number of academic programs offered and infrastructure. It is always committed to offer value-added instruction to widen the horizon of vision for the enrichment of technical education along with skill development.

### About Department

The Department of Electronics and Communication Engineering is started in the year 1974; over four decades the department has produced high-quality Engineers who have occupied coveted positions in India and abroad. Sincerity, commitment, passion, and team work are the unique qualities of the department. PG programs were introduced during the year 2001, later the department acquired research capability. The department has well qualified faculty with a right blend of experience and knowledge sharable professionals.

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**

## About Collaborating Partners

### Smart Bridge Educational Services Pvt. Ltd.

SMARTBRIDGE is an Edtech company specialized in building Next-Gen Talent pool with Skills in Emerging Technologies . The SMARTBRIDGE is a comprehensive one-stop platform catering to the skill & knowledge development of the young graduates turning professionals. They host smart solutions for the students that bridge the gap in the transition phase from academics to workplace. Their main objective is to bridge the existing gaps between prevailing industry standards and what the academics offer to the graduates while passing out of university. SmartBridge offers suitable skill deployment and training to the young talent before on boarding their first job. Their skill development programs are designed considering the present expectations in the industry. They thereby work along the lines to offer best programs.

### Objectives of the Program

A smart city hackathon is an event where people come together to find innovative solutions to problems faced by cities. These events are usually organized by city governments or organizations and bring together developers, designers, urban planners, and other experts to brainstorm ideas and create working prototypes.

### Eligibility

Faculty/Research Scholars/UG & PG Students of ECE and allied branches are Eligible to apply.

#### PATRON

**Prof. K Prahlada Rao**  
Principal  
JNTUA CEA

#### CO-PATRON

**Prof. P . Sujatha**  
Vice-Principal  
JNTUA CEA

#### RESOURCE PERSONS

**Sri Amarendra Katkam &  
Team,**  
CTO, Smart Bridge Educational  
Services Pvt. Ltd., Hyderabad  
and other resource persons from  
Smart Bridge Educational  
Services Pvt. Ltd.

#### CONVENER

**Prof. T . Sumalatha**  
Head, Department of ECE  
JNTUA CEA

#### CO-ORDINATOR

**Dr. G Mamatha**  
Asst. Professor,  
Department of ECE  
JNTUA CEA

There is **NO** Registration Fee

Last Date to Register - 07<sup>th</sup> March 2018

#### Contact details for any Queries:

**Email:** gmamatha.ece@jntua.ac.in

**Mobile:** +91 9490446399

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



02:00 PM - 04:00 PM	Hackathon Exhibition
04:00 – 05:00 PM	Certificate Presentation and Valedictory



**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



BATCH NO	TEAM NAME	COUNT	NAME	COLLEGE	SIGNATURE
1	Priya	1	Gandhala rishitha	Annamacharya institute of sciences and technology	G. Rishitha
		2	Moghal mushahid	Annamacharya institute of sciences and technology	M. Mushahid.
		3	Harsha vardhini	Annamacharya institute of sciences and technology	K. Harshavardhini
2	AMIGOS	5	A.shiva dhanush	Annamacharya institute of sciences and technology	Shy
			Shaik yaseen ahamed	Annamacharya institute of sciences and technology	Sk. Yaseen Ad
			V.adithya sarma	Annamacharya institute of sciences and technology	V. Adithya
			K.venkata prem kumar	Annamacharya institute of sciences and technology	K.V. Prem Kumar
			SHARATH KUMAR.U	Annamacharya institute of sciences and technology	Sh. Sharath
3	KRISHNA	4	M. Balaji P.NITHINKRISHNA	Annamacharya institute of sciences and technology	M. Balaji
			P.neethachowdary	Annamacharya institute of sciences and technology	P. Neethachowdary
			M.babitha	Annamacharya institute of sciences and technology	M. Babitha
			E.H.chaitra, chaitanya.T	Annamacharya institute of sciences and technology	E.H. Chaitra, Chaitanya
			KOUNDINYA AS	ANURAG GROUP OF INSTUTIONS(CVSR COLLEGE OF ENGINEERING)	Koundinya AS

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

Sl. No.	Team Name	Members	Institution	Signature
50	ANGELS	Harikumar reddy	sri venkateswara college of engineering and technology, chittoor	Harikumar Reddy
		krishnanand deo N. Netha Kumar	sri venkateswara college of engineering and technology, chittoor	Nithin
		V.Niharikha	Srinivasa Ramanujan Institute of Technology	Niharikha
51	EVER GREEN ECE	P.Tejaswini	Srinivasa Ramanujan Institute of Technology	Tejaswini.
		N.Lavanya	Srinivasa Ramanujan Institute of Technology	Lp
		G.Charan Teja Reddy	Srinivasa Ramanujan Institute of Technology	G. Charan Teja Reddy
		M.Sainath Reddy	Srinivasa Ramanujan Institute of Technology	M. Sainath Reddy
		R.Renuka Devi	Srinivasa Ramanujan Institute of Technology	R. Renuka Devi
52	SPH CREATORS TEAM	R.Jayasree	Srinivasa Ramanujan Institute of Technology	R. Jayasree
		R.Likhitha	Srinivasa Ramanujan Institute of Technology	Rishi
		Mahendrakar Siva Raj	St.Johns College of Engineering & Technology	M. Siva Raj
		M.Prudhvi Raj	St.Johns College of Engineering & Technology	M. Prudhvi
		Banda Keerthi	St.Johns College of Engineering & Technology	B. Keerthi
		UM Sailaja	St.Johns College of Engineering & Technology	U.M. Sailaja

PROCEEDINGS OF THE PRINCIPAL, JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING  
(AUTONOMOUS) :: ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL.

TEQIP-III

Procs. No. TEQIP-III/EEE/Academics/SC 1.3-2(i)/8/2017-18

Date: 20.04.2018

Sub: JNTUA College of Engineering Ananthapuramu- JNTUACEA - TEQIP-III- Academics-  
Permission to conduct 1-day Awareness Programme on "R Programming and Applications to  
Electrical Engineering" on 21-04-2018 - Orders - Issued.

Ref: Lr. Dt: 01-02-2018 of Sri J. Sreenivasulu, staff of EEE Dept.

\*\*\*

Sri J. Sreenivasulu, Assistant Professor of EEE Department has submitted a letter requesting the Principal to permit to conduct 1-day Awareness Programme on "R Programming and Applications to Electrical Engineering" on 21-04-2018. The estimated expenditure for the same will be about Rs. 35,000/- and requested to permit to meet the expenditure from TEQIP-III funds.


Title of the Program	:	1-day Awareness Programme on "R Programming and Applications to Electrical Engineering"
Conducted by	:	EEE Department, JNTUACEA
Duration of Workshop	:	21 <sup>st</sup> April 2018
Coordinator	:	Sri J. Sreenivasulu

The requisition submitted is approved and the Principal is pleased to accord permission Sri J. Sreenivasulu, Assistant Professor of EEE Department to conduct the said programme on the date noted. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (i) head of account.

He is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. He also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.


Encl: i. Proforma.  
ii. Guidelines.

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

  
PRINCIPAL.

To

Sri J. Sreenivasulu, Assistant Professor of EEE  
Copy to Head, EEE Department  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

## **ABOUT JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTHAPURAMU:**

JNTUA College of Engineering (Autonomous), Ananthapuramu, an esteemed Engineering College in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty, strength, number of academic programs offered and infrastructure. It is always committed to offer value added instruction to widen the horizon of vision for the enrichment of technical education along with skill development.

### **ABOUT EEE DEPARTMENT:**

EEE Department was established in 1946 offering B.Tech program in Electrical and Electronics Engineering with an intake of 30 students, which was enhanced to 50 in the year 1995 and subsequently to 60 in the year 2009. In 1946 the college was established at Guindy, Chennai and was shifted to Anantapur in 1948. The EEE Department offers various M.Tech programs. M.Tech, with specialization in "Electrical Power Systems" was started in the year 1971 with an intake of 25. Power and Industrial Drives was started in the year 2001 with an intake of 25 and Control Systems also started in the year 2001 with an intake of 25. The

Department also offers Part Time Post Graduation program M.Tech (PTPG) with an intake of 25 for working people in the APCPDCL, APTRANSCO, etc., The Department is having research facilities for Ph.D programme in Electrical Engineering Discipline.

### **Department Vision:**

1. Committed to expanding the horizon and inspiring young minds towards academic excellence.
2. Aims at scaling new heights in Electrical and Electronics Engineering through advanced research and innovative technologies to keep pace with the changing needs of industry and society at large.

### **Department Mission:**

1. To identify and implement proven, prevention oriented, forward looking solutions to critical scientific and technological problems in Electrical and Electronics Engineering.
2. To make technology a principle instrument of economic development of the country and to improve the quality of life of the people through technological education, innovation, research, training and consultancy.

### **ABOUT THE FDP:**

R is one of the most popular statistical programming languages for data scientists. It is heavily used in the field of machine learning, scientific computing, and statistical analysis. Since R is an interpreted programming language, you can run your code without any compiler. This makes development easier.



JNTU COLLEGE OF ENGINEERING  
(Autonomous), Ananthapuramu – A.P

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515007

TEQIP – III  
Sponsored

One Day Awareness Program

On

“R Programming and Applications to  
Electrical Engineering”

From

21<sup>st</sup> April, 2018

*Organized by*



DEPARTMENT OF EEE  
JNTUA COLLEGE OF  
ENGINEERING (Autonomous)  
ANANTAPUR – A.P.

**COORDINATOR**

**Sri. J. SREENIVASULU**  
Assistant Professor,  
Department of EEE  
JNTUA CEA Anantapur

**CHIEF PATRON**

**Prof. S. SRINIVAS KUMAR**  
Vice-Chancellor  
Jawaharlal Nehru Technological  
University Anantapur  
Ananthapuramu- A.P.

**PATRON**

**Prof. K. RAMA NAIDU**  
Principal, JNTUACEA  
Ananthapuram – A.P.

---

**CHAIRMAN**  
**Dr. R. KIRANMAYI**  
Professor & Head,  
Department of EEE  
JNTUA CEA

**CONVENOR**  
**Dr. V. SANKAR**  
Professor  
Department of EEE  
JNTUA CEA

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**ADVISORY COMMITTEE**

All Faculty Members of the Department

**REGISTRATION FEE**  
No Registration Fee

**TARGETED AUDIENCE**  
Faculty of all disciplines

**REGISTRATION**

Offline Registration on the day of arrival

**FOR ANY QUERY FEEL FREE TO  
CONTACT**

Mobile No.:  
8639077156, 7382720330

**CRITERIA FOR AWARD OF E-  
CERTIFICATE OF PARTICIPATION**

Attending all sessions

**Report on One day Awareness Program on  
“R Programming & Applications to Electrical Engineering”**

**On 21-04-2018**

Prof. V. Sankar, Convener of the event welcomed the gathering and mentioned about the objectives of the awareness program. Prof. R. Kiranmayi, Head of the Department of Electrical & Electronics Engineering explained about the credentials of the department. Prof. K. Rama Naidu preceded over the function. Prof. S. Srinivas Kumar, Vice-Chancellor, JNTUA has given key note address on the theme of awareness program.

R is one of the most popular statistical programming languages for data scientists. It is heavily used in the field of machine learning, scientific computing, and statistical analysis. Since R is an interpreted programming language, you can run your code without any compiler. This makes development easier.

The field of electric power systems engineering relies heavily on computer simulations for analysis because of its nature. These computer simulations aid the planning, operation and management of the system. Computer simulations have been implemented using several scientific computing tools. However, we have not yet seen any implementations using R. In the process, this awareness program started creating standalone scripts for several topics of interests in electrical engineering domain. Examples are:

- Power flow simulation (Gauss-Siedel & Newton-Raphson techniques)
- Time domain simulation of the Single-Machine Infinite Bus (SMIB) system using the Modified Euler numerical integration method.
- Multi-machine transient stability simulation using the ‘deSolve’ package for solving  $n$ -ODEs that describe the dynamics of interconnected generating machines.

**Benefits of R Programming:**

- A R Programming could be useful to engineers and students who are looking to migrate to an open-source language like R that has better visualization options and interfaces to several technologies. Models for several dynamic systems could then be analyzed using R.

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**

- The package could assist in further developments in areas like optimal control theory, power systems, reliability etc., which has several applications to economics and management sciences.



  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**TEQIP - III**

C.B. NO. 06/2018-19  
 Date: 29-05-2018

Head of Account TEQIP-III  
 Voucher No. 06/2018-19  
 Date: 29-05-2018


**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
 COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002**


FULL VOUCHERED CONTINGENT BILL

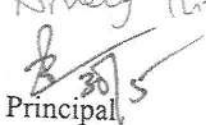
Procs. No & date: TEQIP-III/EEE/Academics/SC 1.3-2(f)/8/2012-18 dt  
 Purpose: Reimbursement for conducting one day programme on 20/4/2018  
 Payable to: Sri. J. Sreenivasulu G.n.21-04/2018  
 Major Head: Academics Minor Head: 1.3-2(f)

No. of Sub Vouchers	Particulars	Amount Payable
	Sri J. Sreenivasulu for conducting of one day programme on 21-04-2018	₹ 28,793/-

Passed for Rs. 28,793/- (Rupees Twenty Eight thousand Seven hundred and ninety three only)

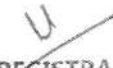
  
 Nodal Officer  
 Finance
 

  
 Coordinator
 

  
 Principal

Amount drawn under endorsed/your goodselves/ Self Cheque No. nr no/06/2018-19 dt 29/5/2018 dated for Rs. 28,793/-

Date: 29/5/2018

  
**REGISTRAR**  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002

  
 Principal

  
**REGISTRAR**  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002



**One Day Training Program on "R-Programming and Applications to Electrical Engineering" on 21.04.2018, EEE JNTUACEA  
(Attendance Form)**

S.No.	Name of the Student	College	F.N		A.N	
			Session 1	Session 2	Session 3	Session 4
1	C.NAGA DIVYA	JNTUACEA	C.Naga Divya	C.Naga Divya	C.Naga Divya	C.Naga Divya
2	K.Teja deepika	"	K.teja	K.teja	K.teja	K.teja
3	T. Sreevidya	"	T. Sreevidya	T. Sreevidya	T. Sreevidya	T. Sreevidya
4	A.G. Tejaswini	"	<del>AGT</del>	<del>AGT</del>	<del>AGT</del>	<del>AGT</del>
5	S. Padma Sharon	"	Padma Sharon	Padma Sharon	Padma Sharon	Padma Sharon
6	K. Sharmila Gowri	"	K. Sharmila Gowri	K. Sharmila Gowri	K. Sharmila Gowri	K. Sharmila Gowri
7	S. Ayesha Tasleem	"	S. Ayesha Tasleem	S. Ayesha Tasleem	S. Ayesha Tasleem	S. Ayesha Tasleem
8	C. Lavanya	"	C. Lavanya	C. Lavanya	C. Lavanya	C. Lavanya
9	N. Madhurya	"	N. Madhurya	N. Madhurya	N. Madhurya	N. Madhurya
10	P. Hemalatha	"	P. Hemalatha	P. Hemalatha	P. Hemalatha	P. Hemalatha
11	S. Salma	"	Salma	Salma	Salma	Salma
12	K. Sai Rajani	"	K. Sai Rajani	K. Sai Rajani	K. Sai Rajani	K. Sai Rajani
13	M.V. Maheswaramma	"	M.V. Maheswaramma	M.V. Maheswaramma	M.V. Maheswaramma	M.V. Maheswaramma
14	N. Priyadarshini	"	N. Priyadarshini	N. Priyadarshini	N. Priyadarshini	N. Priyadarshini
15	N. Revathi	"	N. Revathi	N. Revathi	N. Revathi	N. Revathi
16	K. Priyanka	"	K. Priyanka	K. Priyanka	K. Priyanka	K. Priyanka
17	Shaik Ayesha	"	S. Ayesha	S. Ayesha	S. Ayesha	S. Ayesha
18	M.J. Nikhitha	"	M.J. Nikhitha	M.J. Nikhitha	M.J. Nikhitha	M.J. Nikhitha

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMII-515002**

19	M. Susmitha	JNTUACEA	M. Susmitha	M. Susmitha	M. Susmitha	M. Susmitha
20	Y. Bharathi Devi	"	Y. Bharathi	Y. Bharathi	Y. Bharathi	Y. Bharathi
21	C. Himabindu	JNTUACEA	C. Himabindu	C. Himabindu	C. Himabindu	C. Himabindu
22	K. Ravi	JNTUACEA	K. Ravi	K. Ravi	K. Ravi	K. Ravi
23	D. Venkata Rajesh	APSPDC L	D. Venkata Rajesh	D. Venkata Rajesh	D. Venkata Rajesh	D. Venkata Rajesh
24	S. Praveen	JNTUACEA	S. Praveen	S. Praveen	S. Praveen	S. Praveen
25	G. Hemanth Kumar	JNTUACEA	G. Hemanth Kumar	G. Hemanth Kumar	G. Hemanth Kumar	G. Hemanth Kumar
26	Shaik. Sheshavali	JNTUACEA	Sheshavali	Sheshavali	Sheshavali	Sheshavali
27	M. MURALI	JNTUACEA	M. Murali	M. Murali	M. Murali	M. Murali
28	Y. Venkata Sainath	"	Sainath	Sainath	Sainath	Sainath
29	A. Anuraj	"	A. Anuraj	A. Anuraj	A. Anuraj	A. Anuraj
30	G. Rajesh	JNTUACEA	G. Rajesh	G. Rajesh	G. Rajesh	G. Rajesh
31	K. Karthik	JNTUACEA	K. Karthik	K. Karthik	K. Karthik	K. Karthik
32	K. Ramesh	JNTUACEA	K. Ramesh	K. Ramesh	K. Ramesh	K. Ramesh
33	B. Saicharan Reddy	JNTUACEA	B. Saicharan Reddy	B. Saicharan Reddy	B. Saicharan Reddy	B. Saicharan Reddy
34	K. Rajavendra	"	K. Rajavendra	K. Rajavendra	K. Rajavendra	K. Rajavendra
35	P. Ayyappa	JNTUACEA	P. Ayyappa	P. Ayyappa	P. Ayyappa	P. Ayyappa
36	P. Dharmendra Kumar	JNTUACEA	P. Dharmendra Kumar	P. Dharmendra Kumar	P. Dharmendra Kumar	P. Dharmendra Kumar
37	K. Chandrababu	JNTUACEA	K. Chandrababu	K. Chandrababu	K. Chandrababu	K. Chandrababu
38	K. Lokeshwaraiyah	JNTUACEA	K. Lokeshwaraiyah	K. Lokeshwaraiyah	K. Lokeshwaraiyah	K. Lokeshwaraiyah
39	S. Gopi	"	S. Gopi	S. Gopi	S. Gopi	S. Gopi
40	K. Siva	JNTUA	K. Siva	K. Siva	K. Siva	K. Siva

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMII-515002**

41	SK. Mohammed Ali	JNTUACEA	<i>SK. Mohammed Ali</i>	<i>SK. Mohammed Ali</i>	<i>SK. Mohammed Ali</i>	<i>SK. Mohammed Ali</i>
42	G. Ganeshwar	JNTUACEA	<i>G. Ganeshwar</i>	<i>G. Ganeshwar</i>	<i>G. Ganeshwar</i>	<i>G. Ganeshwar</i>
43	O. Mallesh	JNTUACEA	<i>O. Mallesh</i>	<i>O. Mallesh</i>	<i>O. Mallesh</i>	<i>O. Mallesh</i>
44	K. Murali	JNTUACEA	<i>K. Murali</i>	<i>K. Murali</i>	<i>K. Murali</i>	<i>K. Murali</i>
→ 45	EDWARD ANTONI	JNTUACEA	<i>Edward Anton</i>	<i>Edward Anton</i>	<i>Edward Anton</i>	<i>Edward Anton</i>
→ 46	K. Sunee Kumar	"	<i>K. Sunee Kumar</i>	<i>K. Sunee Kumar</i>	<i>K. Sunee Kumar</i>	<i>K. Sunee Kumar</i>
→ 47	G. Shyamprasad	JNTUACEA	<i>G. Shyamprasad</i>	<i>G. Shyamprasad</i>	<i>G. Shyamprasad</i>	<i>G. Shyamprasad</i>
× 48	K. Sai Sateesh	JNTUACEA	<i>K. Sai Sateesh</i>	<i>K. Sai Sateesh</i>	<i>K. Sai Sateesh</i>	<i>K. Sai Sateesh</i>
→ 49	S. Mahabub Bushra	JNTUACEA	<i>S. Mahabub Bushra</i>	<i>S. Mahabub Bushra</i>	<i>S. Mahabub Bushra</i>	<i>S. Mahabub Bushra</i>
50	J. Sandeep Kumar	JNTUACEA	<i>J. Sandeep Kumar</i>	<i>J. Sandeep Kumar</i>	<i>J. Sandeep Kumar</i>	<i>J. Sandeep Kumar</i>
51	G. Krishna Chaitanya	JNTUACEA	<i>G. Krishna Chaitanya</i>	<i>G. Krishna Chaitanya</i>	<i>G. Krishna Chaitanya</i>	<i>G. Krishna Chaitanya</i>
52	S. Shamilla Begum	JNTUACEA	<i>S. Shamilla Begum</i>	<i>S. Shamilla Begum</i>	<i>S. Shamilla Begum</i>	<i>S. Shamilla Begum</i>
53	P. Manoj Kumar	JNTUACEA	<i>P. Manoj Kumar</i>	<i>P. Manoj Kumar</i>	<i>P. Manoj Kumar</i>	<i>P. Manoj Kumar</i>
54	K. Vasudev Rao	JNTUACEA	<i>K. Vasudev Rao</i>	<i>K. Vasudev Rao</i>	<i>K. Vasudev Rao</i>	<i>K. Vasudev Rao</i>
55	K. Madhukar	"	<i>K. Madhukar</i>	<i>K. Madhukar</i>	<i>K. Madhukar</i>	<i>K. Madhukar</i>
56	S. Salma	JNTUACEA	<i>S. Salma</i>	<i>S. Salma</i>	<i>S. Salma</i>	<i>S. Salma</i>
57						
58						
59						
60						
61						
62						

REGISTRAR  
J.N.T.U. ANANTAPUR  
ANANTAPURAHU-518002

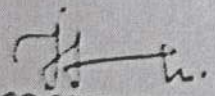


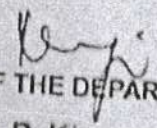
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
 COLLEGE OF ENGINEERING (AUTONOMOUS), ANANTHAPURAMU - 515002, A.P.




