



St. Xavier's College, Jaipur Department of Computer Science

Organizes
Ability & Skill Enhancement Courses
in Association with
Futuro Focus



Register here >>

<https://bit.ly/3KxBGBr>



FUTURO FOCUS

DATA VISUALIZATION USING PYTHON

Topics Covered

- ✓ Core Python
- ✓ Python Libraries
- ✓ Matplotlib, Seaborn
- ✓ Plotly, Dash

WEB APP. DEVELOPMENT USING DJANGO

Topics Covered

- ✓ CSS
- ✓ Python
- ✓ DJANGO

Fee per course
Rs. 2000/-
on or 08/9/2022

Date : 15th September 2022 onwards

Venue : Computer Lab @ St Xavier's College, Jaipur



ST XAVIER'S COLLEGE - JAIPUR

Nevta - Mahapura Road, Jaipur - 302029, Rajasthan, India

Affiliated to the University of Rajasthan

Approved under Section 2(f) & 12(B) of the UGC Act, 1956

Department of Computer Science

2022-23

Ability and Skill Enhancement Course on

DATA VISUALISATION USING PYTHON

Course Instructor



Mr. J Sravana Kumar

Director, Operations

FUTURO FOCUS, CHENNAI




PRINCIPAL
St. Xavier's College, Jaipur
Nevta, Mahapura Road, Jaipur



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A Christian Minority Jesuit Institution



Ref: SXC/ACAD/DCS/2022/ 8216

02 September 2022

NOTICE

The Department of Computer Science is organizing a Ability & Skill Enhancement Certificate Course in association with **Futuro Focus** for students of all streams.

The details of it as under: -

Course	Web App. Development Using DJANGO	Data Visualization using Python
Venue	COMPUTER LAB	COMPUTER LAB
Date	15-09-2022	15-09-2022
Timing	9:00 AM- 12:00 Noon	12:00 Noon - 2:30 PM

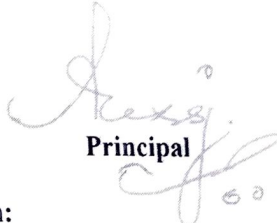
Note:

- **36 hours** of Offline delivery of Course: Live Interactive – Tutor Assisted Hand-On Sessions.
- Adaptive Learning Methodology.
- Doubt Clarification sessions.
- Grade Certificates based on the evaluation of exit test.
- **Fee is 3000 only (2000(Student)+1000 (College))**
- **Registration Link:-** <https://forms.gle/G6ueFGLGFMrE4pfH6>
- **Last date of Registration** is 10-09-2022
- **Payment Details:-**
 - Account Name:- St Xavier's College Jaipur
 - Bank Name: ICICI Bank
 - Bank Address St Xavier's School Campus Vardhman Path C Scheme Jaipur
 - A/C Number:- 678401700908
 - IFSC Code ICIC0006784

For further details please contact: -

Dr Arpita Banerjee - 9829138456 (Program Coordinator)

Ms Keren Daniel - 9462964307 (Head)


Principal

Ref: SXC/ACAD/DSC/2022/8217-8220

Copy forwarded to the following for information and necessary action:

1. Vice-principal, St Xavier's College, Jaipur
2. Heads of all the Departments, St Xavier's College, Jaipur
3. Website Coordinator, St Xavier's College, Jaipur
4. Principal Office, St Xavier's College, Jaipur




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Nevta, Mahapura Road, Jaipur



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COURSE STRUCTURE

Department of Computer Science

Ability and Skill Enhancement Course on

DATA VISUALISATION USING PYTHON

Course Name: Data Visualisation

Course Type: Ability and Skill Enhancement Course

Course Code: BCA/AO/ECCC-22

Course Duration: 40 hours

Target Audience – BCA II and All Streams

Fee: ₹ 3000 + GST

Eligibility criteria

- Compulsory for the students of BCA Part II, Department of Computer Science
- Anyone pursuing UG with an interest in programming.
- Minimum 50% attendance in the respective departments

Date of Commencement – 1 December 2021

Each Week - Monday to Saturday (1:00 PM – 3:00 PM)

Brief Description - Hack- tech is an Information Security and Ethical Hacking Program Designed by the Team of Experts in Cyber Vision & Professionals in Cyber Security World aims to create Cyber Soldiers for India.

Fees: - ₹ 3000

Mode of Fee Payment - Online through UPI

Last date of Registration - 23 October 2021

- It is a 30 days training programme 60-hour course according to the schedule.
- Examination: - Assessment will be based on an exam in which students have to get at least 75% marks.
- Attendance: - At least 75% attendance in the course is compulsory to sit in the exam of this course.
- After completion of the Certificate Course, students will get a certificate for the same.



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Course Objectives: -

Recent surveys have shown an increase of 200% in Cyber Crime within the last three years. Today, Cyber Crime is not just restricted to email hacking, but the claws have extended to SMS & Call Spoofing, Credit Card fraud, Child Pornography, Phishing and Remote Key Logging etc. This would be a founding stone for India to emerge as a Superpower in the times to come.

