 **G Pulla Reddy Engineering College (Autonomous)**
Kurnool, Andhra Pradesh, India - 518007.
Affiliated to JNTUA Ananthapuramu. Accredited by NBA of AICTE and NAAC(A+) of UGC

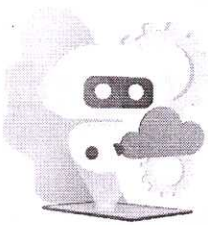


Department of Electronics & Communication Engineering
is organizing


All India Council for Technical Education(AICTE) sponsored
One Week Online Short Term Training Program
(Ref. No. 34-66/304/FDC/STTP/Policy-1/2019-20)

on

"Practical Exposure on Machine Learning
and Data Science (Phase-III)"



 13th September 2021 to 18th September 2021

 9963326283, 9949210019

Experts from IIT's, IIIT's, NIT's, reputed Universities and Industries will
conduct the theory and practical sessions in the programme

REGISTER HERE
bit.ly/ML_DS_PHASE3

No Registration Fee, Limited participants
selected on FCFS basis

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Dr. B. Sreenivasa Reddy, Principal

PATRONS

Dr. S. Nagaraja Rao, Professor & Head of ECE

Dr. K. Suresh Reddy, Professor & Dean of ECE

COORDINATOR

Dr. P. Abdul Khayum, Professor, Dept. of ECE

CO-COORDINATOR

Dr. S.M. Shamsheer Daula, Associate Professor, Dept of ECE

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PRINCIPAL

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

ABOUT COLLEGE



G Pulla Reddy Engineering College is the brainchild of Late Sri G.Pulla Reddy, the renowned philanthropist and a great humanist. Established in 1984-85, it is one of the earliest private engineering colleges in A.P State. GPREC has been functioning as an autonomous institution since 2006. The college is being managed by G PullaReddy Charites trust, Hyderabad. The trust was instituted by Late Sri. G Pulla Reddy Garu in 1975 with the motto of rendering service to the society.

ABOUT DEPARTMENT



The ECE department was established in the academic year 1984-85 with an intake of 40 and currently with 180 regular and 36 lateral entry students. The department is offering a post graduate programme with the specialization of VLSI & Embedded systems with an intake of 18 students. The department is a recognized research center under JNTUA offering Ph. D program The department has highly qualified faculty having specialized in diversified areas of technology like Communications, Signal Processing, Microelectronics, Microprocessors, Instrumentation and control and Digital Electronics. The department is well equipped and has excellent laboratory facilities.

ABOUT STTP

The STTP aims to achieve the objective of promoting industry-institute interaction. For a meaningful and effective interaction, it proposes to bring together the industry/field experts and academicians, to discuss technological developments and advances. This STTP deals with the latest practices in the field of Machine Learning and Data Science which provides a platform for showcasing their implementation and impact on industry and society in general. The STTP gives scope for arriving at solutions to several practical oriented problems.

Objectives:


The objectives of this STTP include

- 1.Introduction to basic concepts, principles and importance of Machine Learning &Data Science.
- 2.Understanding supervised, unsupervised learning techniques and their practical implementation
- 3.Discussion on concepts of Soft Computing tools for ML and the associated advantages to solve real world problems.
- 4.Appreciating the integration of ML and DS in different fields.
- 5.Imparting practical knowledge to participants through hands-on sessions.

Outcomes:

After attending the STTP the participants are expected to

- 1.Understanding the perspective of presentation of data, information and knowledge.
- 2.Analyzing the various real world problems/scenarios and offering solutions.
- 3.Achieving capability of applying Machine Learning and Data Science algorithms in practice.
- 4.Developing their own algorithms.


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G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AICTE Sponsored Online One Week Short Term Training Program under AQIS

On

PRACTICAL EXPOSURE ON MACHINE LEARNING AND DATA SCIENCE-PHASE-III

(13th September 2021 to 18th September 2021)