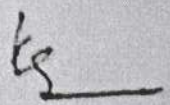
**Certificate of Participation**

Certified that Mr./Ms. K. Naga Bhushanam ..... PG Student/  
 Faculty of EEE Department JNTUA ..... College of Engineering, Anantapur ..... has attended  
 One Day Awareness Program on "R Programming and Applications to Electrical Engineering",  
 on 21<sup>st</sup> April, 2018, under TEQIP - III funds at Prof. S. Thiruvengalam Memorial Seminar Hall,  
 Department of Electrical Engineering.

  
 CO-ORDINATOR  
 (Sri. J. Sreenivasulu)

  
 HEAD OF THE DEPARTMENT  
 (Prof. R. Kiranmayi)

  
 REGISTRAR  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002

  
 PRINCIPAL  
 (Prof. K. Prahlada Rao)

  
 REGISTRAR  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002

PROCEEDINGS OF THE PRINCIPAL, JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING (AUTONOMOUS) ::  
ANANTHAPURAMU

PRESENT: Prof. K. Prahlada Rao: PRINCIPAL

TEQIP-III

Procs. No. TEQIP-III/CSE/Academics/SC 1.3-2(i)/4/2017-18

Date: 21-03-2018

Sub: JNTUACEA –TEQIP-III-Academics-Permission to conduct 3-day Training Programme on “Machine Learning” on 22<sup>nd</sup> to 24<sup>th</sup> of March, 2018 – Orders – Issued.

Ref: Lr. Dt: 20-03-2018 of Dr. A.P. Siva Kumar, Asst. Professor in CSE Dept.

\*\*\*

Dr. A.P. Siva Kumar, Assistant Professor of CSE Department has submitted a letter requesting the Principal to permit to conduct a 3-day Training Programme on “Machine Learning” as detailed below. The estimated expenditure for the same will be about Rs.1,00,000/- and requested to permit to meet the expenditure from TEQIP-III funds.

**Title of the Programme** : 3-day Training programme on Machine Learning

**Conducted by** : CSE Department, JNTUACEA

**Duration of Workshop** : 22<sup>nd</sup> -24<sup>th</sup> March, 2018

**Resource Persons** : Resource persons from reputed organizations

**Coordinator** : Dr. A.P. Siva Kumar

The requisition submitted is approved and the principal is pleased to accord permission Dr. A.P. Siva Kumar, Assistant Professor of CSE Department to conduct the said programme on the dates noted. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2(i) head of account.

He is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. He also requested to submit Photographs, list of participants, feedback reports, etc., as per TEQIP-III norms in proforma provided.

**Encl. :**

- i. Proforma
- ii. Guidelines

PRINCIPAL

To

Dr. A.P. Siva Kumar, Assistant Professor of CSE  
Copy to Head, CSE Department  
Copy to Prof. M.L.S. Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr. D. Vishnu Vardhan, Coordinator- (TEQIP-III)  
Copy to Dr. A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills  
Spare

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING  
**J.N.T.U.A COLLEGE OF ENGINEERING**  
(Autonomous)

Ananthapuramu - 515002 (A.P) INDIA

A Technically Engineered Version with  
Events:

**Workshop on Machine Learning**

Paper Presentation (Ppt)

Quizophile (Quiz)

Bug-O-Mania (Debugging)

Coding Blitz (Online Coding)

Trace de Treasure (Treasure Hunt)

Gaming Terrain (LAN Gaming)

Candid Clickz (Photography)

Mini Cinemaa (Short Film Contest)

Project Expo (Project Expo)

Natyakshetra (Cultural Competition)

Dance Fiesta (Culturals)

& More Spot Events...

Note:

For more details visit our site:

[www.pixel2k18.in](http://www.pixel2k18.in)



Follow us on:

[www.fb.com/pixel.jntuacea](https://www.facebook.com/pixel.jntuacea)

[www.twitter.com/pixel\\_jntuacea](https://www.twitter.com/pixel_jntuacea)

[www.instagram.com/pixel\\_jntuacea](https://www.instagram.com/pixel_jntuacea)

Registration Fee:

Paper Presentation

Project Expo

Quizophile

Coding Blitz

Bug-O-Mania

Trace de Treasure

Candid Clickz

Mini Cinemaa

Gaming Terrain

} Rs. 200 /-  
per Participant

Paper Presentation Team Registration - Rs. 300 /-

Natyakshetra Solo Registration - Rs. 600 /-

Natyakshetra Team Registration - Rs. 1200 /-

Workshop Registration - Rs. 800 /-

For payment details visit our website.

Rules and Regulations:

1. Max of two participants per team are allowed for Paper Presentation.
2. The complete details (Soft copy of the presentation) must be produced at the time of presentation.
3. Participants should carry their Identity Card or authorization from the principal of the college at the time of presentation.
4. Maximum of 10 Participants are allowed for Natyakshetra Team Registration

Facilities:

Hospitality (at normal charges).

DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING



**J.N.T.U.A COLLEGE OF ENGINEERING**  
(Autonomous)

Ananthapuramu - 515002 (A.P) INDIA

Proudly Presents



**pixel**  
Excellence Redefined

A National Level  
Technical Symposium  
On 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> March 2018.

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

### About Us:

J.N.T.U.A College of Engineering Anantapur (AUTONOMOUS), Ananthapuramu, an esteemed Engineering College in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to in-take, faculty strength, number of academic programs offered and infrastructure. Now it is constituent college of JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR.

The B.Tech Computer Science and Engineering programme was started in the year 1989. The MCA programme was Started in the year 1996. The M.Tech programme was started in the year 2000. Currently Department is offering specializations in M.Tech programs viz., Computer Science, Computer Science & Engineering, Artificial Intelligence and Software Engineering. The Department has expertise in areas of Computer Networks, Big Data Analytics Software Engineering, Image Processing & Pattern Recognition, Data Mining, Dataware housing and Software Engineering.

### About Ananthapuramu:

Ananthapuramu is connected by National Highway (NH-7) between Bangalore and Hyderabad and is also well connected by number of trains and is located between Guntakal and Bangalore junctions. Puttaparthi, a place of spiritual importance, which has the Ashram of Bhagavan Shri Satya Sai Baba, is in the proximity of Anantapur. Lepakshi, which is known for it's murals, is about 100km and the delegates may enjoy a trip to these places.

**Chief Patron** : Prof. S. Srinivas Kumar  
Vice-Chancellor, JNTUA  
Ananthapuramu.

**Patron** : Prof. K. Prahlada Rao  
Principal,  
JNTUA College of Engineering,  
Ananthapuramu.

**Co-Patron** : Prof. M. L. S. Deva Kumar  
Vice-Principal,  
JNTUA College of Engineering,  
Ananthapuramu.

**Convenor** : Prof. S. Vasundra  
Head of CSE Department,  
JNTUA College of Engineering,  
Ananthapuramu.

### Co-ordinators :

Dr. A. P. Siva Kumar  
Asst. Professor

Dr. K. F. Bharathi  
Asst. Professor

### Objectives

While change has always been a characteristic of technology, the rate of change is ever increasing. New technologies and their convergence crash into our lives almost constantly. The domain of Computer Science & Engineering is energizing the exponential development of new technologies and has become an apple of the eye. As ITians, come and contribute a PIXEL to this ocean of ever innovative technologies. Let us print our stamp on the future.

### Important Dates:

Last date for submission of papers through e-mail : 15<sup>th</sup> March, 2018

Intimation of selection : 16<sup>th</sup> March, 2018

Symposium on: 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> March, 2018

Registrations for all the events are to be done online at [www.pixel2k18.in](http://www.pixel2k18.in)

### Send your papers:

Through e-mail: [pixel.jntua@gmail.com](mailto:pixel.jntua@gmail.com)

For further details contact

### Staff Co-ordinators:

Dr. A. P. Siva Kumar  
Asst. Professor

Dr. K. F. Bharathi  
Asst. Professor

### Student Co-ordinators:

Mr. Y. Avinash (B.Tech)  
+91-7075726652

Mr. M. Yuvaraj Naik (M.Tech)  
+91-8074206881

Mr. E. Jay Krishna (M.C.A)  
+91-9014741431

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU 515002

**Report on**  
**3 Day Training Programme on Machine Learning**  
**during 22<sup>nd</sup> – 24<sup>th</sup> March, 2018**

Prof. S. Vasundra, Convener of the program and HoD of CSE Department, welcomed the gathering and mentioned about the objectives of the awareness program. Prof. K. Prahlada Rao preceded over the function. Prof. S. Srinivas Kumar, Vice-Chancellor, JNTUA has given key note address on the theme of awareness program.


This program is a part of PIXEL, A National Level Technical Symposium conducted during 22<sup>nd</sup> – 24<sup>th</sup> March, 2018. The objective of the program is to create awareness about the artificial intelligence (AI) and machine learning, i.e. is to program computers to use example data or experience to solve a given problem. About 280 participants from affiliated and constitute colleges have been participated.


Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy. Machine learning is an important component of the growing field of data science. Through the use of statistical methods, algorithms are trained to make classifications or predictions, and to uncover key insights in data mining projects. These insights subsequently drive decision making within applications and businesses, ideally impacting key growth metrics. As big data continues to expand and grow, the market demand for data scientists will increase. They will be required to help identify the most relevant business questions and the data to answer them.

Machine learning algorithms are typically created using frameworks that accelerate solution development, such as TensorFlow and PyTorch.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**





 **Jawaharlal Nehru Technological University Anantapur**  
College of Engineering(AUTONOMOUS), Ananthapuramu.  
Department of CSE  
Proudly Presents  
A NATIONAL LEVEL TECHNICAL SYMPOSIUM  
**PIXEL 2018**  
22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup>  
**MARCH 2018**  
91 9075726657  
www.pixel2k18.in  
pixel.jntua@gmail.com  
pixel.jntua.cae  
pixel.jntua.cae



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

TEQIP - III

6 Siva Report Photo

C.B. NO. 02/2018-19

Head of Account TEQIP-III

Date: 02-04-2018

Voucher No. 02/2018-19

Date: 02-04-2018

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002

FULL VOUCHERED CONTINGENT BILL


Procs. No & date: TEQIP-III / CSE / Agency / Sr. 1.3-2(i)/u/2017-18 dt  
Purpose: Reimbursement of expenditure on account of <sup>21/03/2018</sup> ~~training~~ <sup>programme</sup> on 22<sup>nd</sup> to 24<sup>th</sup> ~~March~~ <sup>2018</sup>  
Payable to: Dr. A. P. Siva Kumar  
Major Head: TEQIP-III Minor Head: 1.3.2-(i)

No. of Sub Vouchers	Particulars	Amount Payable
	Reimbursement to Dr. A.P. Siva Kumar, Asst Professor in CSE, JNTUACEA.	<del>RS. 79,307/-</del> RS. 79,307/-

Passed for Rs. 79,307/- (Rupees Seventy Nine thousand three hundred and seven only)

  
Nodal Officer  
Finance

  
Coordinator

  
Principal

Amount drawn under/your goodse. ves/ Self Cheque No. 02/2018-19 dt 2/4/18 dated 2/4/18 for Rs. 79,307/-

Date: 2/4/18

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

  
Principal

SNo	Name of the Participant	Department	Mobile No.	E-mail id:	Signature
1	S.Shreya	Computer Science and Engineering	9515225095	shreya.srikakula02@gmail.com	Shreya
2	K.Anitha	Computer Science and Engineering	9290446889	anithak2222@gmail.com	Anitha
3	V.Yuvaree	Computer Science and Engineering	9398034323	164G1A05B9@srit.ac.in	Yuvaree
4	B.sheshi Rekha	Computer Science and Engineering	9951309706	164G1A0595@srit.ac.in	B. Sheshi
5	B.pallavi	Computer Science and Engineering	9441734927	bpallavi068@gmail.com	Pallavi
6	M.Uma maheshwari	Computer Science and Engineering	9985438852	164G1A05B4@srit.ac.in	Uma
7	D.Lakshmi	Computer Science and Engineering	7075016804	164G1A0544@srit.ac.in	Dhanmi
8	M.Dhenuka Datta	Computer Science and Engineering	9573908897	164G1A0521@srit.ac.in	Dhenuke
9	K.Meena	Computer Science and Engineering	8985732123	164G1A0555@srit.ac.in	K. Meena
10	P.Mounika	Computer Science and Engineering	8187873810	164G1A0556@srit.ac.in	Mounika
11	P.Sudheshna	Computer Science and Engineering	9490372801	pokurisudhi99@gmail.com	P. Sudheshana
12	S.Alekya	Computer Science and Engineering	8897897336	alekyaindian@gmail.com	Alekya
13	B.Hemalatha	Computer Science and Engineering	8328131110	busupallihemalatha@gmail.com	Hemalathe
14	D.Venkata Nikhil	Computer Science and Engineering	9493526297	desaivenkatnikhil@gmail.com	Nikhil
15	T.chandra Babu	Computer Science and Engineering	9177448750	Chandu.thalapati@gmail.com	Chandra
16	R.Anirudh	Computer Science and Engineering	9912337693	anirudhravuri4@gmail.com	R. Anirudh
17	B.Hemanth	Computer Science and Engineering	8897113394	hemanthraju88598@gmail.com	Hemanth
18	S.Ahmed Ali	Computer Science and Engineering	9000143397	ahmedali.aa07@gmail.com	S.AhmedAli
19	B.Sai Charan Reddy	Computer Science and Engineering	9502362013	charanforevers@gmail.com	Charan
20	G.Sravani	Computer Science and Engineering	8978471005	gsaiSravani514@gmail.com	G. Sravani
21	Hari Krishna.p	Computer Science and Engineering	8978471005	harikrishna.patakamuuri@gmail.com	Hari
22	S.Pavan Kumar Reddy	Computer Science and Engineering	8008045612	spavanreddy@gmail.com@gmail.com	P@I
23	Bhanu prakash.mallepoola	Computer Science and Engineering	9966556733	sravan8147@gmail.com	Prakash
24	M.Rohini	Computer Science and Engineering	7981391910	mattaparthirohini51@gmail.com	Rohini
25	M.Haritha	Computer Science and Engineering	9441514690	harithareddym1998@gmail.com	M. Haritha
26	J.Akhila	Computer Science and Engineering	9491091722	jakhilasetty@gmail.com	T. Akhila
27	Danamraju prashanthi	Computer Science and Engineering	9515659346	prashanthi.danamraj@gmail.com	D. Prashanthi
28	Tondapanati pravallika	Computer Science and Engineering	7842215647	pravallikaroyall@gmail.com	pravallika
29	Sompalli.Sreelekha	Computer Science and Engineering	9133085517	Sreelekha11965@gmail.com	S. Sreelekha
30	Yenugula Sreelatha	Computer Science and Engineering	9515577119	komalay1997@gmail.com	Sreelatha
31	Palle Vidyavathi	Computer Science and Engineering	8919286303	vidhyapalle@gmail.com	P. Vidyavathi
32	V.Teja Sri	Computer Science and Engineering	9502930945	vtejareddy99@gmail.com	Teja Sri
33	S.Rasheeda	Computer Science and Engineering	9515635056	rasheedashaik8@gmail.com	S. Rasheeda
34	B.Bhargavi Lakshmi	Computer Science and Engineering	9441577096	basireddybhargavi@gmail.com	Lakshmi
35	B.Gayathri	Computer Science and Engineering	9121082446	gayatrigitlers@gmail.com	Gayathri
36	Gayathri Diddi	Computer Science and Engineering	7995927827	gayathrididdi3@gmail.com	Gayathri D
37	B.Vyshnavi	Computer Science and Engineering	9010912446	vyshnavidazzle@gmail.com	Vyshnavi
38	B.Vijay Kumar	Computer Science and Engineering	7207226226	prabha.vky@gmail.com	Vijay
39	V.Risheek	Computer Science and Engineering	9502624254	risheekvarala@gmail.com	Risheek
40	R.Yashwant	Computer Science and Engineering	9581186684	ykrishna369@gmail.com	Yashwant
41	V.Shoyab	Computer Science and Engineering	9493460105	shoyabvadla2015@gmail.com	Shoyab
42	D.Sai vandana	Computer Science and Engineering	7995216783	saivandana@gmail.com	vandana

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

258	K.Pranav sai	Computer Science and Engineering	9478345678	pranavsai56@gmail.com	Pranav Sai
259	V.Thanmayee	Computer Science and Engineering	9745239045	thanmayeethanu@gmail.com	Thanmayee
260	M.Jaya Vishnu	Computer Science and Engineering	7645289012	vishnujaya325@gmail.com	Jaya Vishnu
261	N.Shanthi	Computer Science and Engineering	8986567898	shanthipriya@gmail.com	Shanthi
262	K.Rajamanikyam	Computer Science and Engineering	8059641237	rajamanikyam377@gmail.com	Rajamanikyan
263	K.Sathish	Computer Science and Engineering	9784367888	sathishchowdary@gmail.com	Sathish
264	M.Archana	Computer Science and Engineering	9856783423	matetiarchana@gmail.com	Archana
265	C.Nitya	Computer Science and Engineering	8074635849	nityakonidala29@gmail.com	Nitya
266	G.Vanaja	Computer Science and Engineering	8416597235	vanajaguduru87@gmail.com	Vanaja
267	P.Rajini	Computer Science and Engineering	7842215984	rajnikalikiran20@gmail.com	Rajini
268	F.Sharmila	Computer Science and Engineering	8055116947	kodurusharmila@gmail.com	Sharmila
269	G.Janaki	Computer Science and Engineering	9506648825	janakirama65@gmail.com	Janaki
270	R.Swarna	Computer Science and Engineering	9963367568	swarnababineti@gmail.com	Swarna
271	E.Raja	Computer Science and Engineering	9948862276	rajagopal2456@gmail.com	Raja
272	B.Sarala	Computer Science and Engineering	7205866449	saraiakomala97@gmail.com	Sarala
273	K.Revanth	Computer Science and Engineering	9705240556	revanthkumar19@gmail.com	Revanth
274	Y.Thanuja	Computer Science and Engineering	9493554885	thanujareddy09@gmail.com	Thanuja
275	S.Maneesh	Computer Science and Engineering	9504465512	maneeshbabu@gmail.com	Maneesh
276	H.Yamini	Computer Science and Engineering	8978874556	yamini576@gmail.com	Yamini
277	D.Kavya	Computer Science and Engineering	7648519558	kavyasri67@gmail.com	Kavya
278	A.yuvasri	Computer Science and Engineering	8156274394	yuvasi1998@gmail.com	Yuvasri
279	R.Harshith	Computer Science and Engineering	9448561238	harshithchappidi@gmail.com	Harshith
280	C.Jhansi	Computer Science and Engineering	8059643271	jhansivkr011@gmail.com	Jhansi

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS); JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. GOVINDA RAJULU: PRINCIPAL,

TEQIP-III

Proc. No. TEQIP-III/NPIU/Academics/1.3-2(iv)/24/2019-20

Date:29-07-2019.

Sub: JNTUA College of Engineering Ananthapuramu - TEQIP-III - Academics - Permission to conduct One week workshop on "Leadership Skills for Teaching Faculty" from 19-08-2019 to 24-08-2019 at JNTUACEA-Orders-Issued.

Ref: Letter dt: 29-07- 2019, from Prof. V.B.Chitra, Head of Dept, Dept. of Humanities, JNTUACEA.

\*\*\*

Prof. V.B.Chitra, Head of Dept, Dept. of Humanities, JNTUACEA submitted a letter requesting the Principal for permission to conduct One week workshop on "Leadership Skills for Teaching Faculty" from 19-08-2019 to 24-08-2019 at JNTUACEA Ananthapuramu and requested to meet the expenditure from TEQIP-III funds.

Title of the Programme	:	One week workshop on "Leadership Skills for Teaching Faculty"
Conducted by	:	Department of Chemical Engg., JNTUACEA
Date of Workshop	:	19-08-2019 to 24-08-2019
Coordinator (s)	:	(i) Prof. V.B. Chitra, Head of H&SS Dept, (ii) Dr. Ruma Bhadauria, UCET Bikaner

The requisition submitted is approved and the Principal is pleased to accord permission to Prof. V.B. Chitra, Head of H&SS Dept, JNTUACEA to conduct the above said programme on the date(s) noted. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2(iv) head of account.

It is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. And also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in Performa provided.

To  
Prof. V.B. Chitra, Head of H&SS Dept, JNTUACEA  
Copy to Dr.A.P. Siva Kumar, TEQIP-III Co-ordinator & Nodal Officer (P)  
Copy to Prof. E. Keshava Reddy, Nodal Officer (A) (TEQIP-III)  
Copy to Dr.K. Jithendra Gowd, Nodal Officer (E) & TEQIP MIS officer  
Copy to Bills

  
PRINCIPAL  


  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. GOVINDA RAJULU: PRINCIPAL

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics 1.3-2(iv)/Adv/5/2019-20

Date: 16-08-2019

Sub: JNTUACEA - TEQIP-III- Academics – Sanction of Advance of Rs. 2,00,000/- to Prof. V.B.Chitra, Head of the Humanities, - Reg.- Orders-Issued.


Ref: Lr. Dated: 29-07-2019 from Prof. V.B.Chitra, Head of the Humanities, JNTUACEA.

\*\*\*

In response to the letters received in ref. cited, the Principal, JNTUA College of Engineering (Autonomous) Ananthapuramu is pleased to sanction an advance amount of Rs. 2,00,000/- (Rupees Two Lakhs only) to Prof. V.B.Chitra, Head of the Humanities, JNTUACEA in connection with conduct one week Workshop at JNTUA College of Engineering Ananthapuramu from 19-08-2019 to 24-08-2019.

The TEQIP-III office is requested to pay an advance amount of Rs. 2,00,000/- (Rupees Two Lakhs only) to Prof. V.B.Chitra, Head of the Humanities, JNTUACEA. The above expenditure shall be met from the TEQIP-III funds of this college.

To  
Dr.A.P. Siva Kumar, TEQIP-III Co-ordinator & Nodal Officer (P)  
Copy to Prof. M. L.S. Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) & TEQIP MIS officer  
Copy to Bills.

  
PRINCIPAL

PRINCIPAL  
J.N.T.U A College of Engineering  
(Autonomous)  
ANANTHAPURAMU-515002.  
A.P. INDIA.