Ethical and Information Security is the need of the hour. The program would impart knowledge to prepare for a counter-attack. The program will also help to know the network and source of the attack, which enables us to safeguard our data. This course would equip participants to counter the potential attacks. Also, the aim would be to impart know-how of how to make the Internet transactions safe and secure as it is not impossible for hackers to extract your information like a zephyr today, in a fraction of minute.

Course outcome

- Students will acquire the basic skill to understand cyber attack.
- Will be able to know the network and source of the attack.
- Will be able to create a counterattack to safeguard data.
- Will be able to equip themselves for safe and secure internet transactions.




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SYLLABUS

Data Visualization using Python Introduction to Python Fundamentals · Python Overview · Variables, statements, expressions · Python Data Types / Data Structures · Strings and String Manipulation · List, Tuples, Sets, Dictionary and operations · Type Casting (Implicit and Explicit) · Decision Making Statements · Looping Statements · Built in Functions · User Defined Functions · User Defined Modules · Python Modules Fundamental Libraries · Numpy · Pandas

Evaluation & Certificate: Submission of the Final project & 75% attendance compulsory

Certification – Certificate of “Certified Information Security Professional Level 1” by Cyber Crime Awareness & Avenging Security Team will be given to each participant.

Less than 75-50 A

> 75% - outstanding – A+




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St Xavier's College - Jaipur

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(Affiliated to the University of Rajasthan, Jaipur)
(A Christian Minority Jesuit Institution)

MEMORANDUM OF UNDERSTANDING

Between

St Xavier's College, Jaipur

and

Futuro Focus, Chennai
NDS EDUServices, Chennai

Director
FUTURO FOCUS
New No. 3, Old No. 2,
Tanganatha Swamy 1st Street
Lakshimpuram, Chromepet,
Chennai-600 044.
Phonu. 91/68 78831

DIRECTOR
NDS EDUServices
MEDAVAKKAM CHENNAI-600100

Principal
St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

"To create men and women for others"

Nevta - Mahapura Road, Jaipur - 302029, Rajasthan, India Tel: +91 9680791955, 9828726366
Email: info@stxaviersjaipur.org Website: www.stxaviersjaipur.org

MEMORANDUM OF UNDERSTANDING

This non-binding Memorandum of Understanding (MoU)

BETWEEN

St.Xavier's College, Jaipur with a registered address Nevta-Mahapura Road, Nevta Dam, Tehsil Sanganer, Jaipur-302029

AND

Party.1: Futuro Focus, Mr.J Saravanakumar, with a registered address, New No. 3, Old no. 2, Ranganatha Swamy 1st Street, Lakshmi Puram, Chromepet, Chennai - 600044

Party.2: NDS EDUServices, Mrs.A.Mohana Priya, with a registered address, Flat No S1, Plot 1C, Saikrishna Flats, Kamala Kannan street, Sahadevan Salai Rd, Medavakkam, Chennai-600100

SXCJ and Futuro Focus & NDS EDUServices are referred to collectively, as "Parties" or individually as "Party."



Director

FUTURO FOCUS

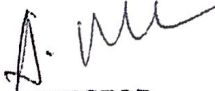
New No. 3, Old No. 2,

Ranganatha Swamy 1st Street

Lakshmi Puram, Chromepet,

Chennai-600044.

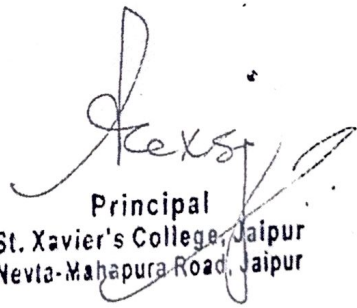
Phone. 31768 76831



DIRECTOR
DIRECTOR

NDS EDUServices
NDS EDUServices

MEDAVAKKAM, CHENNAI-600100



Principal

St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

1. Purpose

Both SXCJ and Futuro Focus, Chennai are united by common interests and objectives, and shall establish channels of communication and co-operation that will promote and advance respective operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities to one another.

The co-operation between SXCJ and Futuro Focus, Chennai will facilitate effective utilization of the intellectual capabilities of the NDS EDUServices providing significant inputs to them in developing suitable teaching/ training systems, keeping in mind the needs of SXCJ.

2. Scope

Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge.

The Futuro Focus, Chennai and NDS EDUServices will give valuable inputs to the SXCJ in teaching/ training methodology so that the students fit into the industrial scenario meaningfully.

The interaction between Futuro Focus, NDS EDUServices and SXCJ will give an insight into the latest developments /requirements of the industries; the Futuro Focus and NDS EDUServices will involve Students of the SXCJ in Course coupled Internship Programme.

The training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career.

The Futuro Focus and NDS EDUServices will train the students of the SXCJ on the emerging technologies to bridge the gap in skill and make them ready for industry.

