



"Live as if you were to die tomorrow.  
Learn as if you were to live forever."  
\_Mahatma Gandhi\_

### ELIGIBILITY

Faculty members and research scholars from colleges affiliated to APJ Abdul Kalam Technological University are eligible to attend the programme.

### REGISTRATION

Interested candidates shall register through the Google form on or before 28<sup>th</sup> January 2023.

Google Forms link : [shorturl.at/gkr26](https://shorturl.at/gkr26)

The number of participants are limited to 30 and the participants will be selected on First Come First Serve basis.

**- No Registration Fee -**

The selected participants will be intimated by Email on 30<sup>th</sup> January 2023.

### CERTIFICATE

Certificate will be issued to all those participants who complete the course successfully.

#### COURSE COORDINATORS

<b>Ms. REVATHY N</b> Assistant Professor Department of CSE <a href="mailto:revathyn@tkmit.ac.in">revathyn@tkmit.ac.in</a> +91 8281639293	<b>Ms. CHINNU RAVI</b> Assistant Professor Department of CSE <a href="mailto:chinnuravi@tkmit.ac.in">chinnuravi@tkmit.ac.in</a> +91 9497363721
--	--

SCAN QR  
Code to apply



### SPONSORSHIP CERTIFICATE

Certify that Dr./Mr./Mrs. \_\_\_\_\_  
is working as \_\_\_\_\_  
in \_\_\_\_\_ at \_\_\_\_\_  
\_\_\_\_\_ is permitted to attend the  
KTU Sponsored 3 day FDP on **"Role of Python In  
Emerging Trends of Computer Science"** at TKM Insti-  
tute of Technology, Kollam from 01-02-2023 to  
03-02-2023.

Date: \_\_\_\_\_ Head of Institution

Seal

Send a Scanned copy of duly signed sponsorship certificate to [tkmitcsefdp@gmail.com](mailto:tkmitcsefdp@gmail.com) on or before 31-01-2023.

**TKM** INSTITUTE OF TECHNOLOGY  
MUSALIAR HILLS, KARUVELIL PO, EZHUKONE, KOLLAM  
PHONE: +91 474 2482833, 2482083, FAX: +91 474 2483715  
EMAIL: [principal@tkmit.ac.in](mailto:principal@tkmit.ac.in) WEBSITE: [www.tkmit.ac.in](http://www.tkmit.ac.in)



APJ ABDUL KALAM  
TECHNOLOGICAL  
UNIVERSITY

KTU SPONSORED **3 - DAY**  
FACULTY DEVELOPMENT PROGRAMME

**" ROLE OF PYTHON IN EMERGING  
TRENDS OF COMPUTER SCIENCE "**

Organized By  
DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING



## ◆ ABOUT THE INSTITUTION

**T K M** Institute of Technology was established in 2002 by the T K M College Trust and is located on a verdant 25-acre campus known as Musaliar Hills at Karuvelil, Kollam. The institute is now affiliated to APJ Abdul Kalam Technological University, Kerala offering six B.Tech courses (Biomedical Engineering, Civil Engineering, Computer Science & Engineering, Electrical and Electronics Engineering, Food Technology, Mechanical Engineering) and two Post Graduate programmes (Computer and Information Science, VLSI and Embedded Systems).

## ◆ DEPARTMENT OF CSE

The Department of Computer Science and Engineering was established in the year 2002 with an Undergraduate Programme and a Post Graduate Programme in Computer and Information Science. The focus of the department is to provide students with a conducive atmosphere to train them in the frontier areas of Computer Science & thereby acquire good academic knowledge and analytical skills via smart teaching and learning process. The department association, known as ACE (Association of Cyber Experts) & Association for Computing Machinery (ACM) are active in organizing various workshops and seminars in collaboration with industries for the growth and development of faculty and students.

## VISION

To nurture the Computer Science and Engineering students to be professionals with innovative skills and research ability to address the emerging challenges for the development of society.

## MISSION

- ▶ To offer an excellent platform for graduate and postgraduate students of computer science to enrich their knowledge to global standards.
- ▶ To familiarize students to cutting edge technologies and enhance their expertise to meet the need of the fast changing world.
- ▶ To provide the learning ambience to augment problem solving skills, leadership qualities and team-spirit, essential for the students to be innovators and researchers.
- ▶ To inculcate social responsibility and professional ethics among students.

## ◆ THEME OF THE FDP

In today's world, python is a gateway to all programming languages. It is necessary that we learn and understand the methodologies of python since it has evolved as the first choice among developers and programmers, particularly in the fields of Machine Learning, Big Data and Cloud Computing. The Computer Science and Engineering department of TKMIT is organi-

-zing a 3-day faculty development program on "Role of Python in emerging trends of Computer science" from 1st to 3rd of February, 2023. The sessions will be handled by proficient resource persons.

## TOPICS COVERED

- ▶ Python: Fundamentals, SQL connectivity, NumPy, Pandas, Pyplot
- ▶ Introductions to Django (A python framework)
- ▶ Template Rendering & Dynamic data templates
- ▶ Python in AI and ML
- ▶ OpenAI GPT-3 in python

## RESOURCE PERSONS

### **Dr. J V BIBAL BENIFA**

Assistant Professor, IIIT, Kottayam

### **Dr. SUNIL T T**

Professor, College of Engineering, Attingal

### **Prof. SUMOD SUNDAR**

Assistant Professor, Centre for AI, TKMCE, Kollam

### **Mr. MUHAMMED RAMSAN K**

Director, Excelsior, Kollam

### **Mr. MUHAMMED SULTHAN A**

Tech Lead, Steyp, An initiative from TALROP