St. Xavier's College (Autonomous), Kolkata

In Collaboration with

E&ICT Academy, IIT Kanpur
A Joint Initiative of MeitY & IIT Kanpur

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5-Days Online Faculty Development Programme

On

Data Analysis Using Python

Organized by

Department of Information Technology,

Faculty of Commerce

&

Internal Quality Assurance Cell (IQAC)

Date: 27.06.2022 – 01.07.2022
Time: 3:30 PM -5:30 PM

Resource Person

Mr. Rahul Garg
Chief Architect of E & ICT Academy & IT
Consultant & Director of Prutor.ai, IIT Kanpur

Chief Patron

Rev. Dr. Dominic Savio, SJ
Principal
St. Xavier's College (Autonomous), Kolkata

Patron

Rev. Fr. Joseph Kulandai, SJ
Vice Principal
St. Xavier's College (Autonomous), Kolkata

Patron

Rev. Fr. Peter Arockiam, SJ
Vice Principal
St. Xavier's College (Autonomous), Kolkata

Patron

Rev. Fr. Johnson Padiyara, SJ
Vice Principal (Raghabpur Campus)
St. Xavier's College (Autonomous), Kolkata

Registration

Registration is mandatory. Registration Fee: 700/- INR

Last Date of Registration: 23.06.2022

Registration and Payment Link
https://online.sxccal.edu/FDPDAPRegistration/Registration.aspx

Reprint Payment Slip
https://online.sxccal.edu/FDPDAPRegistration/Search.aspx

Who Can Attend

Faculty Members, Research Scholars, PG students from any department of Colleges / Universities, IT Personnels, Industry Professionals can attend the programme

Coordinator
Dr. Tapalina Bhattasali
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IQAC Coordinator
Dr. Partha Pratim Ghosh
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Designing and Graphics
Prof. Swaraj Kr. Nandan
Assistant Professor
St. Xavier's College (Autonomous), Kolkata

Powered By

St. Xavier's College (Autonomous), Kolkata

A Christian Minority Jesuit Higher Educational Institution, St. Xavier's was founded in 1860 by a Catholic Minority Religious body, the Society of Jesus, and was affiliated to Calcutta University in 1862. The college was granted autonomy in 2006 and was awarded the status of College with Potential for Excellence in the same year by UGC. The college received College of Excellence status in 2014 followed by the College with a Special Heritage Status in 2015. It received the highest ever NAAC rating of A++ with 3.77 CGPA. St. Xavier's College, Kolkata, has secured the 4th rank in India Ranking 2021 for colleges, conducted by National Institutional Ranking Framework (NIRF) under Ministry of Human Resource Development (MHRD), Government of India. Xavier's College offers UG and PG courses under five faculties: Arts, Science, Commerce, Business Administration, and Education. It also offers various professional certificate and diploma courses under Career Oriented Programmes and Computer Centre. St. Xavier's College (Autonomous) has been certified as meeting the requirements of ISO 9001:2015 on 3rd July 2019. New feathers get added year after year to the cap of this great institution whose only objective is "for the greater glory of God".

St. Xavier's College offers Ph.D in Science, Commerce & Arts. Inspired by the Vision of St. Ignatius of Loyola (Founder of the Jesuit Order) of forming "Men and Women for and with others". St. Xavier's continues to strive to promote a humane society based on love, freedom, liberty, justice, equality and fraternity.

Electronics & ICT Academy at IIT Kanpur

Electronics & ICT Academy (E & ICT Academy) at IIT Kanpur has been mandated to provide industry focused and industry-driven, hands-on courses in Electronics & ICT. It strives to narrow the gap between the academic approach to Electronics & ICT domains as currently provided by the educational institutions and the practically oriented approach as demanded by the industry. It is working towards enhancing the domain expertise of interested faculties through a continuous engagement model with courses upgraded regularly.

Objectives:

- To learn how to apply Python for data analysis.
- To become familiar with the processes needed in the roadmap of data analysis.
- To identify appropriate techniques for analyzing data that in turn can be used in the field of Data Science.

Contents of the Programme

- § Importing Data Set
- § Data Wrangling
- § Exploratory Data Analysis
- § Model Development
- § Model Evaluation

Pre-Requisites

- Laptop/Desktop with updated settings
- Good Quality Audio
- Good Internet Connection
- Uninterrupted Power Back-Up

About the FDP

The Ten Hours Online Faculty Development Programme (FDP) includes Theory, Activities, Case-studies, Evaluation. This Programme will adopt interactive hands-on sessions, which will be handled by the eminent IT expert. Participants can also clear their doubts relevant to the programme.

This FDP can be considered at par with the other Quality Improvement Programme (QIP) and other provisions for recognition / credit.

Active Zoom link will be provided to the registered participants.

During the programme, registered participants **will get the instruction sets to use required software**

There are limited numbers of seats. Participation will be based on First Come First Served Basis. Any updates in the programme schedule will be notified to the participants in well - advance.

Live Sessions on Zoom Platform.

E-Certificate

E-Certificates will be issued by E & ICT Academy, IIT Kanpur after successful completion of the programme.