The Futuro Focus and NDS EDUServices will extend the necessary support to develop soft skills and Report writing to the students of the SXCJ.

The parties will collaborate, cooperate, and interact to achieve the following scope of this MoU.

FUTURO FOCUS
New No. 3, Old No. 2,
Iganatha Swamy 1st Street
kshnipuram, Chromepet,
Chennai-600 044.
Phone: 91766 78631

DIRECTOR
NDS EDUServices
MEDAVAKKAM, CHENNAI-600100

St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur

- Industry ready courses in demand
- Internship Assistance
- Report Writing
- Soft skills

3. Costs

Each Party will be responsible for its own costs in connection with all matters relating to collaborations under this MoU.

4. General Provisions

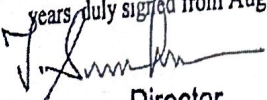
Treatment of intellectual property rights developed through collaborations under this MoU will be determined between the Parties through mutual consultation and separate written agreements on a case-by-case basis.

5. Confidentiality

The parties agree that there is no intention to share any confidential or proprietary information obtained in any collaboration under this MoU. If either Party wishes to disclose information it considers to be confidential or proprietary to the other Party, the Parties will enter a written non-disclosure agreement.

6. Duration of MoU

This MoU may be modified or extended by mutual written agreement by the Parties. This MoU shall become effective upon signature by the authorized officials from the parties and will remain in effect until modified or terminated by any one of the partners by mutual consent. This MoU may be terminated by either party upon THREE (3) months advance written notice. SXCJ and Futuro Focus & NDS EDUServices mutually agreed terms and responsibilities of MoU for 3 years duly signed from August 2021 to July 2024.

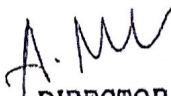


Director

FUTURO FOCUS

New No. 3, Old No. 2,
Ranganatha Swamy 1st Street
Lakshmipuram, Chromepet,
Chennai-600 044.

Phone: 91744 78231



DIRECTOR

NDS EDUServices

MEDAVAKKAM, CHENNAI-600100



Principal

St. Xavier's College, Jaipur
Nevta-Mahapura Road, Jaipur.

In witness thereof, the parties hereto sign this agreement to be executed as on the day, month and the year indicated below:

For and Behalf of

Party 1. Futuro Focus



Signature of Managing Partner

Name J. SARAVANKUMAR Director

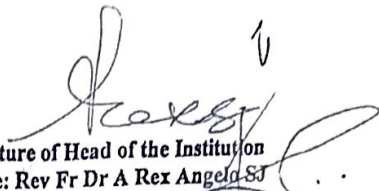
Designation FUTURO FOCUS

Office Seal New No. 3, Old No. 2,
Ranganatha Swamy 1st Street
Lakshmiapuram, Chromepet,
Chennai-600 044.
Phone: 91768 76831

Witness from Organization
Name with Designation and Address

For and Behalf of

St Xavier's College, Jaipur



Signature of Head of the Institution
Name: Rev Fr Dr A Rex Angela SJ

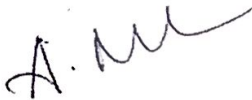
Designation: Principal

Office Seal



Witness from Institution
Name with Designation and Address

Party 2. NDS EDUServices



Signature of Managing Partner

Name Rajesh Kumar A

Designation

Office Seal

DIRECTOR
NDS EDUServices
MEDAVAKKAM, CHENNAI-600100

Witness from Organization
Name with Designation and Address



Pro



J. SARAVANA KUMAR

Director - Operations,
Futuro Focus, Chennai

saravanakumar@futurofocus.in

9176676631

Chennai, Tamilnadu

Professional Summary

20+ Years of proven expertise with software development environments at all phases.
As a Director, Recognized for leadership, with a track record of delivering innovative technology-training models in a fast-paced demanding environment.

Work Experience

- Director of Operations, Futuro Focus, Chennai, for over Four years.
- 10 years as an Associate Professor at Jeppiaar Maamallan Engineering College in Chennai.
- 10 years as a Senior Software Developer at Sathyabama University's R&D Division in Chennai.

