

About the Institute

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

Established in the year 1980 under Sultan-Ul-Uloom Education Society (SUES), Muffakham Jah College of Engineering and Technology is a Minority Educational Institution affiliated to Osmania University, Hyderabad and approved by AICTE and accredited by the NAAC with Grade A+. With a standing of over 4 decades in the field of education, MJCET is one of the premier institutions offering 7 BE Courses in Civil, CSE, CS & AI, ECE, EEE, IT and Mechanical and 5 ME Courses and has 5 Research Centers. MJCET is listed consistently among the top 75 government and private engineering colleges of India. The college stood at 57th position in the survey conducted by Outlook-India 2024.

About the Department

The Department of Information Technology was established in the year 2000 with an intention to cater the needs of IT industry. The department has 5 computer laboratories equipped with latest computer systems and software meeting to the curriculum requirements along with separate Basic Electronics and Microprocessor Lab.



Website: <https://mjcollege.ac.in/>



<https://maps.app.goo.gl/6xNZKuz35CaVsPsg7>

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

(Sultan-ul-uloom Education Society)

Affiliated to Osmania University and recognized by AICTE
Mount Pleasant, Road No. 3, Banjara Hills, Hyderabad—34



One Week Faculty Development Program

On

Data Science Using Python

(25 – 29 November, 2024)

Organized By

**National Institute of Technical Teachers
Training and Research (NITTTR), Chandigarh**

(Sponsored by Ministry of Education, Govt. of India)

In Association

With

**Information Technology Department
(Muffakham Jah College of Engineering and Technology)
(Remote Center)**

About NITTTR Chandigarh

The Ministry of Human Resource Development, Government of India established National Institute of Technical Teachers Training & Research to meet the large scale industrialization of the country in 1967. NITTTR Chandigarh is one of these four NITTTRs, started in collaboration with Royal Netherlands Government. The institute started with short term teachers' training programs for promoting the competence of teachers in various fields.

NITTTR established Educational Television and Computer Science departments in the year 1981 and 1982 respectively. In the year 1994, two more courses namely Master of Engineering in Construction Technology and Management and Computer Science and Engineering were added. Since June 2001, this institute has been conducting short term courses in various subjects for faculty of Engineering Colleges in addition to organizing AICTE sponsored Induction Training Programs.

About Data Science using Python FDP

Faculty Development Program on **Data Science using Python** is designed to introduce participants to core data science concepts using Python. Data science is an interdisciplinary academic field that uses statistics, scientific computing, scientific methods, processing, scientific visualization, algorithms and systems to extract or extrapolate knowledge and insights from potentially noisy, structured, or unstructured data.

Topics to be covered

- Feature Engineering
- Data Cleaning
- Data Analysis
- Data Visualization
- Data Science Basics
- Clustering Techniques
- Linear Regression and SVM
- Decision Trees
- Ensemble Based Learning
- Association Rule Mining

Chief Patron

Janab. Zafar Javeed
Hony. Secretary, SUES.

Patron

Dr. Mahipal Singh Rawat
Principal, MJCET.

Co-Patron

Dr. Syed Ferhathullah Hussainy
Professor & Dean, MJCET.

Convenor

Dr. Gouri R Patil
Head, ITD, MJCET.

Coordinator

Ms. Sayyada Hajera Begum
Assistant Professor, ITD - 9502667471

Co-Coordinator

Mr. Mohd Afroze
Assistant Professor, ITD - 98857554500

Organizing Committee

- Dr. Fouzia Sayeedunnisa, Assoc. Prof & Assoc. Head
- Dr. Rafi U Zaman, Assoc. Professor
- Mr. Himayathullah Shareif, Asst. Professor
- Mr. M A Rasheed, Asst. Professor
- Mr. Syed Azar Ali, Asst. Professor
- Mr. Ibrahim Khalilullah, Asst. Professor
- Mr. Abdul Wajid, Asst. Professor

Registration Guidelines

All the Participants have to pay the Registration fee of 118 Rs. through NITTTR Chandigarh FDP website.

NITTTR FDP Home Page Link

<https://fdp.nitttrchd.ac.in/backingup/>

NITTTR FDP Registration Link

<https://fdp.nitttrchd.ac.in/backingup/partiregister.php>

Link on how to Register

<https://drive.google.com/file/d/1cnrtzVLuN2WnS6yHl49rtcGhi4d3NYOb/view?usp=sharing>