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Professor & Head,
Department of CSE

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REGISTRATION FORM

A One Week National Level
Faculty Development Programme
On

Machine Learning using PYTHON

1. Name: _____

2. Designation: _____

3. Qualification: _____

4. Department: _____

5. Organization: _____

6. Mobile No: _____

7. Email Id: _____

8. Address for Communication: _____

_____

Place:

Date: *Signature of Applicant*

Signature of the
Head of the Institution/Department

MACHINE LEARNING
Using PYTHON

09th - 15th December **2019**

Department of
Computer Science & Engineering

NARAYANA
ENGINEERING COLLEGE

(Recognized by UGC 2(f) and 12(B), An ISO 9001:2015 Certified Institution, Approved by AICTE New Delhi & Permanently Affiliated to JNTUA Ananthapuramu)

Dhurjati Nagar, GUDUR, SPSR Nellore Dist - 524 101.

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ABOUT THE INSTITUTION

Mr. P. Narayana, an Educationalist promoted this institute as Narayana Engineering College, Gudur in the year 2001. This college was affiliated to JNTUA University, Anantapuramu, accredited with "A" Grade by National Assesment and Accreditation Council(NAAC) and offered four Under Graduate Engineering courses namely, Electronics and communication, Computer Science & Engineering, Electrical and Electronics and Information Technology. The constant support and effort by the Management, Faculty, Students, and Parents led the college to grow in both quantitatively and qualitatively. The All India Council for Technical Education (AICTE), Government of India, has ensured accreditation of all the courses offered at the college. we have included another branches namely Civil Engineering and Mechanical Engineering in the year 2011 and 2012 respectively. Now we have a total intake of 420 students per year, we have an exceptional faculty, resources and students. Our moto is to give the students an excellence in his or her career, our goal to shape their future in all the ways.

ABOUT THE DEPARTMENT

Computer Science and Engineering (CSE) is one of the popular branches among engineering aspirants which focuses on the basic elements of data security, cloud computing, mobile applications and social networks. Students pursuing computer science courses will gain knowledge of design, implementation and management of information system of both hardware and software. The NECG-CSE was established in the year 2001, with the commitment of continually improving its educational environment in order to develop graduates with the strong academic and technical backgrounds needed to achieve distinction in their discipline. The Department has various laboratories with upgraded and genuine softwares, a well equipped seminar hall and a Department Library.

The CSE department in NECG is well equipped all the necessary capabilities to deliver extensive knowledge to the students by conducting Guest Lectures, Expert Lectures, Seminars, Workshops, Add-on courses, technical symposiums/conferences conducted by NECG as well as other organizations. The Department's student technical association – Computer Engineers technical association (NIPUNA) organizes co-curricular and extra-curricular activities regularly, to keep the spirit of the students high. Majority of the students from our department have been placed through the placement and training cell of the College during the last five years. The alumni of CSE have made their mark in reputed organizations in India and Abroad and also helped our current batches in placement and co-curricular activity support.

Programmes offered by the Department:

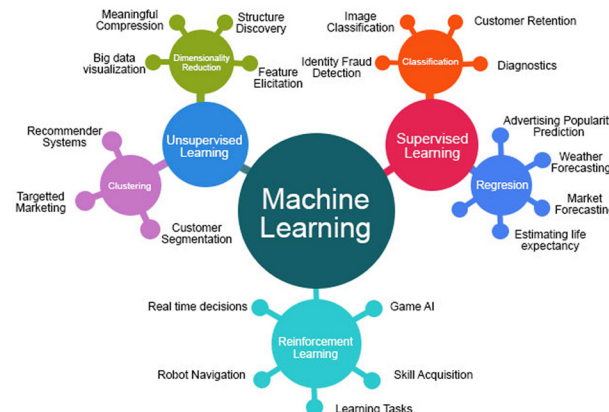**B. Tech** - Computer Science and Engineering – Intake - 120

M. Tech - Computer Science - Intake - 18

The Department is Headed by **Dr. P.Venkateswara Rao, Professor** who has more than 20 years of teaching experience and supported by well qualified faculty

OBJECTIVE

To meet the ever-demanding needs of knowledge industry, Faculty development programmes (FDP) have always been an effective tool to enhance teaching and research capabilities of educators. Aiming at developing competences in recent advances in Information Technologies, Narayana Engineering College, Gudur is conducting One week National Level Faculty development program on "Machine Learning using Python". This Technical faculty development program is aimed as a Research Frontiers in Machine Learning. Machine learning is a type of artificial intelligence (AI) that provides computers with the ability to learn without being explicitly programmed. Machine learning focuses on the development of Computer Programs that can change when exposed to new data.

This mainly dives into the basics of machine learning using an approachable, and well-known programming language, Python. In this, we will be reviewing two main components, First, you will be learning about the purpose of Machine Learning and where it applies to the real world. Second, you will get a general overview of Machine Learning topics such as supervised vs unsupervised learning, model evaluation, and Machine Learning algorithms.

Department of

COMPUTER SCIENCE & ENGINEERING