

## Registration Form



<https://forms.gle/9bc5ecSfa8eM1TZaA>

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ARKA Educational & Cultural Trust (R)

## Jain Institute of Technology, Davangere

(A unit of Jain Group of Institutions, Bengaluru)

Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi and Govt. of Karnataka

Website: <http://www.jitd.in>, E-mail: [principal4jd@gmail.com](mailto:principal4jd@gmail.com)



Six Day Hands-on

## Faculty Development Program (FDP)

on

## Master Math by Python

As per 2022 scheme of Visvesvaraya Technological University, Belagavi  
(Covering all the streams of both semesters)

06<sup>th</sup> to 11<sup>th</sup> February 2023

(Hybrid mode)

In association with



Organized by

Department of Computer Science & Engineering  
Jain Institute of Technology, Davangere



## ABOUT JIT, Davangere

JIT is one of the best developing engineering institutions of Davanagere and is located adjacent to Pune Bangalore National Highway. It is established in the year 2011. JITD is 7kms from Railway and Bus Stations. It has lush green campus spread across 16 Acres land, attached with Lake. The institution has excellent infrastructural facilities that include spacious class rooms, well-equipped Laboratories, Seminar Halls, Digital Library, Computer Center, Browsing Centre with high speed internet connectivity, Canteen, Transportation and reprographic facilities. Well experienced & dedicated faculty members and a strong students mentorship programs.

## Institute Vision

**Technical manpower development to build professionally excellent, globally competitive, socially responsible engineers and entrepreneurs with human values.**

## Institute Mission

**M1:** To provide quality education through innovation in teaching to create technologically competent engineers.

**M2:** To Achieve excellence in research and development to advance science and technology to the ever changing needs of society.

**M3:** To create outstanding professionals capable of working in multi-cultural environment.

**M4:** To produce quality engineers with high ethical standards and professionalism.

## About Department

The department is established in the year 2011 with the initial intake of 60 and increased to 120 in the AY 2022-23. The department has good infrastructure, highly qualified teaching and non-teaching staff and well equipped laboratories. The department has adopted Outcome Based Education to improve the quality of teaching and learning process. Faculty members have published good number of research publications in peer- reviewed journals and have many patents. The department has received funding's from various agencies like VGST, KSCST etc. The department has Industry collaborations with eight reputed companies and have been conducting many workshops, FDPs etc. Department has a unique and very active forum platform **CS-UBIQUE** for the students to showcase their talents and skillsets.

## Department Vision

To develop socially responsible computer engineers and entrepreneurs with strong academic excellence, technical backgrounds, research and innovation, intellectual skills and creativity to cater the needs of IT Industry and society by adopting professional ethics.

## Department Mission

**M1:** To impart center of excellence by offering technical education and imbibing experiential learning skills to achieve teaching learning process.

**M2:** Providing a Platform to discover and engage research and innovation strengths, talents, passions through collaborations, government, private agencies and industries.

**M3:** Creating an environment to inculcate moral principles, professionalism and responsibilities towards the society.

## About FDP

Practical exposure is much needed to relate to theoretical learning. Python, a relatively new programming language, has taken the world by storm in the scientific and mathematical world. In the current situation, python increasingly dominate the scientific computing world.

The proposed FDP encourage participants to learn Fundamentals of Python, Python's math module, Mathematical calculations which are an essential part of python development. For straightforward mathematical calculations in Python, one can use the built-in mathematical operators, such as addition (+), subtraction (-), division (/), and multiplication (\*). For more advanced operations, such as exponential, logarithmic, trigonometric or power functions, Python provides a module specifically designed for higher-level mathematical operations, the **math module**. *The main agenda of the FDP is to train the VTU affiliated mathematics fraternity towards the usage of python for mathematical experimentations as per the prescribed scheme and syllabus 2022.*

## FDP GUIDELINES

1. Six day FDP is planned to conduct in hybrid mode as three days offline (hands-on) and three days online
2. Registration fees: **Rs. 500 / participant**
3. Participants are requested to get their Laptops for better continuation of learning
4. Accommodation is provided based on request
5. Working lunch will be provided