



JOINT AICTE-GTU FDP



On

Training on Data Science Tools (21st – 26th March 2022)

Organized by



**SHRI CHIMANBHAI PATEL POST
GRADUATE INSTITUTE OF COMPUTER
APPLICATIONS, AHMEDABAD, GUJARAT**

About Institute

Shri Chimanbhai Patel Post Graduate Institute of Computer Applications (SCPPGICA) comes under the aegis of Sardar Vallabhbhai Education Trust (SVET). SVET was established in 1978 with the main objective of providing higher education without any discrimination of caste, colour, creed or religion, and also to develop a healthy as well as critical attitude towards mental, physical, and moral development of students. SVET was founded by Late Shri Chimanbhai Patel, former Chief Minister of Gujarat. Late Dr. Urmilaben Patel, an educationalist and social worker, served as the Managing Trustee of SVET. SCPPGICA is affiliated with GTU to offer MCA programme approved by AICTE since 2001.

The Institute is spread over 4 acres of land with a lush green campus supported by AC classrooms and State-of-the-Art laboratories. The Central Library with modern facilities provides the knowledge base for the students. The campus Wi-Fi is equipped with high speed internet facility. The institute has good faculty strength with highest professional integrity & commitment to the academics. The success of an institute lies in the industry acceptability of its students. The Placement Cell at SCPPGICA works tirelessly in ensuring that the best corporate houses from different areas visit the institute for recruitment.

About Programme

Now a days, faculty members and researchers at all levels are increasingly turning to the open source tools such as Python and R as an alternative to commercial tools for data science. Beginning with general programming concepts and functions within the core Python language, this FDP covers Pandas, Matplotlib, and Seaborn libraries for data analysis and data visualization. This FDP will also introduce R and explore its core features related to data science.

Expected Outcome

- Exposure to practical problems of various industry verticals
- Understanding of Data Processing, Visualization and Analytical techniques using Python and R
- Learning various tools and techniques to perform data science tasks

Why Participate?

- Expert Speakers
- No Registration Fee
- Limited seats only (Maximum 100)
- Hands-on sessions
- Certificate to eligible participants

General Rules

- Only faculty members of GTU Affiliated Institutes recognized by AICTE can participate
- Minimum 80% Attendance and 60% score in online exam is required for claiming FDP certificate

Last Date for Registration

March 2022						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Thursday 17th Mar 2022

Registration



<https://forms.gle/LZnUyfyiTwBrHevi9>

Date of Registration Confirmation

March 2022						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Friday 18th Mar 2022

Content to be Covered

- Introduction to Data Science
- Introduction to Python Environment
- Basics of Python Programming & R Language
- Statistics for Data Science
- Data Wrangling & Data Visualization with Python and R
- Case Studies on Data Science
- NEP—Challenges and Opportunities

Organizing Committee

Chief Patron

Prof. (Dr.) Navin Sheth, Hon. VC, GTU

Patron

Shri Siddharth C. Patel, Managing Trustee, SVET

Convener

Dr. Hardik Soni, Director, SCPPGICA

University Coordinator

Dr. Sarika Srivastava, Asst. Prof., Graduate School of Management Studies, GTU

Program Coordinator

Prof. Harish Morwani, Asst. Prof., SCPPGICA

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Resource Persons

- Dr. Sanjay Kumar Vij, ITM (SLS) Baroda University, Vadodara
- Dr. Nidhi Arora - Chief AI Officer, Inferenz Tech. Pvt. Ltd. (Industry Expert)
- Dr. Pankajray Patel - Director, GTU
- Dr. Hardik Soni - Director, SCPPGICA
- Dr. Priyanka Pathak - Director CPIBA
- Dr. Nirav Halvadia - Associate Professor, VMPIM, Ganpat University
- Dr. Kedar Bhatt - Assistant Professor, CPIMR
- Dr. Rutvi Shah - Assistant Professor, CPICA
- Dr. Jonita Roman - Assistant Professor, ITM (SLS) Baroda University, Vadodara
- Prof. Harish Morwani - Assistant Professor, SCPPGICA

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