Professional Skills

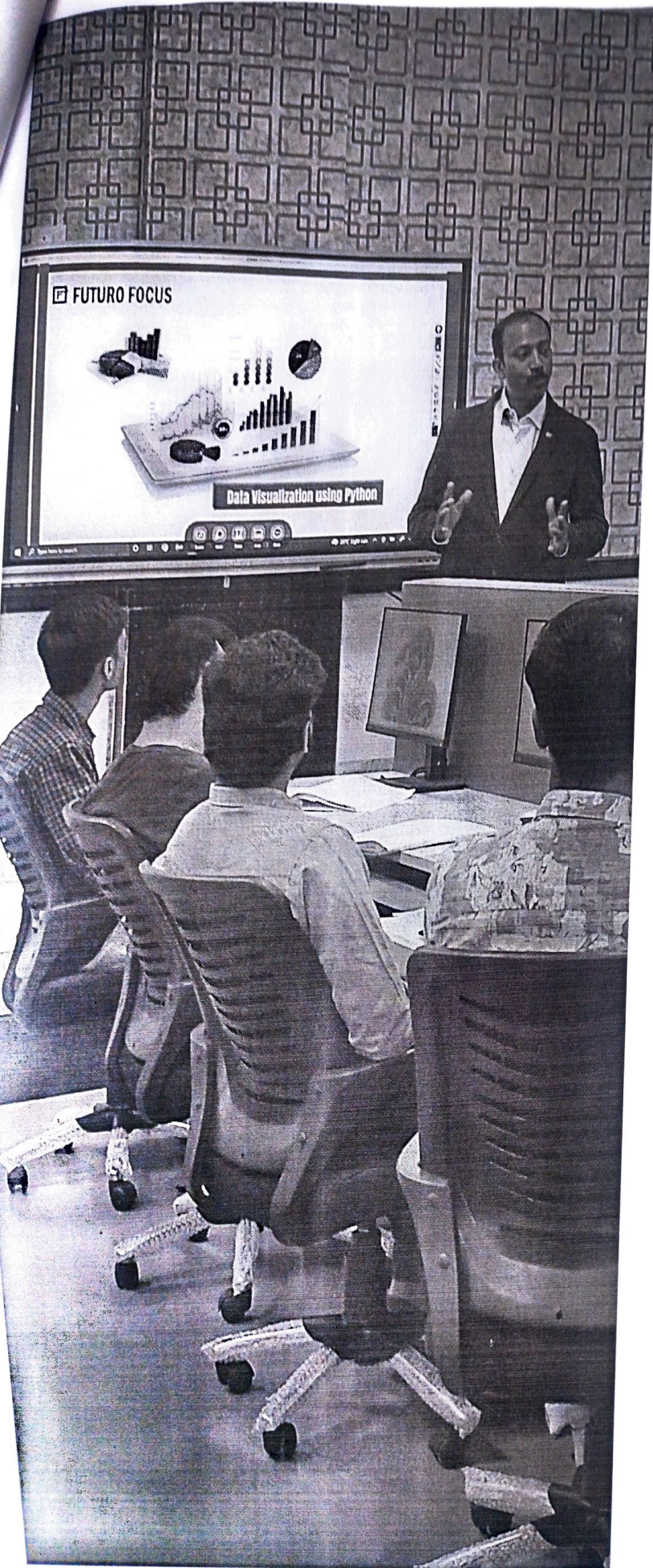
- Corporate Trainer and Academic Consultant.
- Proficient in Planning, Training and Assessing employees at various skill levels.
- Structured delivery of Training models for Corporate Clients as per their Project Requirements.
- Expertise in delivering practical sessions and one-on-one technical mentoring.
- Research and Development on Latest Python Technologies.
- Technology Trainer for Students Abroad in International Universities.

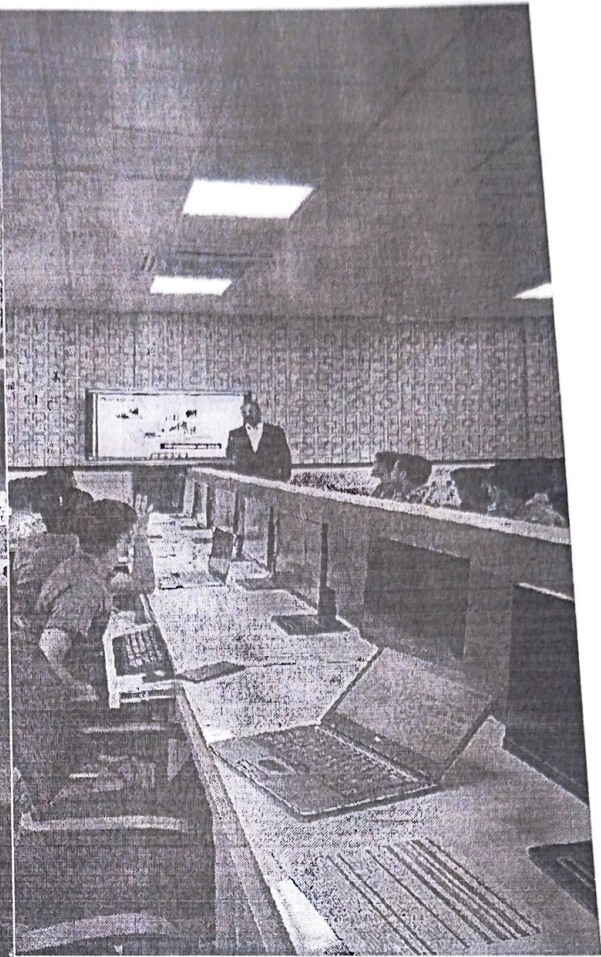
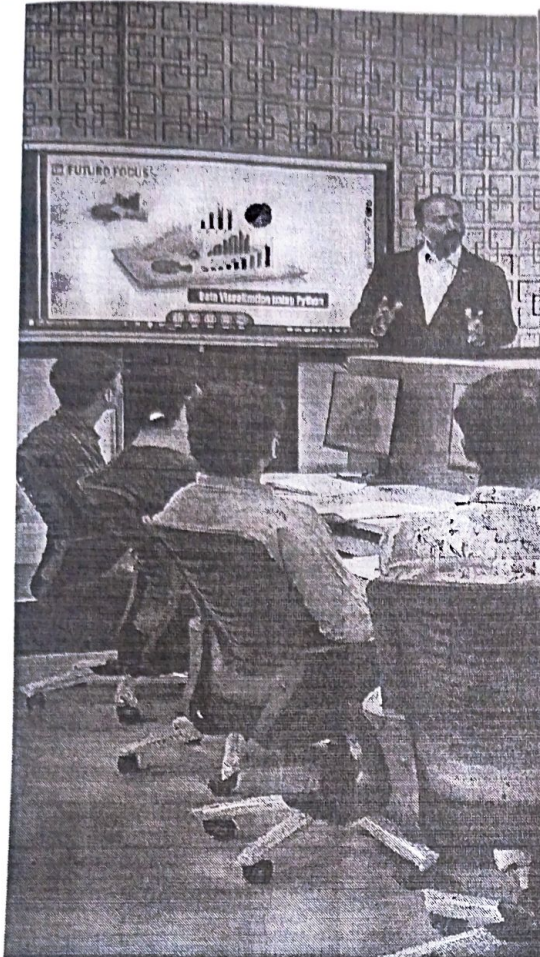
Domain Expertise

