

ABOUT THE COLLEGE:

The College is the brainchild of the renowned philanthropist, Sri G. Pulla Reddy. Established in 1985 and managed by G. Pulla Reddy Charities Trust, the college is affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu and approved by AICTE, accredited by NBA of AICTE and NAAC of UGC. The college offers Under Graduate Programme in Nine Engineering branches and three Post Graduate programmes.

ABOUT THE DEPARTMENT:

The department of Electrical & Electronics Engineering was established in 1994. The department has excellent infrastructure facilities, well equipped laboratories and has MoU's with industries. The department has a strong pool of qualified faculty with Ph.D. and M.Tech.

ABOUT THE WORKSHOP:

Deep learning is a subset of machine learning and an extension of a certain kind of algorithm called Artificial Neural Networks (ANNs). The development of neural networks was inspired by the knowledge of how the human brain works. Deep learning techniques have made great strides over the past decade. In this workshop, you'll learn how deep learning works. You'll train deep learning models from scratch, learning tools and tricks to achieve highly accurate results.

RESOURCE PERSONS:

Technical Experts from MathWorks, Bengaluru.
Technical Experts from Capricot Technologies, Hyd.
Dr. G.Amjad khan, Associate Professor,GPREC, Kurnool.
Sri. G.Pavan Kumar, Asst. Professor, GPREC, Kurnool.

ENVISAGED COVERAGE:

Introduction to MATLAB & Introduction to Deep Learning
Image Classification using Deep Learning
Comparison between Machine Learning & Deep Learning
Hardware Integration with MATLAB
Installing Hardware Support package for Webcam
Image Classification with Deep Learning using Webcam
Convolutional Neural Network for Deep Learning
Image Classification using Transfer Learning
Train a Deep Neural Network from Scratch
Introduction to Deep Network Designer
Train a Deep Neural Network from Scratch using Deep Network Designer , Applications of Deep Learning
Web Scrapping and Exploratory Data Analysis for NLP

PARTICIPANTS:

The workshop is open to Faculty members, PG, Research scholars from AICTE Approved educational institutions and persons from R & D organizations and Industries.

ORGANIZING COMMITTEE

Chairman:

Sri. P. Subba Reddy

Chief Patron:

Dr. B. Sreenivasa Reddy, Principal, GPREC, Kurnool.

Patron:

Dr. T. Bramhananda Reddy, Professor & Head, EEE Dept.

Convener:

Dr. Abid Nayeernuddin.M, Associate Professor, EEE Dept.

Co-Convener:

Dr. G.Venkata Subba Reddy, Asst. Professor, EEE Dept.

Faculty Advisors:

Dr. G. Amjad khan, Associate Professor , ECE Dept.

Dr. G. V.R. Sagar, Associate Professor , ECE Dept.

Sri. J. Swamy Naik, Associate Professor , CSE Dept.

Dr. M. Srinivasula Reddy, Associate Professor , CE Dept.

Sri. Krishnaarjun Rao, Assistant Professor , ME Dept.

Sri. B. Amamath Naidu, Assistant Professor , EEE Dept.

Organizing Members

Dr. Y.V.Siva Reddy, Professor, EEE Dept.

Dr. K. Sri Gowri, Professor, EEE Dept.

Dr. M. Siva Satyanarayana, Associate Professor, EEE Dept.

Dr. N. Ravi Sankar Reddy, Associate Professor, EEE Dept.

Dr. V. Anantha Lakshmi, Associate Professor, EEE Dept.

Dr. G. Kishor, Associate Professor, EEE Dept.

Dr. G. Satheesh, Associate Professor, EEE Dept.

Dr. M. Harshavardhan Reddy, Associate Professor, EEE Dept.

Dr. B. Urmila, Associate Professor, EEE Dept.

Dr. C. Harinatha Reddy, Associate Professor, EEE Dept.

Dr. G. Sreenivasa Reddy, Asst. Professor, EEE Dept.

Sri. S. Anil Kumar, Asst. Professor, EEE Dept.

Smt. G. Haritha, Asst. Professor, EEE Dept.

Sri. A. Pradeep Kumar Yadav, Asst. Professor, EEE Dept.

Sri E.Sreenadh, Asst. Professor, EEE Dept.

Sri B.Raghavendra Reddy, Asst. Professor, EEE Dept.

Sri M. Sreenivasa Reddy, Asst. Professor, EEE Dept.

A One Week National Level Virtual Faculty Development Programme on

“Deep Learning: Perspectives, Trends and Research Prospects” (DL-2021)

25th to 30th October 2021

Organized by

Department of

Electrical and Electronics Engineering,

NI LabVIEW Academy

in Association with

Math Works, Bengaluru &

Capricot Technologies, Hyderabad.

REGISTRATION: No Registration FEE

Registration Link: <https://bit.ly/dlfdp2021>

Last Date for Registration: 22nd October 2021



ADDRESS FOR ALL CORRESPONDENCE

Dr. ABID NAYEEMUDDIN.M

Convener of FDP

G. Pulla Reddy Engineering College (Autonomous)

(Accredited by NBA of AICTE and NAAC of UGC (A+) & Affiliated to JNTUA, Ananthapuramu)

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