

REGISTRATION FORM

Name: _____
Designation: _____
Organization: _____
Department: _____
Mailing Address: _____

Mobile No.: _____
Email: _____
Experience: _____
Research/ Teaching/ Industry: _____

I am enclosing a Demand Draft for
Rs 1200/- | Rs. 1500/- | Rs. 2000/-
in favour of Head CSED MJCET, payable at
Hyderabad.

DD.No. : _____
Dated : _____
Bank : _____

“or”

Online Transaction No:

Date: DD / MM / YYYY

Signature of Applicant

Place: _____

Signature of Head of Institution

Address for Correspondence:

Ms Manjusha Prasad: 8885771333
Ms. Ch. Krishna Keerthi : 9502241066

*Email filled application form & DD / Transaction No.
scanned copy to fdp.cse@mjcollege.ac.in

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Mr. Zafar Javeed
Honorary Secretary, SUES
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Advisor-cum-Director, MJCET

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CO-COORDINATOR

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**ONE WEEK
FACULTY DEVELOPMENT PROGRAM
ON**

**DATA SCIENCE
TECHNOLOGIES &
NEXT GENERATION
ARTIFICIAL
INTELLIGENCE**

(03-01-2019 to 08-01-2019)

Organized by :

Computer Science & Engineering Department

In Collaboration with CSI, Hyderabad.

Next Generation
Artificial Intelligence



Data Science



**MUFFAKHAM JAH COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(Approved by AICTE & Affiliated to O.U)

Road No.3, Banjara Hills, Hyderabad-500034

Website: www.mjcollege.ac.in

MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and 5 ME Courses (CAD/CAM, Structural Engg., Digital Systems, Computers & Power Electronics) of two years duration. The current intake of all BE Courses is 780, in addition to 102 students in ME Programmes. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi.

VISION OF THE INSTITUTION

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

Computer Science & Engineering

The Department of Computer Science and Engineering was established in the year 1986, the CSE department offers a 4-Year BE (CSE) Degree with an annual intake of 120 and M.Tech (CSE) with an intake of 24.

DEPARTMENT VISION

To contribute competent computer science professionals to the global talent pool to meet the constantly evolving societal needs.

DEPARTMENT MISSION

Mentoring students towards a successful professional career in a global environment through quality education and soft skills in order to meet the evolving societal needs.

PREAMBLE

Data Science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms, both structured and unstructured. Statistics state that history's most unbalanced demand and supply ratio is seen today in the Data Science Industry. It is known that there would soon be a shortage of around huge number of professionals, with the required skill set for data analysis like tsunami generated huge amounts of information by firms on a daily basis, it becomes difficult for them to make sense of it.

AI (Artificial Intelligence) is the simulation of human intelligence process by machines especially computer systems. Artificial Intelligence, 5 years from now, will create millions of jobs in India. Most predictions about the job landscape in the next few years involve automation, artificial intelligence and increasingly-redundant humans. The current state of AI can do many things, but there are still challenges to work out before we reach human like brains. Some of the current challenges with AI include learning without labels and generalization of learning.

The objective and scope of the workshop is to explore the latest concepts, challenges and future directions in Data Science Technologies & Next Generation Artificial Intelligence. This program also acts as an opportunity for cross-disciplinary discussion and collaboration. Participants will be exposed to hands on lab sessions covering the fundamentals of Data Sciences & Artificial Intelligence.

COURSE OUTLINE

- ▶ Overview of Data Science Technologies & AI
- ▶ Data Preparation & Integration
- ▶ Predictive Analysis & Data Visualization
- ▶ CNN & Knowledge Representation Technologies
- ▶ Disruptive Technologies in Artificial Intelligence Case Studies on Applications
- ▶ Hands-on session on: (a) Machine Learning Step by Step using Scikit-Learn (Python, Jupyter Notebooks and Anaconda Distribution) (b) Data Modeling and Predictions using Azure Machine Learning (Microsoft Tool for ML) and Firebase ML Kit (c) Tensor Flow (d) Keras

IMPORTANT DATES

Last Date for registration : 27th December 2018
Participation confirmation : 31st December 2018
by E-mail
Duration : 3rd to 8th Jan. 2019

RESOURCE PERSONS

Eminent Speakers from the Corporate World and Academia with domain experience.

REGISTRATION FEE DETAILS

For Faculty Member and
Research Scholars : Rs.1500/-
Participants from Industry : Rs. 2000/-
CSI Members / PG Students : Rs.1200/-

No TA & DA will be paid.
Complimentary Kit and Lunch will be provided.

PAYMENT DETAILS

DD in favour of
HEAD CSED MJCET
payable at Hyderabad.

or

Make online NEFT payment on given details

Account Name : Head CSED MJCET
Account Number : 37346595762
Account Type : Current
SBI IFSC Code : SBIN0020940

VENUE :

MJCET Seminar Hall, Block-4
Muffakham Jah College of Engg. and Tech.
Road No. 3, Banjara hills, Hyderabad-34.