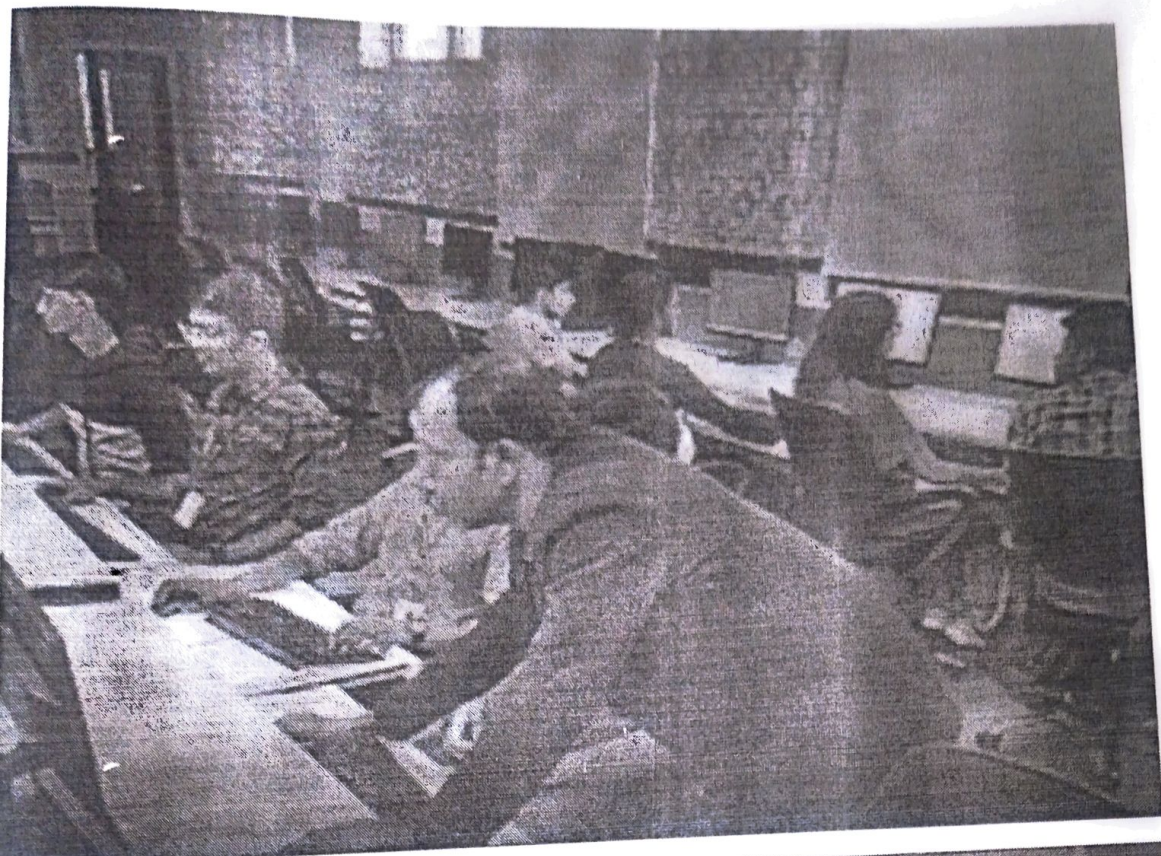
- Python
- Machine Learning
- Artificial Intelligence
- Data Science
- Data Analytics
- C, C++, Java
- Web App Development using Django
- Full Stack Development using Java and Advanced Java Concepts
- Spring Boot
- Mobile Application Development
- SQL