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

Dept. of Humanities & Social Sciences  
JNTUA College of Engineering  
(Autonomous)  
Ananthapuramu-515002 (A.P) INDIA



TEQIP-III Sponsored  
One-Week FDP on  
"Leadership Skills"  
(19 -24 August, 2019)

LEADERSHIP



Coordinator and Convener  
**Dr. V.B. Chithra**

Head, Department of Humanities  
Email: [humanities.jntuacea@gmail.com](mailto:humanities.jntuacea@gmail.com)  
Mobile: 9441215579/6301799895

Organized by  
JNTUA College of  
Engineering(Autonomous)  
Ananthapuramu-515002 (A.P), INDIA  
[www.jntuacea.ac.in](http://www.jntuacea.ac.in)

&  
University College of Engineering &  
Technology, Bikaner

Chief Patron  
**Prof. S. SRINIVAS KUMAR**  
Vice-Chancellor  
Jawaharlal Nehru Technological University  
Anantapur, Ananthapuramu

Patron  
**Prof. K. GOVINDARAJULU**  
Principal,  
JNTUA College of Engineering,  
Ananthapuramu

Co-Patron  
Dr. M.L.S.Devakumar  
Professor & Vice Principal  
JNTUA College of Engineering,  
Ananthapuramu

Coordinators  
**Dr. V.B. Chithra**  
Professor & Head  
Department of Humanities, JNTUACEA  
&  
**Dr. Ruma Bhaduria,**  
Asst. Professor of Management  
UCE & T, Bikaner

Advisory Committee  
Prof. D.S. Kesava Rao, NIT Warangal  
Prof. V.V.N. Rajendra Prasad, AP Central  
University, Anantapur  
Prof. G.M. Sundaravalli, Rector,  
S.V. University, Tirupati  
Prof. Madhuranthakam Narendra, Principal  
S.V. University, Tirupati.

TEQIP-III Sponsored  
One-Week FDP on  
"Leadership Skills"  
(19 -24 August, 2019)

Registration Form

Interested candidates may kindly send  
the completed Registration forms of  
Hard and Soft copies along with the  
Demand Draft (drawn in favor of the  
Principal, Humanities, JNTUACEA  
payable at SBI JNTUEC Branch,  
Anantapur) to the Convener.

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualification: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for Communication: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Registration Payment Particulars

DD No: \_\_\_\_\_ Date: \_\_\_\_\_

Amount Rs: \_\_\_\_\_

Bank Name: \_\_\_\_\_

Accommodation Required: Y/N

\_\_\_\_\_

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

\_\_\_\_\_

(Signature of Sponsoring/Authority with Seal)

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



#### About us

JNTUA College of Engineering (Autonomous) Ananthapuramu, an esteemed engineering college in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty strength, number of academic programs offered and infrastructure.

#### About the H&SS Department

The department of Humanities and Social Sciences was established as an independent department in the year 1976. The department has been catering to the steadily growing and diversifying requirements of all the branches of engineering. The department always aims to remain like a beacon in leading students to the path of noble deeds, aspirations and truth. It is always committed to offer value added instruction to widen the horizon of vision for the enrichment of analytical tools, conceptual, managerial, as well as, interpersonal communication skills.

#### About the FDP

This FDP aims to upgrade teaching, training, communication and leadership skills in the faculty. The program enables participants to develop an appreciation for the changing roles & responsibilities of the teachers and to prepare for the same.

#### Objectives of the FDP

- ✓ To inculcate passion for developing leadership skills among teachers.
- ✓ To equip teachers and scholars with critical thinking.
- ✓ To improve self-awareness & self-motivation.
- ✓ To help them to develop reflective practices.
- ✓ To make them aware of positive attitude in life.
- ✓ To upgrade pedagogy educational technology.

#### How to reach Ananthapuramu

Bangalore and Puttaparthi are the nearest airports, and are situated at a distance of 210 km and 80 km respectively from Anantapur. Anantapur Railway Station is the nearest railway station from Anantapur. Trains for various major routes are available from this station. Ananthapuramu is connected by National Highway (NH-44) between Bangalore and Hyderabad.

#### SUB-TOPICS

- Interpersonal Communication Skills
- Team Work
- Self Motivation/Self-Awareness
- Emotional Intelligence
- Professional Ethics & Human Values
- Stress Management
- Essential leadership qualities

#### Resource Persons

Resource persons are from IIT/NIT/Central/State reputed universities/institutes

#### Venue

Mechl.Engg. Dept Seminar Hall,  
JNTUACEA, Anantapur.

#### Target Audience

Faculty from all disciplines and  
Research scholars

#### How to Apply

Applicants should apply in the prescribed format. Lodging and boarding for the outstation participants will be provided at JNTUACEA guesthouse/hostel at free of cost. There are maximum 30 seats for outstation participants. Registration fee of Rs.1000/- (refundable after the successful completion of the FDP) is to be paid for the FDP in the form of a DD drawn in favour of Principal.Humanities.JNTUACEA payable at SBI JNTUEC Branch, Anantapur The DD should be sent to the provided address and a scanned copy to [humanities.jntuacea@gmail.com](mailto:humanities.jntuacea@gmail.com).

For A/c Transfer: No, 37756092976  
SBI, JNTU Engg.College Branch,  
Anantapur, IFSC SBIN0002723

#### Important Dates

Last date for receipt of applications:  
16th August 2019

#### E-Mail

[humanities.jntuacea@gmail.com](mailto:humanities.jntuacea@gmail.com)

Contact numbers:- 9441215579 /

9292951540 / 9490476456

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**JNTUA College of Engineering (Autonomous) Ananthapuramu-515002 (A.P) INDIA**

**TEQIP-III Sponsored One-Week FDP on "Leadership Skills", a twinning program conducted by the Department of Humanities from 19-08-2019 to 24-08-2019 at JNTUACEA**

**REPORT**

The Department of Humanities and Social Sciences, JNTUA College of Engineering, Ananthapuramu, in collaboration with University College of Engineering & Technology, Bikaner Technical University, Bikaner, Rajasthan organized a One-Week Faculty Development Programme on "Leadership Skills" from 19-08-2019 to 24-08-2019 on the JNTUACEA college premises. The FDP aimed to upgrade teaching, training, communication and leadership skills in the faculty. This program enabled the participants to develop an appreciation for the changing roles and responsibilities of the teachers and to prepare for the same. About 150 participants from different parts of the country had participated in this program.



The program started with the registration at 8:30am on 19<sup>th</sup> September followed by the inaugural function. Prof.M.Vijay Kumar, Registrar of JNT University, Anantapur and Prof.D.S.Kesava Rao, Professor of English, NIT Warangal, Prof. K. Govinda Rajulu, the Principal of JNTUACEA and the coordinators from JNTUACEA & UCE&T, Bikaner lighted the lamp marking the inauguration of One-Week FDP.

  
**REGISTRAR**  
**J.N.T.U, Anantapur**  
**ANANTAPURAMU-515002**

Prof. K. Govinda Rajulu, Principal of the college had presided over the function. The Coordinator of the program, Dr. V. B. Chithra welcomed the guests and participants. She has detailed about the courses offered by the department of Humanities. Further, she has highlighted the objectives of the FDP with an emphasis on reinforcing the communication skills for teachers for effective instructional delivery system. Dr. Ruma Bhadauria, the Coordinator from UCE&T, Bikaner had elaborated on the importance of leadership skills for the academicians.

In his address, Prof. K. Govindarajulu emphasized the significance of the FDP and importance of leadership skills for the professionals.

The chief guest, Prof. M. Vijay Kumar in his inaugural speech stated the responsibilities of a teacher as leader and advised them to update their leadership skills.

Key Note Address was presented by the Resource Person Prof. D.S. Kesava Rao Garu, Department English, NIT Warangal. In his speech he briefly introduced the proposed topics/themes to be discussed in the Program.

Directors Prof. K.B. Chandra Sekhar, Prof. B. Eswar Reddy, Prof. G. Prasanthi, Prof. C. Shobha Bindhu, and Prof. V. Sankar, Prof. Vaishali, Prof. P. Sujatha, Prof. R. Padma Suvarna, Prof. S. Vasundra, Prof. R. Bhuvana Vijaya, Dr. B. Chandra Mohan Reddy, Dr. T. Narayana Reddy, Prof. E. Aruna Kanthi, Prof. R. Bhavani, Dr. S. Sharada, and other faculty members of the department graced the inaugural function.

The first two sessions were handled by Prof. D.S. Kesava Rao. In his lecture, Prof. Kesava Rao delivered a thought-provoking lecture on "Academic Leadership" covering the essential skills like Strategic Thinking, Planning and Delivery, People Management, Change Management, and Communication that a leader should possess.

Eminent teachers from reputed universities like IIT Tirupati, NIT Warangal, Central Universities, State Universities and Special trainers from Master Training Academy, Bangalore and Soft Skills Trainer served as resource persons for the One-week programme. Prof. M. L. Sai Kumar, Prof. S. V. Pulla Reddy, Prof. P. Lokananda Reddy, Prof. Ch. Rama Prasada Rao, Prof. Vamshikrishna Reddy, Prof. Vaneet Kashyap, Mr. V.V. Rama Krishna Sasti, Dr. B. Susheela, Dr. Ruma Bhadauria, Dr. Sudhir Bhardwaj etc were resourceful in providing the inputs for the thrust areas like, Academic Leadership, Team Building, Leadership and Human Rights, Role of Academic Leadership in Higher Education, Integrating Positivity and Values, Ethics in Educational Leadership, Emotional Intelligence, The Role of Effective Communication in

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

Leadership and Team Management, Barriers to Effective Communication, Organizational Behavior on Building High Performance Teams, Spiritual Intelligence, Stress Management, The What, Why, and How of Leadership Development, Managing Conflicts, Leadership Styles, Qualities of a leader.

The One-Week programme came to an end on 24-08-2019 with valedictory function preceded by feedback of the participants. They expressed their immense pleasure in conducting a program like this which genuinely reinforced their leadership skills.

The Vice-Chancellor of the University, Prof. S. Srinivas Kumar served as the Chief Guest and reinstated the importance of the program and congratulated the organizing team for making the programme a grand success.

Principal Prof. K.Govinda Rajulu congratulated the coordinators. Vice Principal Prof. M.L.S. Deva Kumar and the Convenor of the Program Dr.V.B.Chithra expressed their gratitude towards everyone for making the program a grand success. Prof. K. Govinda Rajulu, Principal of JNTUACE, Anantapur distributed the participation certificates to the delegates and finally the program was ended with the national anthem.



  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**TEQIP - III**

C.B. NO. 102/2019-20

Head of Account TEQIP III

Date: 16-8-2019

Voucher No. 102/2019-20

Date: 16-8-2019

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002**

FULL VOUCHERED CONTINGENT BILL

Procs. No & date: TEQIP-III/NPISW/Academics/1.3-2(iv)/adv/5/2019-20 dt. 16/8/19

Purpose: Payment for conduct one week workshop at JNTUA College of Engineering Ananthapuramu from 13-24 August 2019.

Payable to: Prof. V.B. Chitra, Head of the Humanities Dept., JNTUA CEA

Major Head: TEQIP-III Minor Head: 1.3-2(iv)

No. of Sub Vouchers	Particulars	Amount Payable
	Payable to Prof. V.B. Chitra Head of Humanities Dept, JNTUA CEA.	Rs. 2,00,000/-

Passed for Rs. 2,00,000/- (Rupees Two Lakhs only)

  
Nodal Officer  
Finance

  
Coordinator

  
Principal

Amount drawn under endorsed/your goodselves/ Vr No 102/2019-20 dated 16/8/19 for Rs 2,00,000,

Date: 16-8-2019.

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

  
Principal

**TEQIP - III**

C.B. NO. 270/2019-20

Date: 17-12-2019

Head of Account **TEQIP-III**

Voucher No. 270/2019-20

Date: 17-12-2019

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR  
COLLEGE OF ENGINEERING, ANANTHAPURAMU-515002**

**FULL VOUCHERED CONTINGENT BILL**

Procs. No & date: **TEQIP-III/NPIU/Academics/1.3-2(Liv)/17/2019-20 Dt: 07-08-2019**  
 Purpose: **Payment for conduct one week faculty development programme at JNTUACEA during 19-24 August 2019.**  
 Payable to: **Prof. V.B. Chithra, HOD of HSS, JNTUACEA**  
 Major Head: **TEQIP-III** Minor Head: **1.3-2 (Bv)**

No. of Sub Vouchers	Particulars	Amount Payable
	Payable to Prof. V.B. Chithra, HOD of HSS, JNTUACEA.	Rs. 1,00,101/-

Passed for Rs. 1,00,101/- (Rupees one lakh one hundred and one only)

  
Nodal Officer  
Finance

  
Coordinator

  
Principal

Amount drawn under endorsed/your goodselves/ Vr No 270/2019-20 dated 17/12/19 for Rs 1,00,101/-

Date: 17-12-2019.

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**

  
Principal

From

Dr. V.B.Chithra  
Professor & Head  
Dept. of Humanities  
JNTUACE, Anantapuramu.

Anantapuramu  
Dt: 11-10-2019

To

The Principal  
JNTUACE  
Anantapuramu.

TEQIP/60  
11/10

Sir,

**Sub:-** JNTUACEA – Dept of Humanities – Teqip III sponsored One-Week Faculty Development Programme on Leadership Skills (19-24 Aug 2019)- Reimbursement of amount - Requested - Reg.

**Ref:-** Procs.No. TEQIP-III/NPIU/Academics/HSS/1.3-2(iv)17/2018-2019, dt: 7-08-2019 of the Principal, JNTUACEA, Anantapur

\*\*\*\*\*

With reference to the proceedings cited, permission was accorded for conducting One-Week Faculty Development Programme on "Leadership Skills." under TEQIP – III Twinning program from during 19-24 August 2019 at our college premises. In this regard, an amount of Rs.3,00,101/- (Rupees three lakh one hundred and one only) was spent towards meeting the expenses incurred for TA/DA & Honorarium of the resource persons, Hospitality, stationery and other miscellaneous expenditure.

I received an amount of Rs. 2,00,000/- (Rupees two lakh only) as an advance amount to meet the expenditure. The remaining expenditure was borne by the Convenor of the FDP. Therefore, I request to reimburse the balance amount of Rs. 1,00,101/- (Rupees One lakh one hundred and one only) as early as possible.

I am herewith enclosing the original cash bills for taking necessary action.

Thank You,

Encl: Original bills

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

Yours faithfully,  
  
(V.B.CHITHRA)



JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS), ANANTHAPUR  
JNTUA UNIVERSITY ANANTHAPURAMU - 515002, A.P.




UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY  
BIKANER TECHNICAL UNIVERSITY, BIKANER - 334004, RAJASTHAN

### Certificate of Participation

This is to certify that Mr./Ms./Dr./Prof. K. Rajesh Sam  
of JNTUACEA has participated  
in TEQIP - III sponsored One-Week Faculty Development Program on Leadership  
Skills, during 19-21 August 2019 conducted at JNTUA College of Engineering Anantapur.

  
Prof. V.H. CHITHRA  
Convener & Coordinator  
JNTUACEA, Anantapur

  
Dr. SUDHIR BHARDWAJ  
Coordinator  
UCE&T, Bikaner

  
Dr. RUMA BHADURIA  
Coordinator  
UCE&T, Bikaner

  
Prof. K. GOVINDA RAO  
Principals  
JNTUACEA, Anantapur

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



The Hindu

# Improve leadership skills, JNTUA faculty told

## 150 take part in training programme

SPECIAL CORRESPONDENT  
ANANTAPUR

Teachers need to enhance their leadership skills to be effective role models for the students and there was a continuous need for upgrading teaching, training, and communication and leadership among the faculty.

At a week-long Faculty Development Programme on the JNTU Anantapur College of Engineering (Autonomous), resource persons dealt on various aspects of enhancing leadership skills. Department of Humanities & Social Sciences Professor V.B. Chithra, who coordinated the programme, said in a release on Sunday that interpersonal communication skills, team work, academic

leadership, self motivation/self awareness were some of the key points that were explained by the resource persons through some interesting examples and demonstrations.

Resource persons from IIT, NIT, Central, State universities, institutes and trainers on personality development were drafted to drive home aspects of emotional intelligence, professional ethics and human values, stress management and essential leadership qualities.

A total of 150 participants at the programme, inaugurated by JNTUA Registrar M. Vinay Kumar, loved the presentations on positive attitude and reflective practices.

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

Dept of Humanities and Social Sciences, JNTUA College of Engineering, Anantapur.  
TEQIP-III Sponsered OneWeek FDP on "Leadership skills"

Adhoc Faculty, JNTUA/CEA

Date:-19-08-2019

Attendance Sheet

S.No.	Name	Designation/College name	Mobile Number	Signature	
				F.N	A.N
1	T. Dada Kalandar	Asst. prof. (ADHOC)	9966994157	<i>T. Dada</i>	<i>T. Dada</i>
2	Dr. A. Nagaraju	Asst. prof. (ADHOC)	9440785952	<i>A. Nagaraju</i>	<i>A. Nagaraju</i>
3	P. kullayappa	Asst. prof. (ADHOC)	7893155620	<i>P. kullayappa</i>	<i>P. kullayappa</i>
4	Dr. D. Varalakshmi	Asst. prof. (ADHOC)	9100147144	<i>D. Varalakshmi</i>	<i>D. Varalakshmi</i>
5	T. Sudhakar	Asst. prof. (ADHOC)	8919292094	<i>T. Sudhakar</i>	<i>T. Sudhakar</i>
6	S. Venkateswarlu	Asst. prof. (ADHOC)	9966595881	<i>S. Venkateswarlu</i>	<i>S. Venkateswarlu</i>
7	B. Madhu Babu	Asst. prof. (ADHOC)	9533070136	<i>B. Madhu Babu</i>	<i>B. Madhu Babu</i>
8	Dr. K. Lakshmi Narayana Reddy	Library Asst. (ADHOC)	9393320491	<i>K. Lakshmi Narayana Reddy</i>	<i>K. Lakshmi Narayana Reddy</i>
9	Muntimadugu Vijaya Kumar	Asst. prof. (ADHOC)	9440750133	<i>Muntimadugu Vijaya Kumar</i>	<i>Muntimadugu Vijaya Kumar</i>
10	C. Vinay Kumar	Asst. prof. (ADHOC)	9494630285	<i>C. Vinay Kumar</i>	<i>C. Vinay Kumar</i>
11	Shaik Fayaz	Asst. prof. (ADHOC)	9652526053	<i>Shaik Fayaz</i>	<i>Shaik Fayaz</i>
12	D. Jagan Mohan	Asst. prof. (ADHOC)	9441764330	<i>D. Jagan Mohan</i>	<i>D. Jagan Mohan</i>
13	Dr. D. Jagan Mohan	Asst. prof. (ADHOC)	9441764330	<i>Dr. D. Jagan Mohan</i>	<i>Dr. D. Jagan Mohan</i>
14	S. Chandrusha	Asst. prof. (ADHOC)	9490123723	<i>S. Chandrusha</i>	<i>S. Chandrusha</i>
15	B. Revathi	Asst. prof. (ADHOC)	8099993907	<i>B. Revathi</i>	<i>B. Revathi</i>
16	G. Mahaboob Basha	Asst. prof. (ADHOC)	9640547868	<i>G. Mahaboob Basha</i>	<i>G. Mahaboob Basha</i>
17	G. Sailaja Kumari	Asst. prof. (ADHOC)	8500078700	<i>G. Sailaja Kumari</i>	<i>G. Sailaja Kumari</i>
18	G. Nirupama	Asst. prof. (ADHOC)	6302384225	<i>G. Nirupama</i>	<i>G. Nirupama</i>
19	G. Neeraja	Asst. prof. (ADHOC)	9490540468	<i>G. Neeraja</i>	<i>G. Neeraja</i>
20	Dr. N. Suresh Kumar	Asst. prof. (ADHOC)	9014333537	<i>Dr. N. Suresh Kumar</i>	<i>Dr. N. Suresh Kumar</i>
21	B. Pradeep Raju	Asst. prof. (ADHOC)	9966515758	<i>B. Pradeep Raju</i>	<i>B. Pradeep Raju</i>
22	Dr. K. Sathesh	Asst. prof. (ADHOC)	9849540467	<i>Dr. K. Sathesh</i>	<i>Dr. K. Sathesh</i>
23	D. Raja kullayappa	Asst. prof. (ADHOC)	8555887166	<i>D. Raja kullayappa</i>	<i>D. Raja kullayappa</i>
24	J.P. Rufus Khan	Asst. prof. (ADHOC)	9490054977	<i>J.P. Rufus Khan</i>	<i>J.P. Rufus Khan</i>
25	D. Jyothi	Asst. prof. (ADHOC)	9494609830	<i>D. Jyothi</i>	<i>D. Jyothi</i>
26	K. Sravani	Asst. prof. (ADHOC)	9490762541	<i>K. Sravani</i>	<i>K. Sravani</i>
27	E. Sudheer Kumar	Research Scholar	9949933662	<i>E. Sudheer Kumar</i>	<i>E. Sudheer Kumar</i>
28	Dr. T. Noorjahan Begam	Asst. prof. (ADHOC)	9493622344	<i>Dr. T. Noorjahan Begam</i>	<i>Dr. T. Noorjahan Begam</i>
29	K. Somasena Reddy	Asst. prof. (ADHOC)	9533741695	<i>K. Somasena Reddy</i>	<i>K. Somasena Reddy</i>
30	K. Vishnuvardhana	Asst. prof. (ADHOC)	8500188386	<i>K. Vishnuvardhana</i>	<i>K. Vishnuvardhana</i>
31	M. Hari Prasad	Asst. prof. (ADHOC)	7207621454	<i>M. Hari Prasad</i>	<i>M. Hari Prasad</i>

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

32	K. Sriatha	Asst. prof. (ADHOC)	9491619728	PK	41
33	R. Nagaveni	Asst. prof. (ADHOC)	9160854357	E	20
34	K. Madhavi	Asst. prof. (ADHOC)	8555090784	tu	11/11
35	R.J.V. Anil Kumar	Asst. prof. (ADHOC)	9291280081	dl	dl
36	M.P. Rangalah	Asst. prof. (ADHOC)	9391686488	Mr	18
37	D. Saudhar Reddy	Asst. prof. (ADHOC)	9533655560	V	L
38	M. Ashok Chakravarthi	Asst. prof. (ADHOC)	9493210829	h	h
39	K. Sreekanth	Asst. prof. (ADHOC)	9492154399	D	D
40	K. Madhurima	Asst. prof. (ADHOC)	9492409924	B.	B.
41	M. Naga Ramiya Krishna	Asst. prof. (ADHOC)	9676440760	B.	B.
42	M. Charles	Asst. Prof. (Adhoc)	9301706576	h	h
43	A. SREEDHAR	Librarian	98857740	h	h
44	M. Murali Naidu	Asst. prof. (Adhoc)	7441311500	h	h
45	P. Srinivas Kumar	Asst. prof. (Adhoc)	8105031455	h	h
46	T. SARASJA	" " "	729207540	h	h
47	K. THABREY KHAN	" " "	9490476145	h	h
48	P. M. Rama Naidu	" " "	74404244	h	h
49	K. RAJESH SAIY	" " "	99091644	h	h
50	S. Anulha	" " "	9160562333	h	h