Day wise Schedule

Day	Time	Name of the Resource Person	Topic	
Day1 13.09.2021 (Monday)	10.00 AM to 10.30 AM		Inauguration	
	10.30 AM to 12.00 Noon	Dr. Surya Prakash Assistant Professor Department of ECE IIIT Alahabad	Deep Neural Network CNN and RNN	
	12.00 AM to 1.30 PM	Dr. Hemprasad Yashwant Patil Department of Embedded Technology, VIT Vellore	Demonstration on Deep neural networks, CNN and RNN	
	3.00 PM to 4.30 PM			
Day2 14.09.2021 (Tuesday)	9.30 AM to 11.00 AM	Dr. Amith Deogar Assistant Professor NITTTR, Chandigarh	Python Essentials and Deep Learning Libraries Open Datasets for Deep Learning Implementation and Demonstration of Deep Learning Applications	
	11.15 AM to 12.45 PM			
	2.00 PM to 3.30 PM			
Day3 15.09.2021 (Wednesday)	9.30 AM to 11.00 AM	Dr. Shiraz Khurana Associate Professor Department of CSE Panipat Institute of Engineering & Technology, Haryana	Web Scraping	
	11.15 AM to 12.45 PM			
	2.00 PM to 3.30 PM	Abhay Kumar Software Developer at Amazon Bangalore	Deep learning models for NLP	
Day4 16.09.2021 (Thursday)	9.30 AM to 11.00 AM	Anup Jayanth Khelkhar Data Analyst, Entrepreneur & Technical Speaker Python Academy, Nagpur,	NLP with chatbot	
	11.15 AM to 12.45 PM		Abhay Kumar Software Developer at Amazon Bangalore	Deep learning models for NLP
	2.00 PM to 3.30 PM			
Day5 17.09.2021 (Friday)	9.30 AM to 11.00 AM	Dr. Subhajt Sidhanta Assistant Professor Department of Electrical Engineering and Computer Science, IIT, Bhilai	Research in AI-based Distributed Analytics	
	11.15 AM to 12.45 PM	Dr. Josephine R L Assistant Professor Department of EEE NIT, Tiruchirapalli	National Educational Policy-2020	
	2.00 PM to 3.30 PM			
Day6 18.09.2021 (Saturday)	9.30 AM to 11.00 AM	Gagan Deep Founder & Director Rozy Computech Services Azad Nagar Kurukshetra	Introduction to Big data in Data Science using PySpark in Python Data Scalability in Data Science using Dask in Python &	
	11.15 AM to 12.45 PM			
	2.00 PM to 3.30 PM			

			Interaction Section
	3.30 PM to 4.00 PM		Feedback session & Valedictory

Break: FN: 11.00 AM to 11.15, Lunch Break: 12.45. to 2.00 PM (Except Day1)

Coordinator

Dr. P. Abdul Khayum

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CERTIFICATE OF PARTICIPATION

This is to certify that

Sarada Aavula, Assistant Professor

of G Narayanamma Institute of Technology & Science (for Women)

has participated in AICTE Sponsored one week online Short-Term Training Program

(Ref. No. 34-66/304/FDC/STTP/Policy-1/2019-20) (Phase-III) on

Practical Exposure on Machine Learning and Data Science

organized by Department of Electronics and Communication Engineering, GPREC(A), Kurnool
during 13th September to 18th September 2021

Dr. P. Abdul Khayum
Coordinator

Dr. S. Nagaraja Rao
Professor & HOD of ECE

Dr. B. Sreenivāsa Reddy
Principal, GPREC

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Department: Electronics and Communication Engineering

2021-22

REPORT

AICTE Sponsored Online One Week Short Term Training Program under AQIS
On
PRACTICAL EXPOSURE ON MACHINE LEARNING AND DATA SCIENCE-PHASE-III

Date of program: 13th September 2021 to 18th September 2021

Resource persons:

1. Dr. Surya Prakash ,Assistant Professor, Department of ECE,IIT Alahabad,
2. Dr. Hemprasad Yashwant Patil ,Department of Embedded Technology, VIT Vellore,
3. Dr. Amith Deogar,Assistant Professor,NITTTR, Chandigarh
4. Dr. Shiraz Khurana,Associate Professor,Department of CSE,Panipat Institute of Engineering & Technology, Haryana
5. Abhay Kumar ,Software Developer at Amazon,Bangalore
6. Anup Jayanth Khelkhar,Data Analyst , Entrepreneur & Technical Speaker,Python Academy, Nagpur
7. Dr. Subhajit Sidhanta ,Assistant Professor ,Department of Electrical Engineering and Computer Science, IIT, Bhilai
8. Dr. Josephine R L,Assistant Professor,Department of EEE,NIT, Tiruchirapalli
9. Gagan Deep,Founder & Director,Rozy Computech Services, Azad Nagar,Kurukshetra

About the Program:

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Signature of the Faculty member

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