GPS Map Camera









ST. XAVIER'S COLLEGE, JAIPUR
ADD-ON COURSE + INTERNSHIP

Course Name		Web App Development In Django Framework					
Duration		45 days					
S.NO	Student name	E-mail	Mode of payment	Payment date. (DDMMY)	Class	Payment ID	Transaction ID
1	Prerak vaid	prerakvaid@gmail.com	cash	19/09/2021	BCA II	Cash	Cash
2	Jithin Joy	jithinjoy913@gmail.com	paytm	24/09/2021	BCA II	Jithin Joy	126770998797
3	prateek verma	pkv0308@gmail.com	paytm(UPI)	25/09/2021	BCA-I	Dayal Dasa	126909704823
4	Khush Narula	khushnarula01@gmail.com	Paytm (UPI)	27/09/2021	BCA I	Khush Narula	127088288441
5	Divyansh Sharma	divyanshs2022@gmail.com	Paytm (UPI)	30/09/2021	BA Honours Eco I	Divyansh Sharma	127325725394
6	Manveer Slng	manveersinghsidhu15754@gmail.com	paytm	24/09/2021	BCA I	Manveer Singh	126787014600
7	Himanshi Arora	himanshiarora.sa9@gmail.com	Paytm WALET	30/09/2021	BA Honours Eco I	Arora Machinery	36189243529 128204771001/ return id
8	Anshuj Rawat	anshujrawat@gmail.com	Gpay	22/8/2021	BCA I	Anshuj Rawat	12650122597
9	Vishvajeet Singh Mahecha	vishvajeetsingh.mahecha@gmail.com	Paytm	28/8/2021	BCA I	Rupali Goswami	127143784372
10	kavish kumar gaur	kavishgaur1223@gmail.com	paytm	29/09/2021	BCA I	Kavish	127254728859
11	divyesh parashar	divyesh192002@gmail.com	paytm	25/09/2021	BCA II	Divyesh	126802377976
12	Justin thomas	Justinth79@gmail.com	cash	20/09/2021	BCA II	cash	cash
13	Eklavya Sood	eklavyasood@gmail.com	paytm	25/09/2021	BCA III	Eklavya Sood	126814317284
14	Aayush Joshi	aayushjoshi3@gmail.com	paytm wallet	29/09/2021	BCA I	Aayush Joshi	36157059489
15	Ranveer singh rathore	ranveersinghrathoregoela@gmail.com	paytm	25/09/2021	BCA III	Ranveer Singh	127086180744
16	Aakash Tyagi	aakashtyagi067@gmail.com	paytm	05.10.2021	BCOM I	Asha Nanwar	12781886871
17	Devendra Singh Shekhawat	shekhawatdevendrasingh783@gmail.com	paytm	05.10.2021	BCOM I	Nijo Ninan	12781886871
18	Nijo Ninan	nijojosgrt@gmail.com	paytm	05/10/2021	BCA II		127832099987
COORDINATORS		MS KREN LOIS DANIEL	DR ARPITA BANERJEE				

Attendance Sheet

Student name	E-mail	Branch	Class	Present	05.10.20	06.10.20	07.10.20	08.10.20	09.10.20
Aakash Tyagi	aakashtyagi067@gmail.com	BCOM I	19 P	P	P				
Aayush Joshi	aayushjosh3@gmail.com	Honours	19 P	P	P				P
Anshuj Rawat	anshujrawat@gmail.com	BCA I	29 P	P				P	P
Devendra Singh Shekhawat	shekhawatdevendrasingh783@gmail.com	BCOM I	17 P			P		P	
Divyansh Sharma	divyanshs2022@gmail.com	Honours	28 P	P	P	P			P
divyesh parashar	divyesh192002@gmail.com	BCA II	26 P	P	P	P			P
Eklavya Sood	eklavysood@gmail.com	BCA III	34 P			P			P
Jithin Joy	jithinjoy913@gmail.com	BCA II	34 P	P	P	P			P
Justin Thomas	Justinth79@gmail.com	BCA II	36 P					P	P
kavish kumar gaur	kavishgaur1223@gmail.com	BCA I	25	P	P	P		P	P
Khush Narula	khushnarula01@gmail.com	BCA I	26 P	P	P	P			P
Manveer Singh	manveersinghsidhu15754@gmail.com	BCA I	32 P	P	P	P		P	
Miljo Nihari		BCA II	25	P	P	P		P	
Prateek Verma	pkv0308@gmail.com	BCA-I	41 P	P	P	P		P	P
Prerak vaid	prerakvaid@gmail.com	BCA II	34 P	P	P	P		P	P
Ranveer Singh Rathore	ranveersinghrathoregoela@gmail.com	BCA III	28 P	P	P	P		P	P
Shivajeel Singh Mahecha	vishvajeetsingh.mahecha@gmail.com	BCA I	38 P	P	P	P		P	P