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

Dept of Humanities and Social Sciences, JNTUA College of Engineering, Anantapur.  
TEQIP III Sponsered One Week FDP on "Leadership skills"

Faculty outside  
JNTUA

Date: 19-08-2019

Attendance Sheet

S.No.	Name	Designation/College name	Mobile Number	Signature	
				F.M	A.M
1	P.Veimuragan	Asst.prof.Salem	6385501979	Vil	vil
2	M.Madhusudan K.S.	Research scholar, Chennai	9095605395	M	M
3	P.Basheer Khan	Asst.prof.JNTUACEK	7989268925	P	P
4	D.Harish	AITS Rajampeta	868855596	D	D
5	Dr.Raghupathi Ramaswamy	Asst.Prof.Vivekananda College	965661618	R	R
6	B.Anil kumar reddy	Asst.Prof.IIT Ongole	9966585808	A	A
7	Dr.VVN Bhushan Nunna	Asst.prof.CUAP	7036048987	V	V
8	Dr.C.Prakash	Asst.prof.CUAP	9640884806	C	C
9	A.Kaveendra Babu	Asst.prof.CUAP	8008636981	A	A
10	C.Puroshotham	SV University TPT	7396519597	C	C
11	Dr.P.Aparna	Lecturer Govt.Polytechnic,Hindupur	8328043164	P	P
12	Dr.A.Swaroop Rani	JNTU Pulivendula	773053050	A	A
13	R.Kalaseelvi	Asst.prof.Salem	8838166883	R	R
14	Y.Sri Devi	Asst.prof.vardhaman college of engineering, HYD	9963431587	Y	Y
15	R.Rekha Rani	CBIT Proddutur	9502136845	R	R
16	Dr.A.Phaniraja kumar	YSR Engineering college, Proddutur	8331007703	P	P
17	G.Salaja	Lecturer Govt. Polytechnic, OMM	9492153313	G	G
18	M.Sandeep	Lecturer Govt. Polytechnic, ATP	9533806075	M	M
19	S.Arana	Asst.Prof Gates college Gully	7893795348	S	S
20	K.Radhika	Asst.prof.Balaji college of Pharmacy, ATP	9985270576	K	K
21	G.Gousiya Begum	Asst.prof	8885750557	G	G
22	R.Gangadhara	Asst.prof Stanley college of engineering, HYD	9700353324	R	R
23	G.Vishnuvardhan	sk university, ATP	9618288200	V	V
24	Shak Shakila	faculty central university, ATP	9441816492	S	S
25	G.Sunkanna	Asst.prof, KUNINGOOL	8309683557	G	G
26	P.Kousar basha	Asst.prof RGM, Nandyal	8919739132	P	P

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

27	K. Gopikrishna	Asst. prof. RGM, Nandyal	9849962714		
28	B.R. Lakshmi	Asst. prof. GNITS 76 759 78/63	7675378169	Asst	Asst
29	Dr. B.R. Manasa	CUAP	918259131	Asst	Asst
30	N. Narayan reddy	Lecturer	9493187929	Asst	Asst
31	V.G. Kiran kumar	Lect. SKU	8978121771	Asst	Asst
32	S. Pradeep kumar	Lect. SKU	9966735952	Asst	Asst
33	Nasreen noor	Asst. prof. GPREC Kurnool	7674025052	Asst	Asst
34	Sr. Riyaz Hussain	Asst. prof. J.U.J.T	7893953757	Asst	Asst
35	Dr. Kachayani	Asst. prof. Yogvemaana kadapa	9490130699	Asst	Asst
36	Dr. P. Nagendra	EEE Head Govt polytechnic, Chittoor	7416802941	Asst	Asst
37	N. Himabindu	Research scholar, SPMVV, IPT	9441275766	Asst	Asst
38	Dr. N. Sulochana	SL. GOVT. Polytechnic, Chittoor	9441883266	Asst	Asst
39	Y. Suresh babu	EEE Head Govt polytechnic, Uravakonda	8074425979	Asst	Asst
40	A. Varalakshmi	Research scholar	9959808676	Asst	Asst
41	H.M. Dev kumar	HUP		Asst	Asst
42	S. Mahaboobunnisa	Asst. Prof. IIT Ongole	9441416525	Asst	Asst
43	K. Naresh	Asst. prof. CUAP	9849397963	Asst	Asst
44	C. Krishna priya	Asst. prof. CUAP	9959846218	Asst	Asst
45	Dr. Santhosha	Asst. prof. Jnnc, Shimoga	9845032174	Asst	Asst
46	G.M. Madhavi	Asst. prof. Sree Vidyanikethan Eng. College	9177740660	Asst	Asst
47	K. Suresh Kumar	Mentor in English, Rgukt IIT-RK valley RGVICT - AP IIT	9866882238	Asst	Asst
48	P. Hajarathaiiah	Asst. prof. SVCN, Nellore	9440494848	Asst	Asst
49	Dr. K. Uma Maheswari	Asst. prof. SRIT, ATP	9515527288	Asst	Asst
50	C. Sandeep Kumar	Research Schoiar, SKIM, SKU	9441934333	Asst	Asst
51	Sanjay Kumar Chowlam	T&P Officer, Dr. KVSR College	9292159155	Asst	Asst
52	Dr. V. Ramesh Naik	Asst. prof. Dept of MBA, Gates Inst. Of Technology	7396715596	Asst	Asst
53	P. ShashaVali	Asst. prof. Dept of EEE, SKU College of Eng & Techonolgy	9985374750	Asst	Asst
54	Dr. N.V. Shama Bharathi	Lect. In English, GDC-KLD	9440840328	Asst	Asst
55	Dr. D. Venketesh	Assoc. prof in ALTS, ATP	9440190098	Asst	Asst
56	K. Usharani	Lect. , SKU	9493858854	Asst	Asst
57	Dr. D. Rose Mary	UGC, PDF	9441511071	Asst	Asst
58	Dr. K. Ravi Sankar	Lect. In English	9440200216	Asst	Asst
59	Ms. S. Shakeela	Faculty in English, CUAP	9100521387	Asst	Asst

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

Dept of Humanities and Social Sciences, JNTUA College of Engineering, Anantapur.  
TEQIP-III Sponsered OneWeek FDP on "Leadership skills"


Date:-24-08-2019

Attendance Sheet

S.No.	Name	Designation/College name	Mobile Number	Signature	
				E.N	A.N
1	Dr.K.Jayalakshmi	Associate prof.,JNTUACEA	9949756078		
2	M.Ramasekhara Reddy	Assistant Prof.,JNTUACEA	9948934660		
3	P.Sujatha	Prof.,EEE Dept,JNTUACEA	9490121399		
4	H.Lalitha	Assistant Prof.,JNTUACEA	9885336491		
5	A.Meenakshi	Assistant Prof.,JNTUACEA	9704016120		
6	G.Mamutha	Assistant Prof.,JNTUACEA	9490446399		
7	R.Bhuyana vijaya	Professor of Mathematics,JNTUACEA	9440861244		
8	Dr.R.Padma Suyama	Prof,Dept of Phy,JNTUACEA	9441079332		
9	Dr.S.Vasundra	Prof,CSE Dept	9440505837		
10	Dr.AP.Sivakumar	Assistant Prof of CSE Dept	9441395659		
11	Dr.D.Zarena	Assistant Prof of Physics	8333046487		
12	Dr.C.ShobaBindu	Prof,CSE Dept	8143289089		
13	Dr. N. Sivalinga Rao	Deputy Executive Engineer	9949219877		
14	Dr.K.Madhavi	Associate prof,CSE	9440206508		
15	Dr.E.Arunakanthi	Prof of CIVIL ENG Dept	9949632764		
16	Dr.Vaishali	Prof of CIVIL ENG Dept	9440497939		
17	Dr. B.Omprakash	Assistant Prof,ME, JNTUACEA	9966562990		
18	Dr.K.F.Bharati	Assitant Prof,CSE	9441377789		
19	Dr.K.Jitendra Goud	Assitant Prof of EEE,JNTUACEA	9849603652		

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

	S. Sridhar	Assistant Prof of EET, JNTUACEA	8008885179	Sridhar	Sridhar
20	Dr. A. Saira Kumari	Assistant Prof of Maths, JNTUACEA	8978435567	A	A
21	Dr. T. Narayana Reddy	ACE	9885856315	AP	AP
22	Dr. S. Sharada	Assistant Prof Chemical JNTUACEA	9642853207	<del>AP</del>	<del>AP</del>
23	A. Sreedhar	Librarian, JNTUACEA	9885774001		
24	B. Ajitha	Assistant Prof of CIVIL Dept, JNTUACEA	9533666877	AP	AP
25	Dr. A. Swarnopa Rani	Assoc. Prof., JNTUACEP	7731054056		
26	Dr. R. Bhavani	Prof, JNTUACEA	9490981954		
27	Dr. B. Chandra Mohan Reddy	Associate Professor, JNTUACEA	9490738404	AP	AP
28	S. Nagaveni	Dy. Register	7382606804		
29	Dr. D. Virbhushan Varadhan	Asst. Prof. of ECE	9440221372	N	N

  
 REGISTRAR  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002

## Who Should Attend

As this FDP is not subject-specific, teaching faculty from any domain, including faculty from management institutes and polytechnics, can participate. Teachers registered in a Masters or a PhD program, during their employment as a teacher, can also participate.

## Duration and Venue

This two week FDP consists of three components as follows:

**1. Online work by individual participants:** Each participant is expected to access the online platform, using a PC at home or office, on any convenient day and time during the week, with an online test every week. Each participant has to spend 6 to 8 hours of efforts per week during this component of the FDP. This is equivalent to one day of work in a regular FDP. This activity will be spread over 5 calendar weeks: From Tuesday from 30 Oct. 2018 till 13 Dec. 2018.

**2. Face-to-Face interaction:** Participants will have to physically attend these sessions at their chosen or designated Remote Centres (RCs), established across the country by IIT Bombay. Focused interactive sessions with the participating teachers, will be conducted by the faculty from IIT Bombay. The discussions and local tutorial sessions will be moderated by the Workshop Coordinators appointed at each RC. This activity will be conducted on the weekends of: 17 & 18 Nov. 2018 and 24 & 25 Nov. 2018.

**3. Team Assignment:** The participants have to form a team of 2-3 members and prepare an Open Educational Resource based on their learning in the FDPs. This would be submitted for peer review. Submission of Team Assignment is mandatory for certification.

## Course Fee

Since the course fee for both the FDPs are already paid, the registered participants need not pay any course fee to IIT Bombay and no participation fees of Rs. 1000/- to be paid to the remote centre for the FDP201x course.

Registered participants have to go to the remote centres for the synchronous interactions through A-VIEW.

For food and stay, the participant will have to bear extra charges as per the rates advertised by the center. This is optional for the participants; only if they wish to avail the facility.

The course fee and participation fee will not be refunded, in case of discontinuation from the FDP201x.

## How to Apply

The registration for FDP201x - "Pedagogy for Online and Blended Teaching-Learning Process" will be limited to the participants, who successfully enrolled for the FDP101x.

## Address for communication:

Dr. Kalpana Kannan  
Sr. Project Manager,  
Department of CSE, Kanwal Rekhi Building,  
Indian Institute of Technology Bombay,  
Mumbai - 400 076  
Tel.: +91-22-2576 4989  
Fax: +91-22-2572 0022  
Email: eoutreach@it.iitb.ac.in

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## Two-Week AICTE approved FDP

Under the aegis of Pandit Madan Mohan  
Malaviya National Mission for Teachers and  
Teaching (PMMMMTT)  
on

# "Pedagogy for Online and Blended Teaching-Learning Process"

(This MOOC based FDP will be conducted in a blended  
mode over a longer period as explained in "Duration  
and Venue")

30 Oct. to 13 Dec. 2018

Conducted by

**IIT Bombay**



## Course Coordinator

Prof. Sridhar Iyer  
Interdisciplinary Programme in Educational  
Technology  
Indian Institute of Technology Bombay  
Mumbai – 400076



## Introduction

Online educational methodology, and flipped-classrooms with associated pedagogy of active learning, have quickly emerged as the mainstay of effective education in this century. However, most of our teachers lack skills and competencies for proper and effective use of ICT in education. It is thus an urgent national requirement that all our teachers, at least those teaching in our professional colleges, are empowered to use technology effectively, to enhance the quality of education.

To meet this requirement, IIT Bombay has specially designed the FDP with a focus on technology, which is titled as "Pedagogy for Online and Blended Teaching-Learning Process - FDP201x" and it will be conducted in a Blended MOOC (Massive Open Online Course). There will be two weekend face-to-face sessions at the Remote Centres. The course will be offered from 30 Oct. 2018 till 13 Dec. 2018.

## Learning Objectives for the Course

After successful completion of the course, participants will be able to:

- i. Integrate active learning in their regular teaching-learning practice
- ii. Create an Open Educational Resource to be used in their classrooms
- iii. Justify the blending of online instruction in their regular teaching-learning practice
- iv. Participate in Collaborative Community involved in Open Education Resource creation and dissemination

## Teaching Faculty

**Dr. Jayakrishnan M**, NPTEL, IIT Madras

**Prof. Sridhar Iyer**, IDP in ET, IIT Bombay

**Prof. Sahana Murthy**, IDP in ET, IIT Bombay

**Dr. Sameer S S**, Dept of CSE, IIT Bombay

**Prof. (Retired) Deepak B. Phatak**, Dept of CSE, IIT Bombay

## Course Content

### 1. Effective Blended/Hybrid Education

- Using available online resources in regular classroom
- Pedagogy of Active Learning
  - Think-Pair-Share
  - Peer Instruction
  - Collaborative Problem Solving
- Flipped Classroom

### 2. Online Courses

- Designing and Developing a MOOC
- Conducting a MOOC
- Effective Use of Discussion Forum
- Methods of Online Assessment
- Exposure to various MOOC platforms

### 3. Adopting Online/Blended Education in Teaching-Learning Process

- Using available autonomy
  - Implementing Flipped Classrooms
  - Recognition of Grades and Credits through MOOCs
  - Factoring in marks of online assessment in regular courses
- Using "Assessment for Learning" while blending instruction
  - Rubrics: Facilitating Local Assessments, Evaluation Reports and Presentations
  - What, why and How of Peer Assessment

### 4. Building and Nurturing Collaborative Communities

- Open Educational Resources (OERs)
- Lessons from Open Source Community – Evolving Leaders and Mentors
- Creating and using an OER
  - Crowdsourcing methods
  - Quality Assurance
  - Implementing OER in your classroom
- Participation in Sectoral Communities

## Criteria for Certification

IIT Bombay will award certificates only to those participants who: successfully complete prescribed online tests with minimum 50% aggregate score, meaningfully participate in face-to-face sessions, and submitted the team assignment. **AICTE has recognized this as a Two-week FDP.**

**Note 1:** This FDP is conducted under the PMMMNMTT of IIT Bombay. Live recording of the course and other created content will be released under Open Source, through a portal. All participants are required to sign a No Objection Certificate for such release of content contributed by them during and after the FDP. All contributors will be acknowledged.

**Note 2:** Since the contents are being released under Creative Commons, participants have to ensure that they provide accurate citations. All the content generated will undergo check for plagiarism and plagiarism detected will lead to cancellation of registration and serious disciplinary actions.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Two-Week AICTE approved FDP**

**Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on**

**“Pedagogy for Online and Blended Teaching – Learning Processes”**

**(30<sup>th</sup> Oct, 2018 – 13<sup>th</sup> Dec, 2018)**

**Conducted by IITB**

This program is mainly based on Online methodology, and flipped – classrooms with associated pedagogy of active learning, have quickly emerged as the mainstay of effective education in this century. However, most of our teachers lack skills and competencies for proper and effective use of ICT in education. It is thus an urgent national requirement that all our teachers, at least apply those teaching in our professional colleges, are empowered to use technology effectively, to enhance the quality of education. To meet this requirement, IIT Bombay has specially designed the FDP with a focus on technology, which is titled as “Pedagogy for Online and Blended Teaching-Learning Processes-FDP201x” and it will be conducted in a Blended MOOC (Massive Open Online Course). There will be two weekend face-to-face sessions at the Remote Centers. The course will be offered from 30 Oct 2018 till 13<sup>th</sup> Dec, 2018.

The main learning objectives of the course are

1. Integrate active learning in their regular teaching-learning practice.
2. Create an Open Educational Resource to be used in their classrooms.
3. Justify the blending of online instruction in their regular teaching-learning practice.
4. Participate in collaborative community involved in Open Education Resource creation and dissemination.

In this course mainly it is taught

1. Effective Blended/ Hybrid Education
2. Online Courses
3. Adopting Online/ Blended Education in Teaching-Learning Process.
4. Building and Nuturing collaborative communities

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

This FDP is not subject-specific, teaching faculty from any domain, including faculty from management institutes and polytechnics, can participate. Teachers registered in a Masters or a PhD program, during their employment as a teacher, can also participate.

This two week FDP consists of three components as

1. Online work by individual participants
2. Face-to-Face interaction
3. Team Assignment

Registered participants have to go to the remote centres for the synchronous interactions through A – VIEW.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

140 participants ✓

**PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL**

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/CSE/1.3-2(iv)/6/2018-19 Date:02-08-2018.

Sub: JNTUA College of Engineering Ananthapuramu-JNTUACEA-TEQIP-III-  
Academics-Permission to conduct an expert lecture on "Driving Innovation  
through Artificial Intelligence", on 03-08-2018 -Orders-Issued.

Ref: i) Letter dt: 02-08-2018 of Prof. C. Shoba Bindu (CSE)

\*\*\*

Prof. C. Shoba Bindu (CSE), has submitted a letter requesting the Principal to permit to conduct an expert lecture on "Driving Innovation through Artificial Intelligence", for the faculty, research scholars and students of CSE on 03-08-2018 and requested to permit to meet the expenditure from TEQIP-III funds.

<b>Title of the Program</b>	:	<b>Expert lecture on "Driving Innovation through Artificial Intelligence"</b>
<b>Conducted by</b>	:	<b>CSE Department, JNTUACEA</b>
<b>Duration of the Programme:</b>	:	<b>03-08-2018</b>
<b>Coordinator</b>	:	<b>Prof. C. Shoba Bindu</b>

The requisition submitted is approved and the Principal is pleased to accord permission to Prof. C. Shoba Bindu (CSE), to conduct the said programme on the date noted. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (iv) head of account.

She is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. She also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.

Encl: i. Proforma.  
ii. Guidelines.

  
**PRINCIPAL**

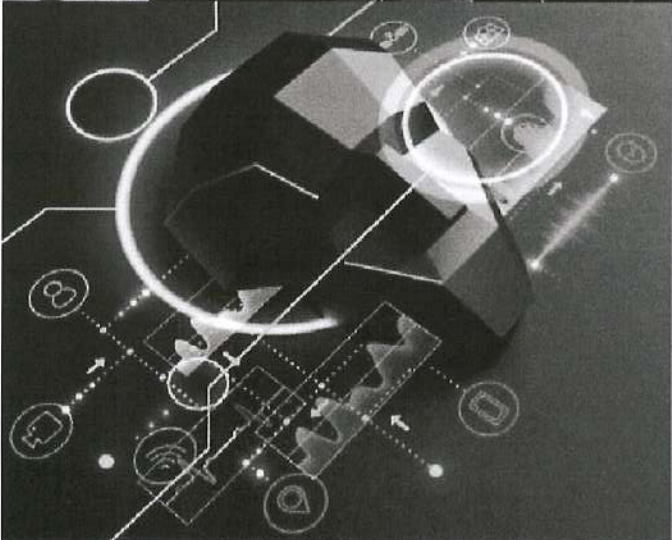
To

Prof. C. Shoba Bindu (CSE), JNTUACEA  
Copy to Head of Computer Science and Engineering  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

u  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## Expert Lecture on

"Driving Innovation through Artificial  
Intelligence"  
3<sup>rd</sup> August 2018



### CHIEF PATRON

Prof. S. Srinivas Kumar

Hon'ble Vice-Chancellor, JNTUA, Ananthapuramu

### PATRONS

Prof. M. Vijay Kumar

Registrar, JNTUA, Ananthapuramu

Prof. K. Govinda Rajulu Principal,  
JNTUACEA

### CO-PATRON

Prof. P.Sujatha

Vice-Principal, JNTUACEA

### CONVENER

Prof. A. Suresh Babu

HoD Computer Science and Engineering, JNTUACEA

### ORGANIZING COMMITTEE

#### Coordinator

Prof. C. Shoba Bindu

Department of Computer Science and  
Engineering

**MEMBERS** JNTUACEA, Ananthapuramu

Prof. A. Ananda Rao, Director R&D, JNTUA

Prof. B. Eswara Reddy, Director SDC,

JNTUA Prof. P. Chenna Reddy, Professor

of CSE Prof. S. Vasundra, NSS

Coordinator, JNTUA Dr. K. Madhavi,

Associate Professor of CSE Dr. R.

Rajasekhar, Associate Professor of CSE Dr.

K. F. Bharati, Assistant Professor of CSE

Dr. B. Lalitha, Assistant Professor of CSE

Dr. A. P. Siva Kumar, Assistant Professor of

### RESOURCE PERSONS

- Bala Prasad Peddigari

**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



## Expert Lecture on

"Driving Innovation through Artificial  
Intelligence"  
3<sup>rd</sup> August 2018

Organized  
by

Department of Computer Science and  
Engineering



JNTUA College of Engineering (Autonomous)  
Ananthapuramu

Web Site:

<http://jntuacea.ac.in/fdp2018> Online

Registration:

<https://forms.gle/AZwwiWQEaKEqvX3>

## ABOUT THE INSTITUTION

JNTUA College of Engineering, Ananthapuramu, is one of the oldest premier colleges in South India, with illustrious alumni. The college has celebrated its Diamond Jubilee in the year 2006 and has an excellent atmosphere for advancement of one's knowledge. In the year 2008 the college has become a constituent college of the newly formed JNTUA, Anantapur. About 194 private Engineering/Pharmacy/MBA colleges in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore are affiliated to JNTUA Ananthapuramu. Ananthapuramu is well connected with major cities like Mumbai, Hyderabad, Bangalore and Chennai by rail and road. It is very near to places of tourist interest like Lepakshi, Hampi, Belum caves and Puttaparthi.



## ABOUT THE DEPARTMENT

The department of Computer Science and Engineering has started offering B.Tech programme since 1989 with an intake of 15 students. The present intake for the Bachelor's course is 60. Currently, the department is offering B.Tech, M.C.A, and three M.Tech programmes. The department is also having state of the art facilities for carrying out research equipped with three laboratories, one lab is dedicated for B.Tech students, one for Master's, and one lab for the Research students. The department also possesses a library with over 1300 text books, 10 journals and around 45 e-learning resources.

## ABOUT THE PROGRAMME

Introduction: In the fast-paced world of today, innovation is the driving force behind progress and success. Embracing cutting-edge technologies is no longer a choice but a necessity for businesses looking to stay ahead of the curve. Artificial Intelligence (AI) has emerged as a transformative tool that not only streamlines operations but also sparks creativity and innovation across industries. In this brochure, we explore how AI is reshaping the innovation landscape and driving businesses to new heights.

### Section 1: The AI Revolution

#### AI: A Game-Changer

AI is more than just algorithms; it's a revolution that is transforming industries.

#### Beyond Automation

Discover how AI goes beyond automating tasks to fuel innovation.

#### The AI Ecosystem

Explore the components of the AI ecosystem and their roles in innovation.

### Section 2: Fueling Creativity

#### Creativity Unleashed

Learn how AI augments human creativity, enabling the generation of fresh ideas.

#### Personalization and Customization

See how AI tailors products and services to individual preferences, enhancing the customer experience.

#### Predictive Insights

Understand how AI-driven analytics provide insights that shape innovative strategies.

#### Challenges and Opportunities

Explore the challenges and opportunities that lie ahead in the AI-driven innovation landscape.

#### Stay Ahead of the Curve

Encourage businesses to embrace AI as a driving force for continuous innovation.

## OBJECTIVES

- The main objective of this FDP is to discuss how AI techniques can help consume data from IoT to build intelligent applications relating to industry-standard use cases and applications.

- To explore the possibilities of using ARM Processor, MCU, Embedded C Programming and QueSSence Platform to create new solutions that exploit the IoT generated data.
- To cover the fundamentals of Machine Learning, Artificial Neural Networks, CNN's, MLP's, RNN's, Reinforcement learning, etc.
- To understand the basic concepts of IoT, protocols, communication technologies and its use cases.
- To bring together academic researchers and industry practitioners who are interested in advancing the state-of-the-art not merely in their specific sub-fields of AI.
- To provide an opportunity to share new findings, exchange ideas, discuss research challenges, present demonstration of unique applications and report latest findings.

## ELIGIBILITY

This course is open to Faculty Members and Research Scholars of AICTE approved Engineering colleges and Polytechnic colleges.

## ADDRESS FOR COMMUNICATION

**Prof. C. Shoba**

**Bindu, Coordinator**

Professor, Department of CSE, JNTUA

CEA, Ananthapuramu - 515 002 (A.P)

Email: [shobabindhu.cse@jntua.ac.in](mailto:shobabindhu.cse@jntua.ac.in) Cell: +91-

8143289089

FDP E-Mail:

## REGISTRATION

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## DETAILS:

Shortlisted candidates will be informed by email

(<https://forms.gle/AZwwiWQEqvX3p9>)

**There is No Registration Fee. However, the certificates will be issued only who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP.**

**A brief report on**  
**“Driving Innovation Through Artificial Intelligence”**

**Held on 03 August, 2018**

**Organized by**

**Department of CSE, JNTUACEA**

**Sponsored by TEQIP-III**

Aiming to provide an intense knowledge to undergraduate, post graduate level for students and assistant professor (ad hoc) an expert lecture on **“Driving Innovation Through Artificial Intelligence ”** held on August 3<sup>rd</sup> 2018, at JNTUACEA Anantapur, organized by Department of Computer Science and Engineering. Nearly 120 active participants took part in the workshop from JNTUACEA. The lecture details are as follows:

The lecture was started with the inauguration by 9:00 AM proceeded till 10:00 AM speaking on the occasion, speech by Head of the department, co-ordinator and resource persons. As students who should step into the future world of innovation has to know a lot about the importance of **Driving Innovation Through Artificial Intelligence** and such lectures are going to be a great platform to inculcate knowledge among students.” Inauguration was followed by various sessions by various resource persons. Sessions were carried out as follows:

Session 1: From 10:00 a.m. to 11:30 a.m.

The first session of the lecture was handled by Mr. Bala Prasad Peddigari. He started the session so enthusiastically by explaining his journey for becoming an entrepreneur from student. Students learnt about the difficulties to be faced through hurdles he overcame during his journey for becoming an entrepreneur and he also showed some projects related to Artificial Intelligence this made students interesting to learn more about this lecture and “AI Game Changer”.

After the break at 11:45 a.m. the session was started with same energy by Mr. Bala Prasad Peddigari.

The day was followed by a 2<sup>nd</sup> session from 2:15 to 3:45 by Mr. Bala Prasad Peddigari. The session made students gain interest and knowledge about “Fueling Creativity”.

The lecture ended with the valedictory, Speech by Head of the department, co-ordinator and resource persons has attended and appreciated all the participants who had took part in the workshop for their enthusiasm and interest. Coordinator of the workshop Prof. C. Shoba Bindu, Convener of the lecture made efforts to make this workshop a grand success.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Dept of Computer Science & Engineering**  
**Expert Lecture**  
 On  
**"Driving Innovation through Artificial Intelligence"**  
 By  
 Bala Prasad Peddigari,  
 Principal Consultant & Technology Head - Digital Initiatives, TCS, Hyderabad  
 Under  
**TEQIP-III**

**Attendance**

S.No.	Name	Roll No./Designation	Signature
1	SK. Akhila Tanzoom	15001A0526	Akhila
2	Y. Jyothsna	15001A0542	Y. Jyothsna
3	M. Vani	15001A0551	Vani
4	G. Yamini	15001A0515	G. Yamini
5	C. Swarna Bhasathi	15001A0552	C. Swarna
6	P. Rachana	15001A0525	P. Rachana
7	G. Sri Vidya	15001A0520	G. Sri Vidya
8	V. Moulyo	15001A0535	V. Moulyo
9	D. Chandrika	15001A0517	D. Chandrika
10	M. Sai Prasanna	15001A0552	Sai Prasanna M
11	P. Meghana	15001A0512	P. Meghana
12	B. Preeti	15001A0507	B. Preeti
13	D. Sushma	15001A0554	Sushma
14	V.P. Ruth Pessis	15001A0538	Ruth
15	P. Vennela	15001A0536	Vennela
16	K. Urekha	15001A0534	K. Urekha
17	T. Sravani	15001A0503	Sravani P





uu

**PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL**

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/Civil/1.3-2(i)/17/2018-19 Date:14-03-2019.

Sub: JNTUA College of Engineering Ananthapuramu-JNTUACEA-TEQIP-III-  
Academics-Permission to conduct students workshop on "Bridge Design,  
Analysis and Fabrication" on 28-03-2019 - Orders-Issued.

Ref: i) Letter dt: 14-03-2019 of Prof. R. Bhavani, Department of Civil Engineering

\*\*\*

Prof. R. Bhavani, Department of Civil Engineering has submitted a letter requesting the Principal to permit to conduct students workshop students workshop on "Bridge Design, Analysis and Fabrication" on 28-03-2019 in association with UCET, Bikaner and requested to permit to meet the expenditure from TEQIP-III funds.

**Title of the Program** : "Bridge Design, Analysis and Fabrication"

**Resource Person(s)** : Experts from Industry and Reputed Institutions

**Conducted by** : Dept. of CE, JNTUACEA

**Duration of the Programme:** 28-03-2019

**Coordinator(s)** : (1) Prof. R. Bhavani, Dept. of CE  
(2) Dr. Pratibha Panwar, Asst. Professor of CE, UCET, Bikaner

The requisition submitted is approved and the Principal is pleased to accord permission to Prof. R. Bhavani, Department of Civil Engineering to conduct the above said programme on the date noted. The approximate expenditure to conduct the above said programme is Rs. 50,000/-. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (i) head of account.

He is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. He is also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.

Encl: i. Proforma.  
ii. Guidelines.

To

- (1) Dr. B. Omprakash, Assistant Professor of ME, JNTUACEA  
(2) Dr. Pratibha Panwar, Asst. Professor of CE, UCET, Bikaner  
Copy to Head, Department of Civil Engineering  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

  
**PRINCIPAL**

**PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL**

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/Civil/1.3-2(i)/17/2018-19 Date: 14-03-2019.  
Sub: JNTUA College of Engineering Ananthapuramu-JNTUACEA-TEQIP-III-  
Academics-Permission to conduct students workshop on "Bridge Design,  
Analysis and Fabrication" on 28-03-2019 - Orders-Issued.

Ref: i) Letter dt: 14-03-2019 of Prof. R. Bhavani, Department of Civil Engineering

\*\*\*

Prof. R. Bhavani, Department of Civil Engineering has submitted a letter requesting the Principal to permit to conduct students workshop on "Bridge Design, Analysis and Fabrication" on 28-03-2019 in association with UCET, Bikaner and requested to permit to meet the expenditure from TEQIP-III funds.

**Title of the Program** : "Bridge Design, Analysis and Fabrication"  
**Resource Person(s)** : Experts from Industry and Reputed Institutions  
**Conducted by** : Dept. of CE, JNTUACEA  
**Duration of the Programme:** 28-03-2019  
**Coordinator(s)** : (1) Prof. R. Bhavani, Dept. of CE  
(2) Dr. Pratibha Panwar, Asst. Professor of CE, UCET, Bikaner

The requisition submitted is approved and the Principal is pleased to accord permission to Prof. R. Bhavani, Department of Civil Engineering to conduct the above said programme on the date noted. The approximate expenditure to conduct the above said programme is Rs. 50,000/-. The expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (i) head of account.

He is requested to follow the rules and regulations in incurring the expenditure and requested to submit the vouchers in original as per the guidelines provided by NPIU. He is also requested to submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma provided.

Encl: i. Proforma.  
ii. Guidelines.

  
PRINCIPAL

To

(1) Dr. B. Omprakash, Assistant Professor of ME, JNTUACEA  
(2) Dr. Pratibha Panwar, Asst. Professor of CE, UCET, Bikaner  
Copy to Head, Department of Civil Engineering  
Copy to Prof. M.L.S. Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)  
Copy to Dr. D. Vishnu Vardhan, Coordinator - (TEQIP-III)  
Copy to Dr. A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**  
**COLLEGE OF ENGINEERING (Autonomous) :: ANANTAPUR**

**DEPARTMENT OF CIVIL ENGINEERING**

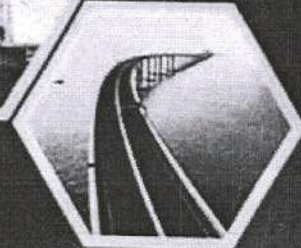
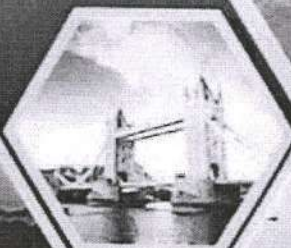
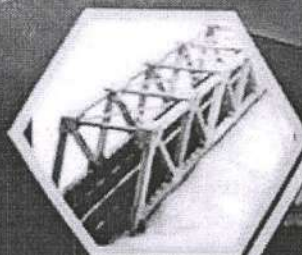
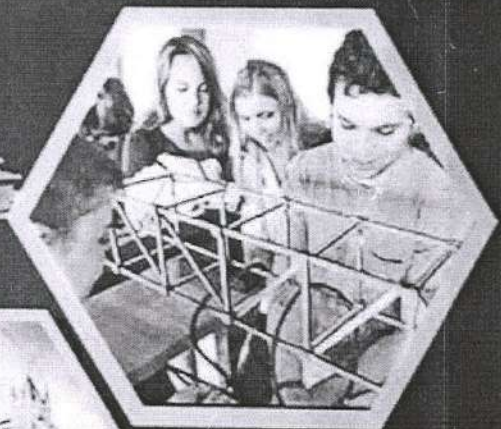
*presents*

# RACE '19

**ONE DAY WORKSHOP on**  
**BRIDGE DESIGN,**  
**ANALYSIS &**  
**FABRICATION**



Register @  
[www.race2k19.in](http://www.race2k19.in)



Registration  
 600 INR per  
 Participant

**\*\*CERTIFICATES for Participation & Merit will be issued**  
**Participants of WORKSHOP will get Placement Assistance**  
**& Free Hands-on Training**

Follow us on :

[www.race2k19.in](http://www.race2k19.in)

[facebook.com/race2k19](https://www.facebook.com/race2k19)

[instagram.com/race2k19](https://www.instagram.com/race2k19)

[youtube.com/race2k19](https://www.youtube.com/race2k19)

incorporate with :

**AMZ Automotive**  
**& FrameCAAD**

**Chairman**

Prof.E.Arunakanthi  
 Head of Civil Engg. Dept.  
 JNTUA CEA

**Co-venor :**

Prof.R.Bhavani  
 Controller of Examinations(UG)  
 JNTUA

**Contact us :**

P.Dharma Teja 8639174947  
 K. Mukunda Reddy 8555966285  
 A. Bhanu Teja 9063020013

REGISTRAR  
 JNTUA  
 ANANTAPUR



**Jawaharlal Nehru Technological University Anantapur**  
 College of Engineering(AUTONOMOUS),Ananthapuramu.

Department of Civil Engineering  
**PRESENTS**



**ONE DAY  
 WORKSHOP ON  
 BRIDGE DESIGN**

**28<sup>TH</sup> & 29<sup>TH</sup>  
 MARCH**

**MODEL** Imagine that Plan Designs Making  
 Making competition Model design Seminar  
**QUIZ** Ideas Projects Research Innovative Technical Speed  
**PAPYRUS** Creative Increase  
**RACE** Recent Advances IN 2K19 Civil Engineering  
**DEBATE** Non-technical Events Thinking  
**CLUES** Aspect Ratio  
**PHOTOGRAPHY** Focal length Shoot  
**GAMING** PUBG DINNER  
**TREASURE HUNT** Reasoning, complete the map  
**MAKING** Team work Biddles



**Student Co-ordinators**  
 P. Dharma Teja - 8639174947  
 A. Bhanu Teja - 9063020013

**Convenor**  
 Prof. R. Bhavani  
 Controller of Examinations(CUG),INTUA

**Chairman**  
 Prof. E. Arunakanthi  
 Head of CIVIL Engineering Department  
 JNTUA College of Engineering  
 Anantapur

Follow us at :  
[www.race2k19.in](http://www.race2k19.in)  
[civilrace2k19@gmail.com](mailto:civilrace2k19@gmail.com)  
[Intuarace2k19](https://www.instagram.com/Intuarace2k19)  
[/Intuarace2k19](https://www.facebook.com/Intuarace2k19)

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## A Report on Bridge Design analysis & Fabrication

The Civil Engineering Department organized Advanced in civil Engineering RACE on 28<sup>th</sup> March 2019. The main objective of the work shop is Bridge Design analysis & Fabrication is to be provided a common platform to the budding civil Engineering student share their knowledge on recent advances in civil Engineering. The department of Civil Engineering conducted a work shop on Bridge Design analysis & Fabrication program on 28<sup>th</sup> March 2019 along with Race2019.

The program include Bridge design approaches in civil engineering mainly focus on  
1. the program is designed to take the participants through the technical concept involved in civil engineering.

2. this work shop is a unique opportunity to avail hands on experience of civil engineering projects.

Student learn about different bridges & how to they work

Introduction to Bridge design throughout iterative lecturer sessions with good multimedia

Interactive particle session on CAD based Bridge design ,fabrication and testing.

6. Bridge model is self fabricated and tested model by each team .

Exposure to current industrial method used in bridge design discuss about implementing knowledge gain to develop good B.Tech and M.Tech.

Exposure fabrication & technology involved bridge engineering.

Modeling & Analysis of sample bridge using industry grade soft ware.

Case studies for better understanding bridge concepts

The program include power point presentation poster presentation technical Quiz, model making Debate and Photography.

The coordinator for Bridge Design analysis & Fabrication was professor R.Bhavani.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



Bridge Design analysis & Fabrication



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## A Report on RACE 2019

S.No	NAMES	SIGNATURE
1	E.SRINIVASULU	E. Srinivasulu
2	M.LOKESH	M. Lokesh
3	K.SRINATH	K. Srinath
4	D.SWARNALATHA	D. Swarnalatha
5	M.SIREESH	M. Sireesha
6	S.ESHWAR	S. Eshwar
7	CH.POORNA	Ch. Poorna
8	H.KAVITHA	H. Kavitha
9	K.LAKSHMI	K. Lakshmi
10	P.RISHITHA	P. Rishitha
11	B.KAVERI	B. Kaveri
12	G.RAGUVARAN	G. Raguvaran
13	C.GEETHA	C. Geetha
14	A.PAVAN	A. Pavan
15	B.ASHOK	B. Ashok
16	T.ANGEL	T. Angel
17	K.RAMBABU	K. Rambabu
18	M.HEMANTH	M. Hemanth
19	M.RAJESWARI	M. Rajeswari
20	E.JEEVANA	E. Jeevana
21	M.RISHI	M. Rishi
22	D.SHIVA	D. Shiva
23	M.HARI	M. Hari
24	P.PRASAD	P. Prasad
25	T.VINOD	T. Vinod
26	M.NANDHINI	M. Nandhini
27	K.ASHOK	K. Ashok
28	CH.LAKSHMI LASYA	Ch. Lakshmi Lasya
29	K.BALA SAI TEJA	K. Balasai Teja
30	M.NAMRATHA	M. Namratha
31	D.SUNEEL	D. Sunil
32	H.LOKSHITHA	H. Lokshitha
33	G.MEGHANA	G. Meghana
34	T.SRINIDHI	T. Srinidhi
35	J.KALYAN	J. Kalyan
36	SK.FAYAZ	S.K. Fayaz
37	A.SUNEEL KUMAR	A. Sunil Kumar
38	T.JOSEPH	T. Joseph
39	P.PRAKASH	P. Prakash
40	T.PRIYA	T. Priya
41	K.NAGAMANI	K. Nagamani
42	E.ASRITHA	E. Asritha
43	D.SIRI	D. Siri
44	B.ANITHA KUMARI	B. Anitha Kumari
45	D.DAYAKAR	D. Dayakar

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



- 46 H.GOVARDHAN  
47 B.KIRAN KUMAR  
48 V.PRAKASH  
49 SK.FARIDHA  
50 B.SAI KISHAN  
51 CH.PAVAN KUMAR  
52 D.DINESH  
53 K.CHINMAI  
54 D.JEEVAN  
55 N.AKIFA  
56 CH.NALINI  
57 V.VINAY BABU  
58 A.SATHVIK  
59 B.GURU PRASAD  
60 K.MAHESH

~~H. Govardhan~~  
B. Kiran  
v. Prakash  
S.K. Faridha  
B. Sai Kishan  
Ch. Pavan Kumar  
D. Dinesh  
K. Chinmai  
D. Jeevan  
N. Akifa  
Ch. Nalini  
V. Vinay Babu  
A. Sathvik  
B. Guruswamy Prasad  
K. Mahesh

H  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

---

TEQIP – III  
Sponsored

One Day Awareness Program

On

“Basic Engineering and Life  
Skills”

on

08<sup>th</sup> August, 2018

*Organized by*



DEPARTMENT OF ECE  
JNTUA COLLEGE OF  
ENGINEERING (Autonomous)  
ANANTAPUR – A.P.

**COORDINATOR**

**Prof. V. Sumalatha**  
Department of ECE  
JNTUA CEA Anantapur

**CHIEF PATRON**

**Prof. S. SRINIVAS KUMAR**

Vice-Chancellor  
Jawaharlal Nehru Technological  
University Anantapur  
Ananthapuramu- A.P.

**PATRON**

**Prof. K. RAMA NAIDU**

Principal, JNTUACEA  
Ananthapuram – A.P.

---

**CHAIRMAN**

**Dr. P. RAMANA REDDY**

Professor & Head,  
Department of EEE  
JNTUA CEA

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**ADVISORY COMMITTEE**

All Faculty Members of the Department

**REGISTRATION FEE**

No Registration Fee

**TARGETED AUDIENCE**

Faculty of all disciplines

**REGISTRATION**

Offline Registration on the day of arrival

**FOR ANY QUERY FEEL FREE TO  
CONTACT**

Mobile No.:

80088 02559, 73827 20312

**CRITERIA FOR AWARD OF E-  
CERTIFICATE OF PARTICIPATION**

Attending all sessions

## ABOUT JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTHAPURAMU:

JNTUA College of Engineering (Autonomous), Ananthapuramu, an esteemed Engineering College in Andhra Pradesh was established in 1946 and has been growing continuously in size with respect to intake, faculty, strength, number of academic programs offered and infrastructure. It is always committed to offer value added instruction to widen the horizon of vision for the enrichment of technical education along with skill development.

### ABOUT ECE DEPARTMENT:

The department of Electronics and Communication Engineering is established in the year 1974. The department has come a long way since its inception, keeping pace with the changing needs and expectations of the society. The department takes pride in its highly placed alumni all over the globe. Though it is younger in comparison to the other conventional branches of the college, the department has always been on a high growth path. At present, the department is running a full time UG program in Electronics and Communication Engineering, three full time PG programmes namely Digital Electronics & Communication Systems (DECS), VLSI System Design (VLSI SD) and Internet of Things (IoT).

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

To keep pace with the current technological trends, the department offers a well designed, constantly reviewed syllabus to its students. The department conducts workshops, symposia, student and faculty development programs regularly to give the much needed exposure to the students and staff on latest developments in the area of electronics and communication. In addition to the regular class room teaching learning process, the department also promotes self-learning through student organization, Electronics & Communication Heuristic Organization (ECHO). We ensure that the qualities inculcated will make the students not only as good engineers but also as good human beings.

### Department Vision:

To produce globally competitive and socially sensitized engineering graduates and to bring out quality research in the frontier areas of Electronics & Communication Engineering.