ALL

29.11.21	30.11.21	01.12.21	02.12.21	06.12.21	07.12.21	09.12.21
		P				
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ST. XAVIER'S COLLEGE, JAIPUR

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Affiliated to the University of Rajasthan, Approved under Section 2(f) and 12(B) of UGC Act, 1956
A Christian Minority Educational Institution under Section 2(g) of NCFM Act, 2004

FUTURO FOCUS

CERTIFICATE of Completion



This Certificate is awarded to

Jithin Joy

the student of Bachelor of Computer Applications, St. Xavier's College, Jaipur
for successfully completing the Ability & Skill Enhancement Course on
Web Application Development using Python Framework DJANGO
held from 05.09.2022 to 05.10.2022

Grade Awarded :

REV FR DR A REX ANGELO SJ

Principal
St. Xavier's College, Jaipur

MS. KEREN LOIS DANIEL

Department of CS,
Head of the Department
St. Xavier's College, Jaipur

DR. ARPITA BANERJEE

Department of CS,
Co-Ordinator
St. Xavier's College, Jaipur

J. SARAVANAKUMAR

Director
Futuro Focus

REPORT FOR ADD-ON COURSE

The BCA Department at St. Xavier's College runs courses for improving abilities and skills that are based on 36-hour technology training modules.

The Add-on course was led by Sir J. Saravana Kumar, Director-Operations at Fultoro Focus, Chennai.

It provides a better knowledge of the typical academic curriculum in light of current and upcoming industrial requirements.

During training sessions, we highlight and introduce cutting-edge technology to students, assisting them in making informed career and technical domain decisions.

Students are given the chance to carry out in-depth research and learn about the technology of their choice. Through training, students gain knowledge of current business practices and market trends, which also helps them pass interviews and stay current.

These industrial skills certificates will increase their knowledge, expose them to more technical

abilities, give them access to a larger variety of skills, and improve their chances for finding employment. The training modules will be focused on real-world scenarios for discussion and

practice in order to mentor our students in the newest technology and prepare them for the workplace.

1. The Web Application Development using DJANGO course was completed by the students of BCA I, where the course included many important topics such as Python, Fundamental Libraries , Data Science and Data Visualization and Analytical tools

2. The Real Time Applications of Data Science using Python course was completed by the students of BCA II, where the course included important topics such as , HTML , CSS , PYTHON and DJANGO.

We are grateful to the college and the faculty of the Computer Science department to provide us with this opportunity to learn and explore more.

The course was very informative and very helpful for the students of BCA.

Respected Sir,

As per our MOU with the futrofocus and NDS for Web App Development in DJANGO. We have 17 students registered with us. The Total money collected from these students are 42500/- (17 x 2500). The receipts of the same as been given to the students. Kindly grant us permission to transfer the amount

through NEFT to the faculty account

of RS 42500/-

with regards

Daniel

Keren L. Daniel

Co-ordinator Web App Development

Asst. Professor

Dept. of Computer Science

NAME: J. Saravana Kumar
AC/NO: 482896448
BANK: Indian Bank, Sathyabama
University

IFSC: IDIB000S

201

Respected Fr,

As per our MOU with the
futurofocus and NDS for Web App
Development in DJANGO. We have
17 students registered with us. The
Total money collected from these
students are ₹2500/- (17 x 2500). The
receipts of the same as been given
to the students. Kindly grant us
permission to transfer the amount

through NEFT to the faculty account

of ₹2500/-

with regards

Daniel

Keren L. Daniel
Coordinator Web App Development

Asst. Professor

Dept. of Computer Science

NAME: J. Saravana Kumar
AC/NO: 482896448
BANK: Indian Bank, Sathyabama
University
IFSC: IDIB000S

201

12/10/21


ESTIMATE

22/10/21

CSBKN 21295007057

382501-

CEMENT


22/10/21

FUTURO FOCUS

Invoice

PAN Number: BFTPS8317D
Invoice No. : FF/2022-Oct/005

Date: 19.10.2022

Billed To:

St. Xavier's College
Nevta - Mahapura Road, Near Nevta Dam,
Jaipur, Rajasthan 302029

Particulars	No. of Students	Charge per Student	Total
1. Ability and Skill Development Program on "Web Application Development using Django" – 36 Hours	36	Rs. 3000/-	Rs. 1,08,000/-
2. Ability and Skill Development Program on "Data Analytics and Visualization using Python" – 36 Hours			
Total Invoice Amount			Rs. 1,08,000/-

Amount in Words: One Lakh and Eight Thousand Only



Authorized Signatory
J. Saravanakumar

Payment Options: NEFT or RTGS

Account Name : J. Saravanakumar
S/B. Acc. No. : 482896448, IFSC Code : IDIB000S201
Indian Bank, Sathyabama University, Chennai.