### Department Mission:

1. To provide quality and contemporary education in the domain of Electronics & Communication Engineering through periodically updated curriculum, best of breed laboratory facilities, collaborative ventures with the industries and effective teaching learning process.
2. To provide essential knowledge research and innovative technologies in Electronics & Communication

Engineering and to inculcate innovative skills, research aptitude, team-work, ethical practices in students so as to meet expectations of the industry as well as society.

### ABOUT THE FDP:

Participants will be able to:

- Develop effective verbal and non-verbal communication skills and Communicate effectively in personal as well as professional settings.
- Analyse the professional or personal situations critically and perform accordingly.
- Understand the importance of morals and ethics of the engineering profession and apply the same.
- Acquaint themselves with leadership skills and the approaches of leadership.
- Appreciate the significance of life skills in professional spaces through this course on Life Skills for Engineers.



JNTU COLLEGE OF ENGINEERING  
(AUTONOMOUS), ANANTHAPURAMU –  
A.P

**J N T UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING (Autonomous)**  
**ANANTHAPURAMU**

**One day Workshop on Basic Engineering & Life Skills on 08-08-2018**

by

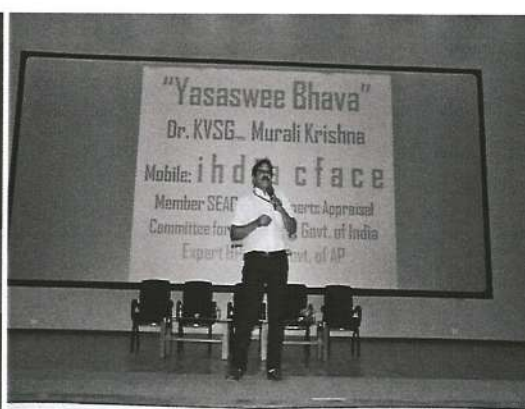
**Prof K.V.S.G. Murali Krishna**

(Sponsored by TEQIP –III)

**REPORT**

A one day workshop on Basic Engineering & Life Skills is organized by the JNTUA College of Engineering, Ananthapuramu on 08<sup>th</sup> August, 2018. Around 700 students of first and second year of the college have participated in the program.

Hon'ble Vice Chancellor of the University, Prof. S. Srinivas Kumar graced the occasion. He said hardwork and discipline is important for students to achieve high goals. Principal of the College, Prof K. Rama Naidu and the Coordinator of the program Prof. V. Sumalatha welcomed the participants and the resource person Dr. KVSG. Murali Krishna, Professor in Civil Engineering & Principal of University College of Engineering, Narasaroapet, JNTUKakinada.

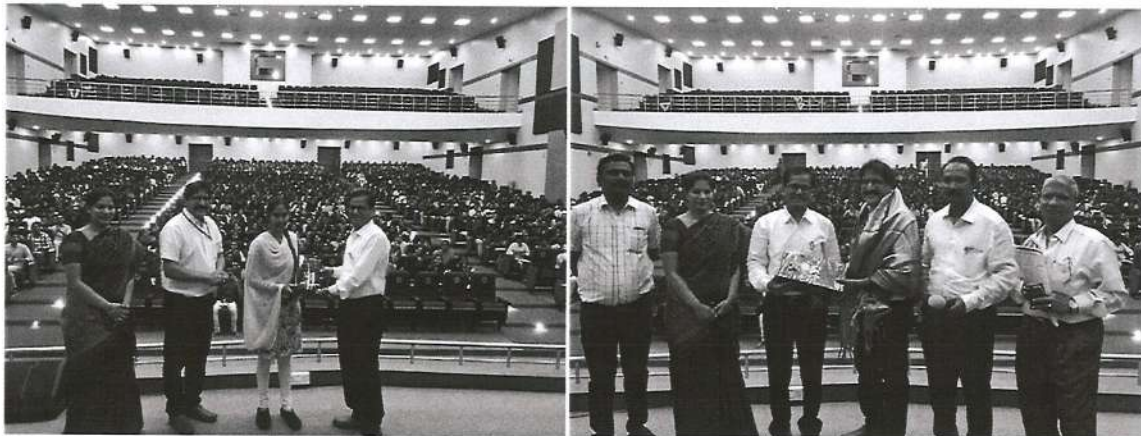


A marathon thought-provoking session by Dr.KVSG. Murali Krishna was very fascinating and his articulate in English, Hindi and Telugu. He described himself as an ardent lover of nature. Prof. Murali is the recipient of various awards and he travelled around the world giving inspiring talks. He urged the students to develop the three skills such as Observe, Absorb and Apply to the life and achieve comprehensive success. During his mesmerizing speech, he inspired the students with stories of great achievers. Prof. Murali Krishna elucidated the significance of knowledge, need of guru, learning is fun, how to improve one's net-worth with the help of network, self-belief, body-language and communication. He also quoted plethora of moral and inspirational phrases and poems from Ramayana, Mahabharata and other religious books. He stressed the importance of understanding meaning of the words like, intelligence, knowledge, engineering etc., that are used very commonly in daily lives.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



He said “Mathematics makes a man subtle, language venerable” and highlighted the importance of mathematics in engineering. practice is intelligence not learning studies without games music & enjoyment is worthless, every student must develop such hobbies to cherish in life. In his opinion love, work and talk are three weapons to succeed in life. Every student must make their parents happy by achieving heights in their profession. Mother is the most important human being in life so make her proud by good deeds. Good friends make the life more fruitful, secure and happy as informed by the proficient speaker Sri Murali Krishna. Prof. Murali envisaged that students are the backbone of India and can do anything if they excel at studies. He has given lively examples and quoted real life situations and enthralled the audience with good words. He moved on from mimicry to poems to songs to examples to anecdotes and simile drawn from scriptures of all religions, in order to inject the concepts and points into the hearts and brains of the participants. He gave books as appreciation to those students who could break & spell the meaning of Sanskrit poems. He emphasized that, it is very important to a student to be self motivated all the time to achieve success.

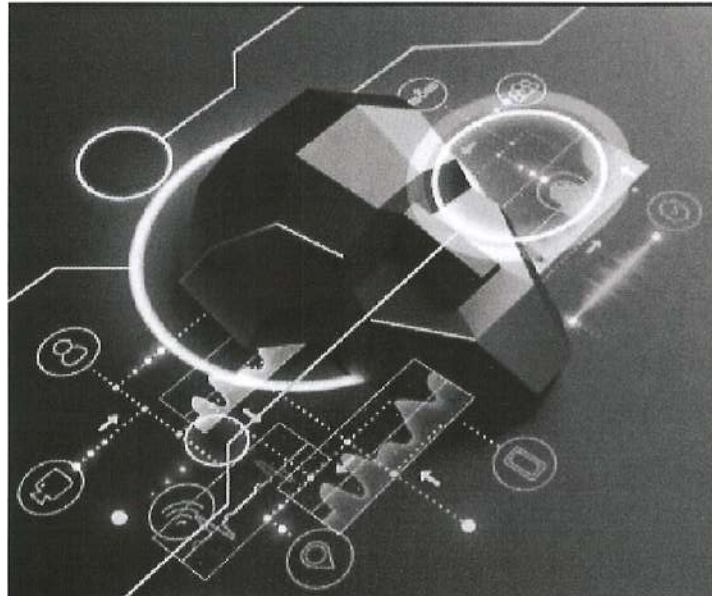
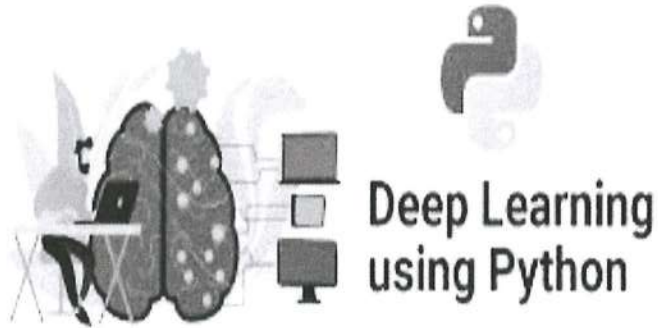


The programme ended with positive feedback from the participants followed by vote of thanks by the Coordinator, Prof. V. Sumalatha.

*H. S.*  
**REGISTRAR**  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-519002

TEQIP-III  
Sponsored  
A Two-Day Workshop On

Deep Learning Using Python  
23<sup>rd</sup> – 24<sup>th</sup> March, 2019



CHIEF PATRON  
Prof. S. Srinivas Kumar  
Hon'ble Vice-Chancellor, JNTUA, Ananthapuramu

PATRONS  
Prof. M. Vijay Kumar  
Registrar, JNTUA, Ananthapuramu  
Prof. K. Govinda Rajulu  
Principal, JNTUACEA

CO-PATRON  
Prof. P.Sujatha  
Vice-Principal, JNTUACEA  
CONVENER  
Prof. A. Suresh Babu  
HoD Computer Science and Engineering, JNTUACEA

#### ORGANIZING COMMITTEE

Coordinator  
Prof. C. Shoba Bindu  
Department of Computer Science and Engineering  
JNTUACEA, Ananthapuramu

#### MEMBERS

Dr. Atul Negi  
Mr. Srinidhi  
Dr. Tilottama Goswami

#### RESOURCE PERSONS

Experienced faculty from renowned universities/premier institutes, industry experts and host Institution.

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



TEQIP-III  
Sponsored  
A Two-Day Workshop On

Deep Learning Using Python  
23<sup>rd</sup> – 24<sup>th</sup> March, 2019

Organized by

Department of Computer Science and  
Engineering



JNTUA College of Engineering (Autonomous)  
Ananthapuramu

Web Site: <http://jntuacea.ac.in/fdp2020>

Online Registration:

<https://forms.gle/AZwwiWQeAKEqvX3p9>

## ABOUT THE INSTITUTION

JNTUA College of Engineering, Ananthapuramu, is one of the oldest premier colleges in South India, with illustrious alumni. The college has celebrated its Diamond Jubilee in the year 2006 and has an excellent atmosphere for advancement of one's knowledge. In the year 2008 the college has become a constituent college of the newly formed JNTUA, Anantapur. About 194 private Engineering/Pharmacy/MBA colleges in the districts of Ananthapuramu, Kadapa, Kurnool, Chittoor and Nellore are affiliated to JNTUA Ananthapuramu. Ananthapuramu is well connected with major cities like Mumbai, Hyderabad, Bangalore and Chennai by rail and road. It is very near to places of tourist interest like Lepakshi, Hampi, Belum caves and Puttaparthi.



## ABOUT THE DEPARTMENT

The department of Computer Science and Engineering has started offering B.Tech programme since 1989 with an intake of 15 students. The present intake for the Bachelor's course is 60. Currently, the department is offering B.Tech, M.C.A, and three M.Tech programmes. The department is also having state of the art facilities for carrying out research equipped with three laboratories, one lab is dedicated for B.Tech students, one for Master's, and one lab for the Research students. The department also possesses a library with over 1300 text books, 10 journals and around 45 e-learning resources.

## ABOUT THE PROGRAMME

Deep learning is a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain. Deep learning models can recognize complex patterns in pictures, text, sounds, and other data to produce accurate insights and predictions.

Python is a high-level, general-purpose programming language. Its design philosophy emphasizes code readability with the use of significant indentation. Deep learning is the most interesting and powerful machine learning technique right now.

Tensor Flow 2 is one of the top deep learning libraries in the Python ecosystem. With Keras, you can easily tap into the power of deep learning in just a few lines of code. These are the best-of-breed applied deep learning library.

The topics to be covered in this workshop are as follows:

- Introduction to Machine Learning – Basics  
Neural Network Architectures
- Motivation for Deep Learning – Techniques & Applications  
Introduction to IoT, Sensors
- Deep Learning based Recommender System  
Information Centric Networks for IoT
- Various platforms for Deep Learning  
Recommender System
- Introduction to Tools and Datasets for AI, ML & DL
- Tools and Techniques - Basic Python  
Programming (Hands on -1)
- Machine Learning using Python ( Hands on -2)
- Deep Learning using Python ( Hands on -3)

## OBJECTIVES

- The main objective of this workshop is to discuss how AI techniques can help consume data from IoT to build intelligent applications relating to industry standard use cases and applications.

**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

- To explore the possibilities of using ARM Processor, MCU, Embedded C Programming and QueSSence Platform to create new solutions that exploit the IoT generated data.
- To cover the fundamentals of Machine Learning, Artificial Neural Networks, CNN's, MLP's, RNN's, Reinforcement learning, etc.
- To understand the basic concepts of IoT, protocols, communication technologies and its use cases.
- To bring together academic researchers and industry practitioners who are interested in advancing the state-of-the-art not merely in their specific sub-fields of AI.
- To provide an opportunity to share new findings, exchange ideas, discuss research challenges, present demonstration of unique applications and report latest findings.

## ELIGIBILITY

This course is open to Faculty Members and Research Scholars of AICTE approved Engineering colleges and Polytechnic colleges.

## ADDRESS FOR COMMUNICATION

**Prof. C. Shoba Bindu,**  
**Coordinator**

Professor, Department of CSE, JNTUA CEA,  
Ananthapuramu - 515 002 (A.P)

Email: [shobabindhu.cse@jntua.ac.in](mailto:shobabindhu.cse@jntua.ac.in) Cell: +91-8143289089

## REGISTRATION DETAILS

Eligible participants are requested to fill the online registration form on or before 22/03/2019 (<https://forms.gle/AZwwiWQEaKEqvX3p9>)

**There is No Registration Fee. However, the certificates will be issued only who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP.**



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**COLLEGE OF ENGINEERING:: ANANTHAPURAMU (Autonomous)**

**TEQIP III**

1. **Name of the Staff:** Dr. C. Shoba Bindu, Dr. B. Lalitha, Ms. Neeraj Choudhary
2. **Designation:** Professor, Asst Professor, Asst Professor CSE UCET Bikaner.
3. **Department:** Computer Science and Engineering.
4. **Contact No:** +91 8143289089.
5. **Name of the Conference/Workshop/Laboratory:** A Two-Day Workshop On Deep Learning Using Python.
6. **Venue:** JNTUA College of Engineering, Ananthapuramu.

**Date:** 23-March-2019 to 24-March-2019.

**Organized by:** Department of Computer Science and Engineering, JNTUA CEA in association with IEEE Ananthapuramu Subsection & IEEE CIS/GRSS Joint Chapter, Hyderabad.

7. **Title of the talk/Poster/Paper:** Deep Learning Using Python

---

**REPORT**

**Brief Description of Event / Visit:**

Python is a multi-purpose programming language which is simple to use which can be used for web development, machine learning, browser automation etc. It is introduced in many colleges to make the students industry ready. In this context, this workshop was planned to train the students from various Engineering Colleges by inviting experts in this field to impart knowledge from them.

Machine Learning is continually transforming the day to day lives of people and has become so pervasive today. It is an application of Artificial Intelligence. The continuous research and developments in the field of machine learning has given us self-driving cars, practical speech recognition, effective web search, weather prediction and many others. Python is the new Fortran in the scientific world and this language is great to use when working with machine learning algorithms and has easy syntax relatively.

This workshop begins with a primary introduction to basic machine learning methods. Supervised and unsupervised learning methods will be discussed in detail with its applications. New trends like Deep Learning, evolutionary optimization and soft computing also will be explored. One day complete hands-on sessions are planned on introduction to Python programming, machine learning library scikit-learn and demonstration of deep learning concepts. The workshop will conclude with a discussion on a number of open problems, which the participants will be encouraged to take up as their future research endeavor.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



### Program Schedule:

9:00 to 10:00	10:00 to 11:15	11:15 to 11:30	11:30 to 1:00	1:00 to 2:00	2:00 to 3:30	3:30 to 3:45	3:45 to 5:15
<b>DAY 1 (23<sup>rd</sup> March 2019)</b>							
Registration & Inauguration	Session -1	TEA	Session -2	Lunch	Session-3	TEA	Session-4
	<b>Dr. Atul Negi</b> Introduction to Machine Learning – Basics		<b>Dr Atul Negi</b> Motivation for Deep Learning – Techniques & Applications		<b>Mr. Srinidhi</b> Deep Learning based Recommender System		<b>Mr. Srinidhi</b> Various platforms for Deep Learning Recommender System
<b>DAY 2 (24<sup>th</sup> March 2019)</b>							
Session -5	Session -6	TEA	Session -7	Lunch	Session -8	TEA	Valedictory
<b>Dr. Tilottama Goswami</b> Introduction to Tools and Datasets for AI, ML & DL	<b>Dr. Tilottama Goswami</b> Tools and Techniques - Basic Python Programming(Hands on -1)		<b>Dr. Tilottama Goswami</b> Machine Learning using Python (Hands on -2)		<b>Dr. Tilottama Goswami</b> Deep Learning using Python (Hands on -3)		

#### **DAY 1-SESSION 1&2:**

Resource person Dr, Atule Negi, Professor, Department of CSE, University of Hyderabad, delivered lecture on introduction to machine learning (ML) basics and applications of machine learning. In his lecture, he discussed the importance of machine learning and its evolution. He differentiated the between traditional programming and machine learning programming. He discussed applications of ML like Human expertise does not exist (navigating on Mars), Humans can't explain their expertise (speech recognition) Models must be customized (personalized medicine), Models are based on huge amounts of data (genomics). He also discussed on pattern recognition by ML.

#### **DAY 1-SESSION 3&4:**

Resource person Mr. Srinidhi, IEEE member, MSRIT, Bangalore, delivered his talk on deep learning, importance of deep learning, applications of deep learning. He also discussed on deep learning based recommender system and various platforms for deep learning based recommender systems.

#### **DAY 2-SESSION 5, 6, 7&8:**

Dr. Tilottama Goswami, Professor, BVRIT, Hyderabad conducted theoretical sessions on Introduction to Tools and Datasets for AI, ML & DL. She conducted practical sessions and explained various Tools and Techniques used for machine learning and Basic Python Programming. She also covered various practical sessions on deep learning.



**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

## Photographs:

### About the College and Department:

JNTUA College of Engineering, Ananthapuramu stands aloft on a solid foundation of past glory and prestige. This college was started in the year 1946, under the post war reconstruction program and functioned at Guindy campus, Madras for two years and was shifted to Anantapur in 1948. It was in the year 1958 that the college was shifted to the present permanent buildings accommodating the Administrative block, Laboratories, the Engineering Departments, Library and the Hostel blocks.

The Department of Computer Science Engineering has started offering B.Tech programme since 1989 with an intake of 15 students. The present intake for the Bachelor's course is 60 and is accredited by NBA. For the last two decades the department has an enormous growth in student strength, infrastructure facilities number of courses being offered. Currently, The department is offering B.Tech, M.C.A, and three M.Tech programmes. M.C.A was started in the year 1996 with an intake of 30 and now it has been increased to 60. M.Tech in Computer Science was started in 2000, M.Tech in Software Engineering in 2001 and M.Tech in Artificial Intelligence in 2011.

UNIVERSITY COLLEGE OF ENGINEERING  
AND TECHNOLOGY, BIKANER

Judging by the date of establishing year, CET is relatively a new arrival in the arena of technical institutions. It was established in 2007, as an autonomous body of Govt. of Rajasthan, amidst the brown blooms of desert island, Bikaner. It has made its mark by inspiring quality education. Total intake of College is 420 students in branches (CSE, ECE, EE, ME, CE, CRE) of Engineering and 60 students in MBA per year.

### Objectives of the Workshop:

Machine Learning is continually transforming the day to day lives of people and has become so pervasive today. It is an application of Artificial Intelligence. The continuous research and developments in the field of machine learning has given us self-driving cars, practical speech recognition, effective web search, weather prediction and many others. Python is the new Fortran in the scientific world and this language is great to use when working with machine learning algorithms and has easy syntax relatively.

This workshop begins with a primary introduction to basic machine learning methods. Supervised and unsupervised learning methods will be discussed in detail with its applications. New trends like Deep Learning, evolutionary optimization and soft computing also will be explored.

One day complete hands-on sessions are planned on introduction to Python programming, machine learning library scikit-learn and demonstration of deep learning concepts. The workshop will conclude with a discussion on a number of open problems, which the participants will be encouraged to take up as their future research endeavor.

### Benefits:

1. One can acquire the knowledge of "DEEP LEARNING WITH PYTHON" and its applications both theoretically and practically.

2. Those who register for workshop will get participation certificates from IEEE Organisation

### Prerequisites:

No prerequisites are required, but however basic programming knowledge is beneficial.

TEQIP-III SPONSORED

A Two-Days Workshop  
on  
Deep Learning using Python



J.N.T.U.A COLLEGE OF ENGINEERING  
(AUTONOMOUS)  
ANANTHAPURAMU-515002 (A.P), INDIA

### ORGANISED BY

DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING  
J.N.T.U.A COLLEGE OF ENGINEERING

### In Association with

IEEE ANANTHAPURAMU SUBSECTION  
&  
IEEE CIS/GRSS JOINT CHAPTER HYDERABAD

On 23<sup>rd</sup> & 24<sup>th</sup> March  
2019.



REGISTRAR  
J.N.T.U. Anantapur  
ANANTHAPURAMU-515002

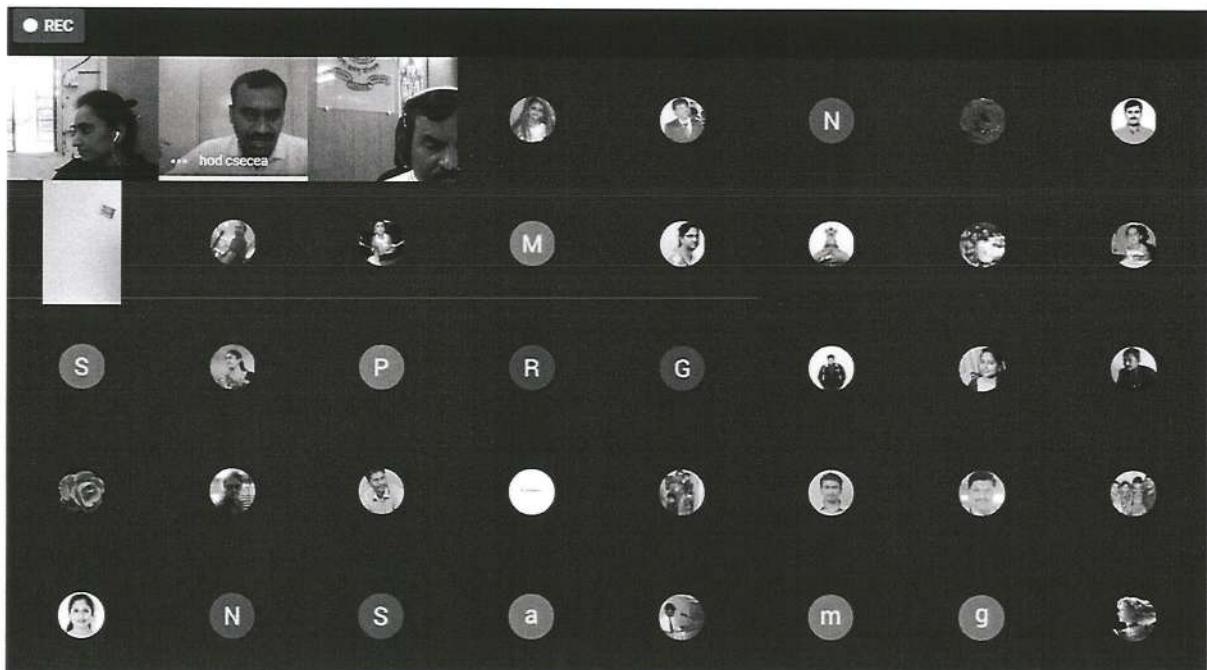


*H V*

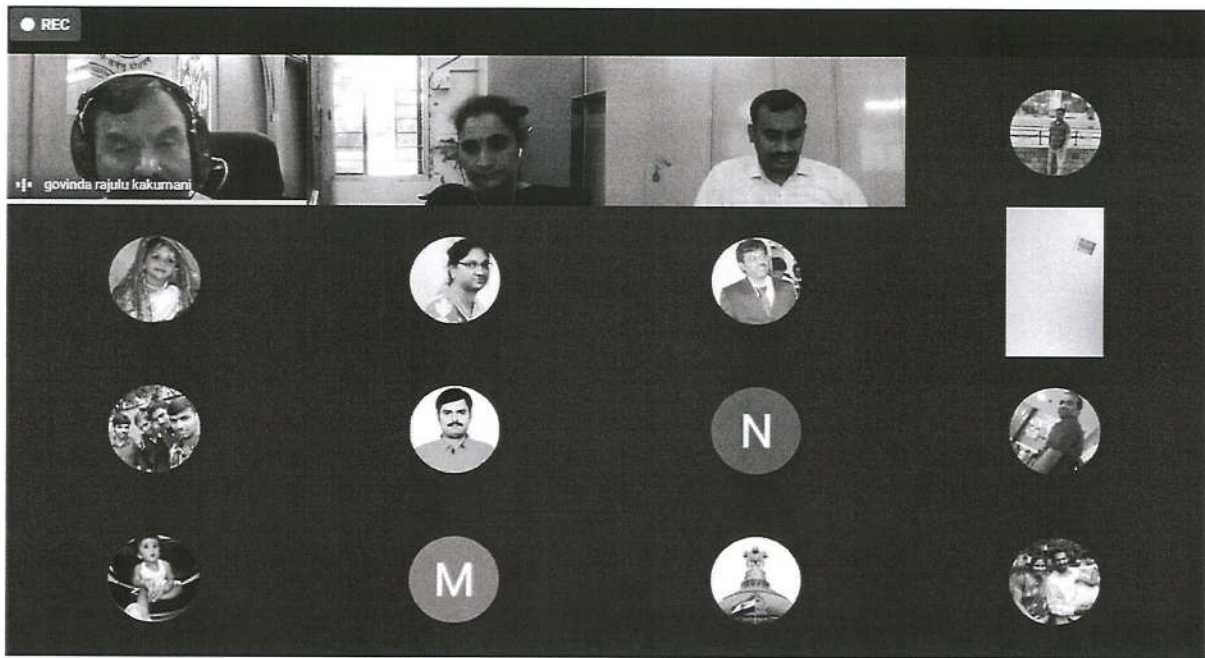
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

# Report on Deep Learning using Python

## Inaugural Session:



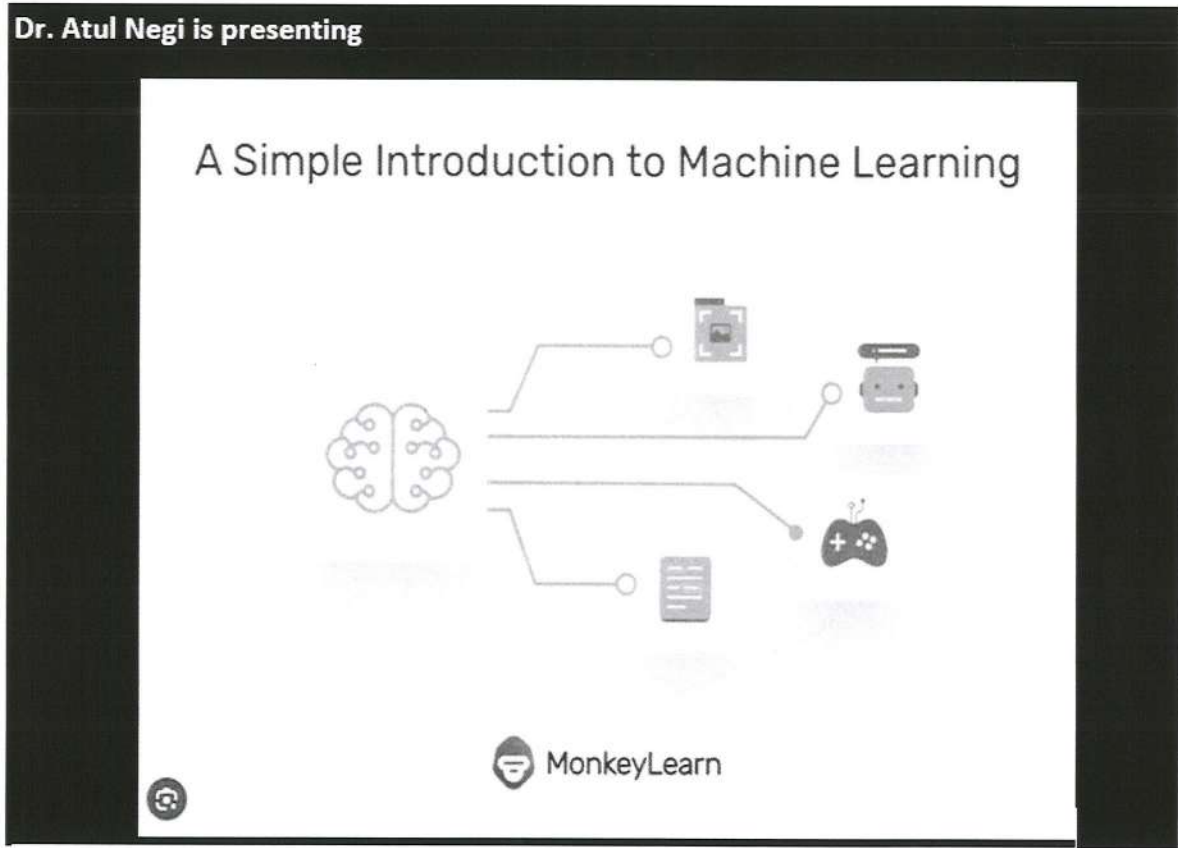
  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



**23-03-2019: Session-1& 2: Dr. Atul Negi**

Dr. Atul Negi sir discussed about the concept of Introduction to Machine Learning – Basics and Motivation for Deep Learning – Techniques & Applications from 10:00 to 11:15 & 11:30 to 1:00

**Dr. Atul Negi is presenting**



  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

### The Advent of the 4th Industrial Revolution (IR) Age



The 4<sup>th</sup> Industrial Revolution leading the Intelligent Information Society and the Digital Transformation.

5G wireless network: 280 times faster than LTE and 70 times faster than 4G.



- C
- C. Shoba Bindu
- Anitha Raju
- Sanjeev Polepaka
- Badrinath Narayanamurthy
- viswanatha reddy pappi r...

### History of AI

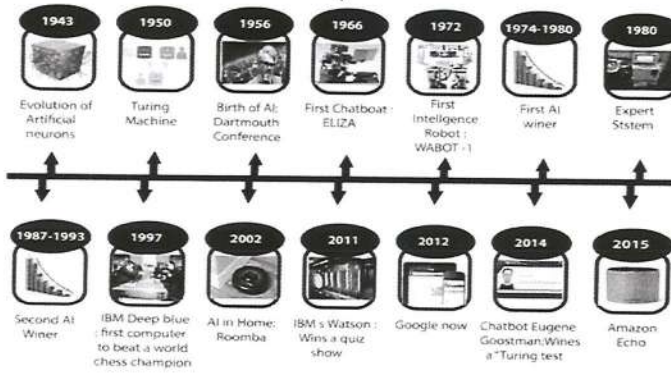
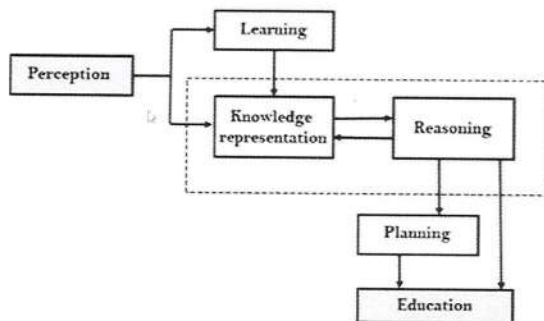


Image source: <https://www.infragistics.com>

- C
- C. Shoba Bindu
- Anitha Raju
- Sanjeev Polepaka
- Badrinath Narayanamurthy
- viswanatha reddy pappi r...

### Artificial intelligence system components for displaying intelligent behavior



- C
- C. Shoba Bindu
- Anitha Raju
- Sanjeev Polepaka
- Kotari Suresh
- viswanatha reddy pappi r...

*H. S.*  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

REC C C. Shoba Bindu is presenting

**Subsets of AI**

**Artificial Intelligence**

- Deep Learning
- Natural Language Processing
- Machine Learning
  - Supervised Learning
  - Unsupervised Learning
  - Reinforcement Learning
  - Semi-supervised Learning
- Neural Networks
- Computer Vision

C. Shoba Bindu  
Anitha Raju  
Sanjeev Polepaka  
khasim shaik  
viswanatha reddy pappi r...

REC keshava mathis is presenting

**HYPOTHESIS:**  
The assumption made about any unknown characteristics is called hypothesis. It may or may not be true.

**EXAMPLES**

- $\mu = 2.3$ ;  $\mu$  be the population mean
- $\sigma = 2.1$ ;  $\sigma$  be the population standard deviation

Population follows Normal Distribution. There are two types of hypothesis, namely null hypothesis and alternative hypothesis.

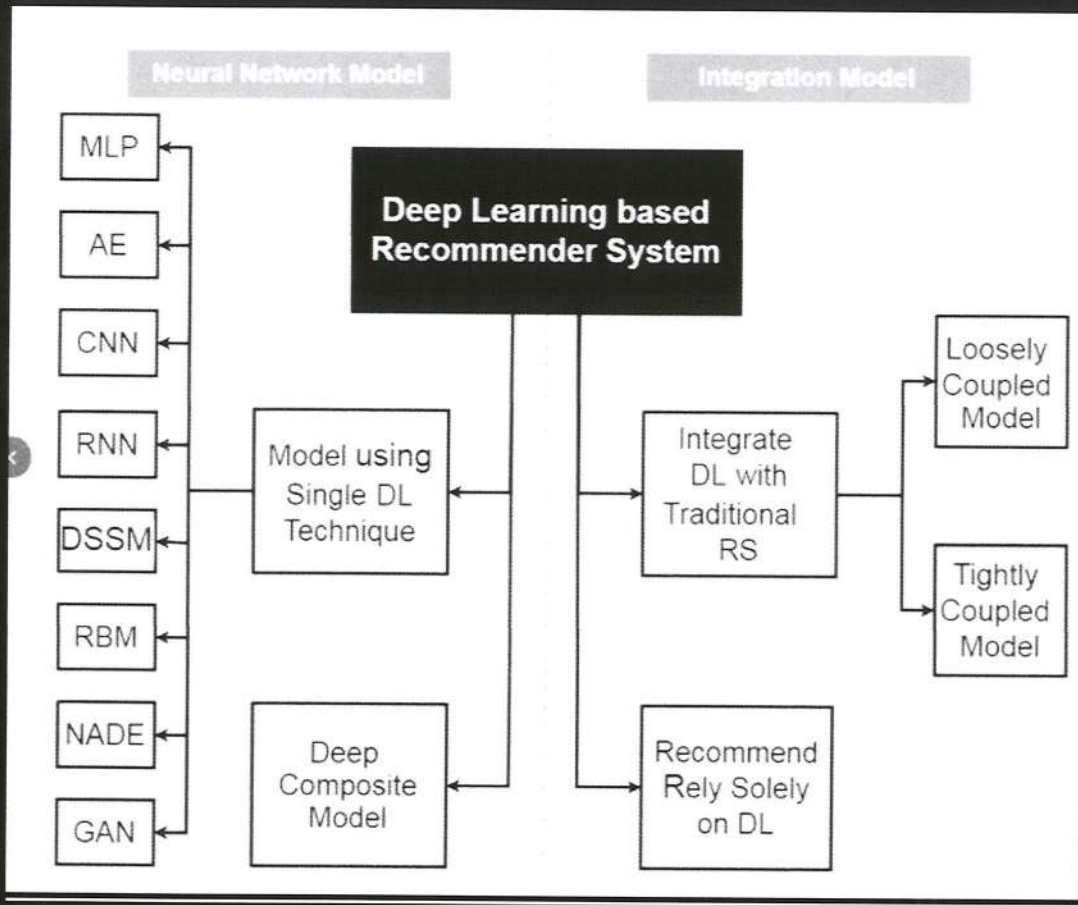
Stop sharing

keshava mathis  
Anitha Raju  
Sanjeev Polepaka  
Dr. Prabhakar Kandukuri

**23-03-2019: Session-3 & 4: Mr. Srinidhi**

Mr. Srinidhi sir discussed about the concept of Deep Learning based Recommender System and Various platforms for Deep Learning Recommender System from 2:00 to 3:30 and 3:45 to 5:15

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPUR JRAMU-515002**



REC keshava maths is presenting

**SIMPLE HYPOTHESIS:**  
A hypothesis is said to be simple if it completely specifies the distribution of the population. For instance, in case of normal population with mean  $\mu$  and standard deviation  $\sigma$ , a simple null hypothesis is of the form  $H_0 : \mu = \mu_0$ ,  $\sigma$  is known, knowledge about  $\sigma$  would be enough to understand the entire distribution. For such a test, the probability of committing the type-1 error is expressed as exactly  $\alpha$ .

**COMPOSITE HYPOTHESIS:**  
If the hypothesis does not specify the distribution of the population completely, it is said to be a composite hypothesis. Following are some examples:

- $H_0 : \mu \leq \mu_0$  and  $\sigma$  is known
- $H_0 : \mu \geq \mu_0$  and  $\sigma$  is known

All these are composite because none of them specifies the distribution completely. Hence, for such a test the LOS is specified not as  $\alpha$  but as at most  $\alpha$ .

8 / 40 Dr.E. Keshava Reddy Inferential Statistics for AI and IoT

Participants: keshava maths, Anitha Raju, Sanjeev Polepaka, Muni Babu

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



REC keshava maths is presenting

## STANDARD NORMAL DEVIATE TESTS (OR) LARGE SAMPLE TESTS

If the sample size  $n > 30$  then it is considered as large sample and if the sample size  $n < 30$  then it is considered as small sample.

SND Test or One Sample (Z-test)

Case-I: Population standard deviation ( $\sigma$ ) is known

**ASSUMPTIONS:**

- Population is normally distributed
- The sample is drawn at random

**CONDITIONS:**

- Population standard deviation  $\sigma$  is known
- Size of the sample

12 / 40 Dr. E. Keshava Reddy Inferential Statistics for AI and IoT

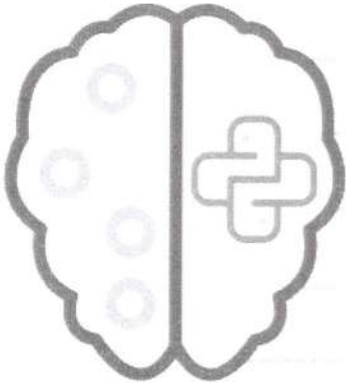
Participants: keshava maths, Anitha Raju, Kotari Suresh, Sanjeev Polepaka, bharathi kf

### 24-03-2019: Dr. Tilottama Goswami

Dr. Tilottama Goswami sir discussed about the concept of Tools and Techniques - Basic Python Programming(H ands on -1) ,Machine Learning using Python ( Hands on -2)and Deep Learning using Python ( Hands on -3) from 09:00 AM – 03:30 PM

Dr. Tilottama Goswami is presenting

## Python Libraries for Machine Learning

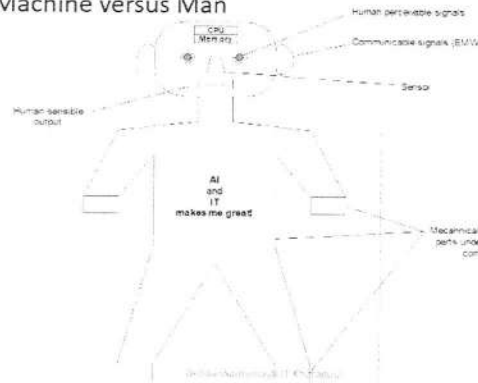


- NumPy
- Pandas
- Scikit-learn
- Keras
- TensorFlow
- Matplotlib
- Seaborn
- OpenCV
- spaCy
- SciPy

  
 REGISTRAR  
 J.N.T.U. Anantapur  
 ANANTAPURAMU-515002

# Mark Minosi's Dream

- Computer: Machine versus Man



Debasis Samanta

Anitha Raju

V

V SIREESHA

Sanjeev Polepaka

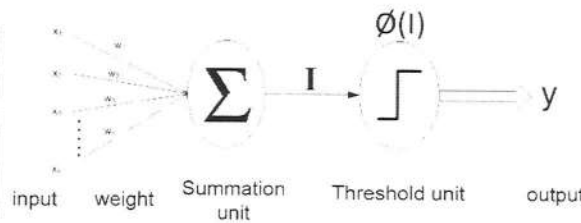
Dr. Prabhakar Kandukuri

# Artificial neural network

Hence, the total input say I received by the soma of the artificial neuron is

$$I = W_1X_1 + W_2X_2 + \dots + W_nX_n = \sum_{i=1}^n W_iX_i$$

To generate the final output  $y$ , the sum is passed to a filter  $\phi$  called transfer function, which releases the output. That is  $y = \phi(I)$



Debasis Samanta

Anitha Raju

V

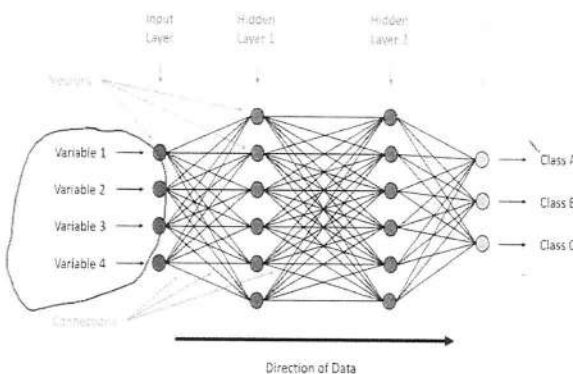
V SIREESHA

viswanatha reddy pappi r...

Sanjeev Polepaka

# Neural Network Computing

- Input layer (source nodes) takes input / variable.
- There can be one or more hidden layer and one output layer.
- For multi class classification problem, output layer has multiple units and for binary class classification problem has a single binary output unit.
- By adding more hidden layers, network is enabled to extract higher order statistics from it's input.
- Another names of neural network are Multi layer Perceptron or Artificial Neural Network or Multilayer feedforward Network.
- If every node in layer l is connected to every node of layer l+1, then such network is called fully connected network otherwise partially connected network.



Debasis Samanta

Badrinath Narayanamurthy

Anitha Raju

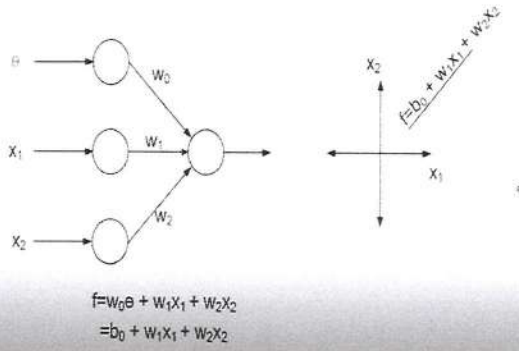
V

V SIREESHA

Sanjeev Polepaka

# Why different type of neural network architectures?

To give the answer to this question, let us first consider the case of a single neural network with two inputs as shown below.



4. Dr. Debasis Samanta

17/11/2020

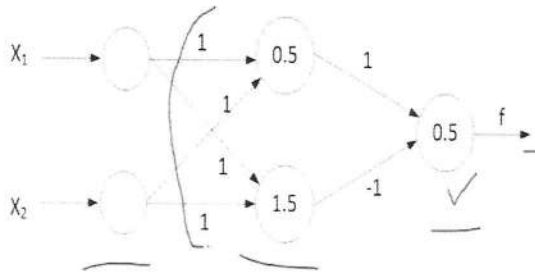
DebasisSamanta@BIT Kharagpur

50



Debasis Samanta

## Example: Solving XOR problem



Neural network for XOR-problem

4. Dr. Debasis Samanta

17/11/2020

DebasisSamanta@BIT Kharagpur

56



Debasis Samanta

*Shoba Bindu*

**Dr. C. Shoba Bindu**  
Coordinator – FDP,  
Director SDC & IC, JNTUA.

*Debasis Samanta*

**Principal**  
JNTUA College of Engineering

*H. H.*

**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING  
ANANTHAPURAMU (AUTONOMOUS):: JNTUACEA ANANTHAPURAMU  
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/1.3-2 (iv)/8/2018-19

Date: 06-09-2018.

Sub: JNTUA College of Engineering Ananthapuramu- JNTUACEA - TEQIP-III- Academics-  
Permission to conduct Two day Faculty Development Programme on "Big Data Applications  
in Power Systems" on 14<sup>th</sup> & 15<sup>th</sup> September 2018 – Orders – Issued.

Ref: Lr. Dt: 06-07-2018 of Dr.V. Sankar (Prof. of EEE) and Dr.K.Jithendra Gowd  
(Asst. Professor of EEE)

\*\*\*

Dr.V. Sankar (Prof. of EEE) and Dr.K.Jithendra Gowd (Asst. Professor of EEE), JNTUACEA  
have submitted a letter requesting the Principal to permit to conduct Two day Faculty Development  
Programme on "Big Data Applications in Power Systems" on 14<sup>th</sup> & 15<sup>th</sup> September 2018. The  
estimated expenditure for the same will be about Rs. 1, 25,000/- and requested to permit to meet the  
expenditure from TEQIP-III funds.

<b>Title of the Program</b>	:	<b>Two day Faculty Development Programme on "Big Data Applications in Power Systems"</b>
<b>Conducted by</b>	:	<b>Department of Electrical &amp; Electronics Engineering , JNTUACEA</b>
<b>Duration of FDP</b>	:	<b>28-09-2018 to 29-09-2018</b>
<b>Resource Persons</b>	:	<b>Experts from Industry and reputed Institutions</b>
<b>Convener</b>	:	<b>Prof. V. Sankar</b>
<b>Coordinator</b>	:	<b>Dr. K. Jithendra Gowd</b>

The requisition submitted is approved and the Principal is pleased to accord permission to  
Dr.V. Sankar (Prof. of EEE) and Dr.K.Jithendra Gowd (Asst. Professor of EEE), JNTUACEA to  
conduct the above said programme on the date(s) noted. The expenditure will be met from TEQIP-III  
funds under Academics SC 1.3-2 (iv) head of account. The approximate expenditure for conduction of  
programme is Rs. 1,25,000/-.

It is requested to follow the rules and regulations in incurring the expenditure and requested  
to submit the vouchers in original as per the guidelines provided by NPIU. And also requested to  
submit Photographs, list of participants, feedback reports etc., as per TEQIP-III norms in proforma  
provided.

Encl: i. Proforma.  
ii. Guidelines.

  
PRINCIPAL

To

- (1) Dr.V.Sankar, Professor of Electrical & Electronics Engineering, JNTUACEA
  - (2) Dr.K.Jithendra Gowd, Asst. Professor of EEE, JNTUACEA
- Copy to Head, Electrical & Electronics Engineering, JNTUACEA  
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)  
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)  
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)  
Copy to Bills.  
Spare

  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**About the Host Institution and Department:**

JNTUA College Of Engineering is a prestigious Engineering college in AP, established in 1946 and has been growing from time to time with respect to intake, Faculty strength, number of Academic programs offered and Infrastructure. The college functioned from College of Engineering, Guindy, Madras during 1946-48. It was shifted to Anantapur in the year 1948. With the formation of first technological university in our country in 1972 with head quarters in Hyderabad, this college has become one of the constituent colleges of JNTU. Further, from August, 2008, it is the constituent college of Jawaharlal Nehru Technological University, Anantapur by Act. No. 30 of Govt. of A.P. dt. 24.09.2008. Over the years, the college has started UG and PG Courses in Civil, Electrical, Mechanical, Electronics and Communication, Computer Science and Chemical Engineering branches. All the laboratories have been modernized with the financial assistance received from various agencies. This institution is selected as a Network Institution by NPIU for the World Bank aided TEQIP- III from 2017-20. The Department of Electrical Engineering has been functioning since the inception of the college. The department is offering UG and four PG courses and is having well equipped Laboratories and highly qualified faculty.

**Objective of the Workshop:**

The prime objective of this workshop is to educate and acquaint the participants with recent developments in monitoring systems and sensor networks dramatically increase the variety, volume and velocity of measurement data in electricity transmission and distribution level. The programme focuses on rapidly modernizing monitoring systems, measurement data availability, big data handling and machine learning approaches to process high dimensional, heterogeneous and spatiotemporal data.

**Sub Topics:**

- Power Systems Challenges & Big Data Overview
- Improving efficiency and meeting the scale
- Forecast (Demand Supply) Topology Analysis
- Power Reliability Engineering
- Fraud Detection utilities & Loss Prevention

**Venue:**

Prof. Tiruvengalam Memorial Seminar Hall  
Department of Electrical Engineering  
JNTUA College of Engineering  
(Autonomous) Ananthapuramu,  
A.P. - 515 002

TEQIP-III Sponsored  
Two day FDP on

**“ BIG DATA APPLICATIONS  
IN POWER SYSTEMS ”**

(September 28-29, 2018)



**Convener**

**Dr. V. Sankar**  
Professor, Dept. of EEE

**Coordinator**

**Dr. K. Jithendra Gowd**  
Asst. Professor, Dept. of EEE

**Organized by**

Dept. of Electrical Engineering  
JNTUA College of Engineering  
(Autonomous)  
Ananthapuramu-515002 (A.P), INDIA  
[www.jntuace.ac.in](http://www.jntuace.ac.in)

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

**Resource Persons:**

Distinguished and Learned persons from reputed institutes of repute and experts from related industries will be the resource persons for the course

**Target Participants:**

The proposed course is designed and intended for engineers, faculty members of engineering colleges, and research scholars working in the electrical Engineering domain.

**General Information:**

No Registration Fees for the programme. Participants will not be paid any TA/DA. Accommodation and travelling expenses are to be borne by participants or their respective institutes. However, accommodation can be arranged in hostel/guest house on nominal payment basis subject to the availability. The organizers will provide the meals and refreshment during the course; The registration form complete in all respects should reach on or before September 3, 2018.

**Important Dates**

Last date of registration: September 20, 2018  
Intimation of acceptance: September 22, 2018

**Contact Details**

Dr. K. Jithendra Gowd  
Asst. Professor, Dept. of EEE  
Dept. of EEE, JNTUACEA  
Mobile: 098496 03672  
**E-mail : [indra.jithu@gmail.com](mailto:indra.jithu@gmail.com)**

Chief Patron  
**Prof. S. Srinivas Kumar**  
Vice-Chancellor  
JNTUA College of Engineering  
Ananthapuramu

Patron  
**Prof. K. Rama Naidu**  
Principal,  
JNTUA College of Engineering  
Ananthapuramu

Co-Patron  
**Dr. M.L.S.Deva Kumar**  
Professor & Vice Principal  
Chairman

**Dr. R. Kiranmayi**  
Professor & Head, Dept. of EEE  
Convener

**Dr. V. Sankar**  
Professor, Dept. of EEE  
Coordinator

**Dr. K. Jithendra Gowd**  
Asst. Professor, Dept. of EEE  
Advisory Committee

Prof. K. Pahlada Rao, Rector, JNTUA.  
Prof. S. Krishnaiah, Registrar, JNTUA.  
Prof. M. Vijaya Kumar, Prof. in EEE & DAP,  
JNTUA

Prof. P. Sujatha, Professor, Dept of EEE,  
JNTUA

Dr. D. Vishnuvardhan , TEQIP- III Coordinator  
Dr. A. P. Siva Kumar, Nodal Officer,  
Procurement, TEQIP-III  
Organizing Committee

Sri. M. Ramasekhara Reddy, Asst. Professor  
Sri. J. Sreenivasulu, Asst. Professor  
Sri. S. Sridhar, Asst. Professor  
Sri. M. Anka Rao, Asst. Professor

TEQIP-III Sponsored  
Two day FDP on

**“ BIG DATA APPLICATIONS  
IN POWER SYSTEMS ”**

(September 28-29, 2018)



**REGISTRATION FORM**

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Official Address: \_\_\_\_\_  
  
Phone: \_\_\_\_\_  
Mobile: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Experience: \_\_\_\_\_ Teaching: \_\_\_\_\_  
Industry: \_\_\_\_\_  
  
Date: \_\_\_\_\_ Signature of Applicant \_\_\_\_\_

**SPONSOR CERTIFICATE**

This is to certify that Mr./ Mrs./ Dr./.....  
..... is  
working in our organization from .....  
He/She is sponsored for the above workshop.

  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**

JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS):: ANATHAPURAMU

DEPARTMENT OF ELECTRICAL ENGINEERING

Two day Faculty Development Programme on "Big Data Applications in Power systems"

**Tentative Schedule**

<b>Day-I (14-09-2018)</b>	
9.00 AM-10.00 AM	<b>Registration</b>
10.00 AM-11.00 AM	Inaugural function
11.00 AM- 11.15 AM	Tea Break
11.15 AM-12.45 PM	<b>Topic: "Power systems Challenges &amp; Big Data Overview". Dr. G. Anil Kumar Reddy, CEO, Ashira Labs, Hyderabad</b>
12.45 PM -02.00 PM	Lunch Break
02.00 PM-03.30 PM	<b>Topic: Improving Efficiency and meeting the Scale Forecast (Demand Supply)</b>
03.30 PM-03.45 PM	Tea Break
03.45 PM-05.15 PM	<b>Topic: Topology analysis</b>
<b>Day-II (15-09-2018)</b>	
09.30 AM-11-00 AM	<b>Topic: Big Data-Applications in Power Systems Sri. A. K. V. Bhaskar, SE, APSPDCL, AP</b>
11-00 AM-11.15 AM	Tea Break
11.15 AM-12.45 PM	<b>Topic: Fraud Detection Utilities &amp; Loss Prevention</b>
12.45 PM -02.00 PM	Lunch Break
02.00 PM-04.00 PM	<b>Big Data Analysis Applications Software Lab Dr. G. Anil Kumar Reddy, CEO, Ashira Labs, Hyderabad</b>
04.00 PM-04.15 PM	Tea Break
04.15 PM-05.15 PM	Feedback Session & Valedictory Function

  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002

**Report on Two day Workshop on  
“Big Data Applications in power Systems”  
During 28<sup>th</sup> - 29<sup>th</sup> Sept., 2018**

**Inaugural Session:** 10.00 a.m to 11.00 a.m

Prof. V. Sankar, convener of the event welcomed the gathering and mentioned about the objectives of the workshop. Prof. R. Kiranmayi Head of the Department of Electrical Engineering explained about the credentials of the Department and stated that the Department is offering four specializations Viz., Electrical Power Systems, Power and Industrial Drives, Control Systems and Reliability Engineering (which is an interdisciplinary area). Prof. M. L. Deva Kumar, presided over the function, Vice Principal, JNTUACEA, STB 12431. Dr. P. V. Rajgopal, Chair, IEEE PES/PELS/IAS Joint Chapter has given key note address on the theme of the workshop. Prof. K. Prahlada rao, Rector JNTUA, Chief Guest of the function has stated that it is a noval topic and in the curriculum Big Data Applications to Electrical Engineering is to be introduced at PG/Research levels.

**Session II:** 11:15 a.m to 12.45 p.m.

Sri. A. Sitaram, Senior Architects, TCS, Chennai, has delivered lecture on fundamentals of Big Data Analytics. He also discussed about Big Data concepts used in various examples like Business Analytics, Fraud detection, demand forecasting, internet of things, preventive maintenance, air quality index. He also explained about classification and clustering, clusters the data points.

**Session - III:** 3.30 p.m to 5.00 p.m

Sri. Sumit Gupta CEO, Pragya Solar, New Delhi has discussed about Power System Challenges and Big Data Overview.

**29.09.2018**

**Session - I:** 09.30 a.m to 11.00 a.m.

Sri Sumit Gupta has discussed about forecast topology analysis in power systems.

**Session - II:** 11.15 a.m to 12.45 p.m

Dr. G. Anil Kumar Reddy, Advisor Ashira Labs, Hyderabad, discussed about the R Programming and its applications in Power Systems and he also emphasized the laboratory

  
**REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002**



requirement for its implementation. Later demonstrated installation of R Programming software and uploaded in 15 systems in the computer simulation lab of the Department.

2:00 p.m to 3.30 p.m

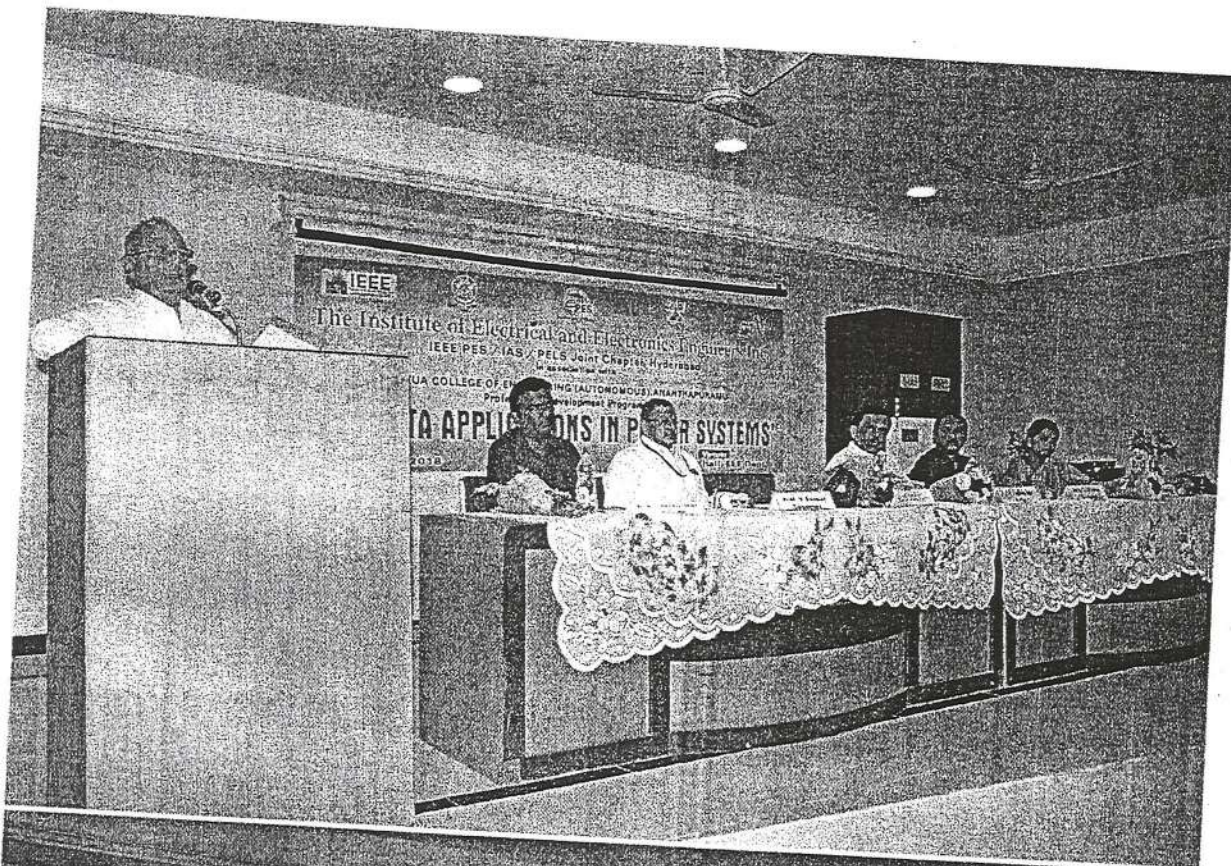
After installation presented a case study and explained how to use R Programming in the lab for all the participants.

3:45 p.m to 5:15 p.m

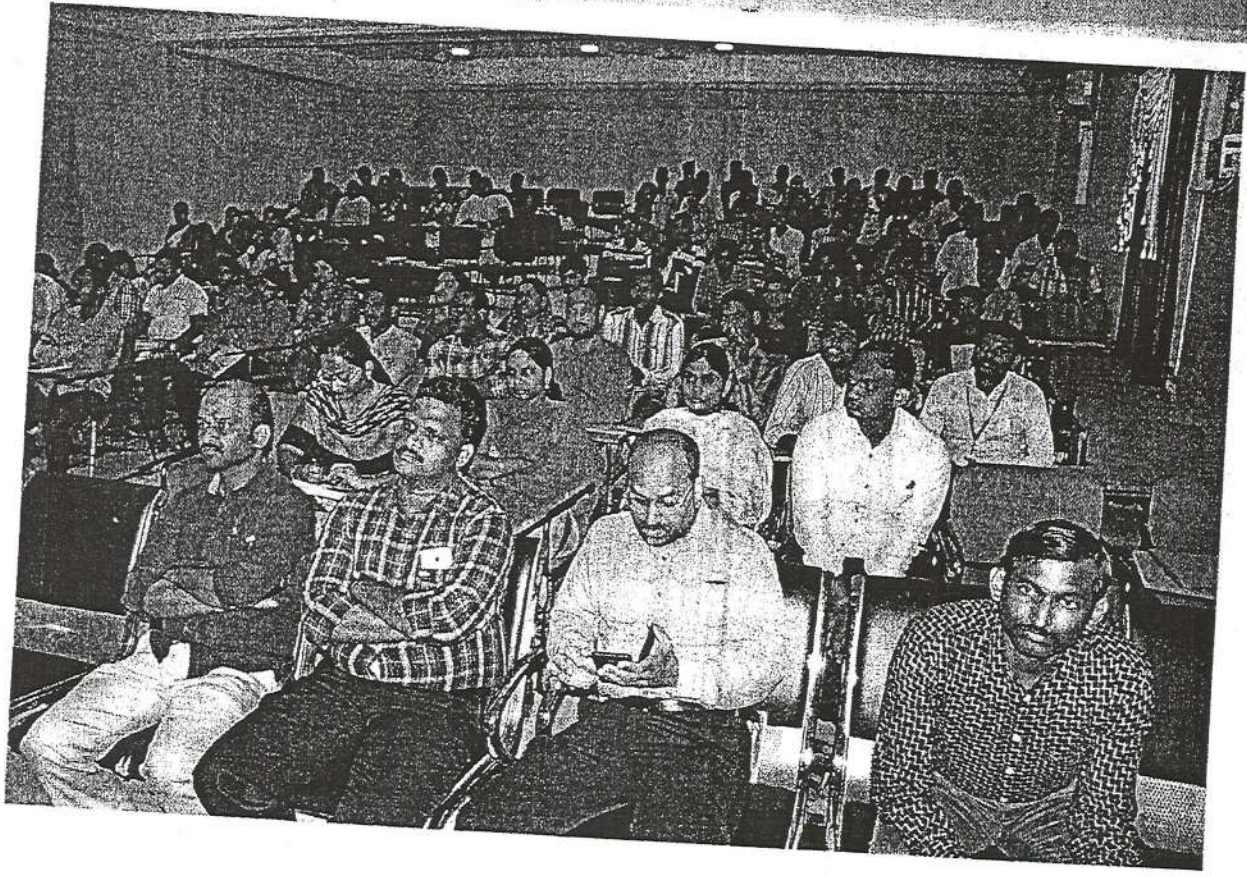
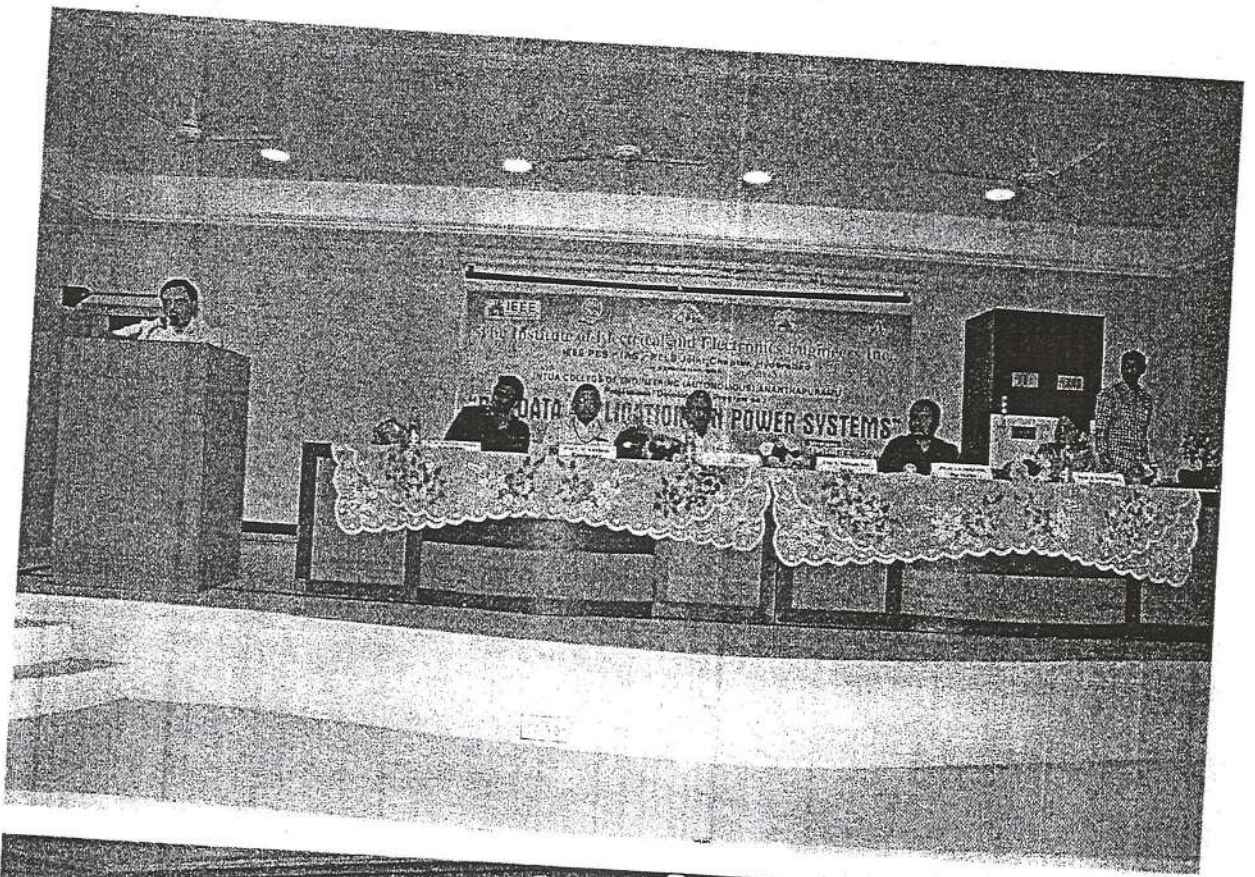
Prof. S. Krishnaiah, Registrar, JNTUA has appreciated the Department for conducting an advanced technology application for compiling huge data in various sub systems like generation, transmission, and distribution. After feedback session the chief guest for Valedictory function has given the certification of participation.



  
**REGISTRAR**  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002



*H S*  
**REGISTRAR**  
**J.N.T.U. Anantapur**  
**ANANTAPURAMU-515002**



4 11  
REGISTRAR  
J.N.T.U. Anantapur  
ANANTAPURAMU-515002