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New No. 3, Old no. 2, Ranganatha Swamy 1st Street,
Lakshmi Puram, Chrompet,
Chennai - 600 044

website: www.futurofocus.in

New No. 3, Old no. 2, Ranganatha Swamy 1st Street,
Lakshmipuram, Chromepet, Chennai – 600044
Phone : 9176676631
Email: info@futurofocus.in

Date	13.07.2022
Quotation No.	FF/XAV/0722/005

Customer

St. Xavier's College
Nevta - Mahapura Road,
Near Nevta Dam, Jaipur,
Rajasthan 302029.

S.No.	Course Name	No. of Days	No. of Hours	Cost Per Batch
1	Data Visualization using Python	12 Days FN-3 Hours / Day	36	Rs. 60000/-
2	Web Application Development using Python Web Framework DJANGO	12 Days AN-3 Hours / Day	36	Rs. 60000/-
TOTAL (Inclusive of Transportation Expenses & Taxes)				Rs.1,20,000/-

Maximum Student Count: 40 per batch


Requirements:

1. Computer Lab with internet facility & Projector
2. Food & Accommodation to the trainer

Note:

1. We can offer Advanced Information Technology courses as per your Institution requirements.
2. The Syllabus may be customized dynamically as per your requirements.
3. Technical Assessment will be conducted at the end of programme.
4. Participation certificate will be provided to all the students.
5. Merit certificate will be provided to the Top Scorers.

Assuring you our best services as per your Institutional Requirements.


Authorized Signatory



FUTURO FOCUS

A briefing about us:

We are a team of professionals from (Academics and the IT Industry), we work in tandem creating new courses and mentoring young engineering students in latest technologies.

After extensive research, we have correlated and created our technology training modules, it will give a better understanding of regular academic syllabus with relevance to present and future industrial requirements.

We highlight and introduce futuristic technologies to students during our training sessions, this will help them to choose their career and technical domain wisely.

Our hands-on training modules are utilized by IT Companies to train their fresh recruits, various academic institutions use our hands-on course modules to train their students in a practical way.

All our examples in our training modules, for discussion and practice will be based on real-time scenarios.

Looking forward to mentor your students in latest technologies and make them industry ready.

Duration of the programme: 40 Hours (Online Hands-on)

Course Fee: Rs. 40,000/- + GST (Per Batch)

Data Visualization using Python

Introduction to Python Fundamentals

- Python Overview
- Variables, statements, expressions
- Python Data Types / Data Structures
- Strings and String Manipulation
- List, Tuples, Sets, Dictionary and operations
- Type Casting (Implicit and Explicit)
- Decision Making Statements
- Looping Statements
- Built in Functions
- User Defined Functions
- User Defined Modules
- Python Modules

Fundamental Libraries

- Numpy
- Pandas

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Data Visualization Libraries

- Matplotlib
- Seaborn
- Plotly
- Dash

Introduction to Data Visualization Tools

- Introduction to Data Visualization
- Introduction to Matplotlib
- Basic Plotting with Matplotlib
- Line Plots

Basic and Specialized Visualization Tools

- Area Plots
- Histograms
- Bar Charts
- Pie Charts
- Box Plots
- Scatter Plots

Creating Dashboards with Plotly and Dash

- Dashboarding Overview
- Introduction to Plotly
- Introduction to Dash
- Make dashboards interactive

SNO	Name of The Student	Course	NAME UPPER	Final Grade	MCC(30)	Final Task(30)	Total(50)	Remarks
7	Prateek Verma	DV	PRATEEK VERMA	A+	27	30	57	Completed
8	Sachin Prakash	DV	SACHIN PRAKASH	A+	27	30	57	Completed
10	Sushant Xavier Andrew	DV	SUSHANT XAVIER ANDREW	A+	27	30	57	Completed
3	Jithin Joy	DV	JITHIN JOY	A+	26	30	56	Completed
12	Udbhav Saxena	DV	UDBHAV SAXENA	A+	26	30	56	Completed
14	Vineet Dadheech	DV	VINEET DADHEECH	A+	26	30	56	Completed
11	Thomson punnoose	DV	THOMSON PUNNOOSE	A+	18	30	48	Completed
9	Silus Masih	DV	SILUS MASIH	A+	19	15	34	Visualization partial
2	Andria Paul	DV	ANDRIA PAUL	A+	27		27	Zip File Not Opening
15	Vishwajeet Singh Rathore	DV	VISHWAJEET SINGH RATHORE	A+	14	10	24	Few Completed
1	AARAYAM SHARMA	DV	AARAYAM SHARMA	A	20		20	
13	Vanshika bairathi	DV	VANSHIKA BAIRATHI	A	20		20	
6	Nilay Shrivastava	DV	NILAY SHRIVASTAVA	A+	7	10 17		Few only Completed
4	Kratika Soni	DV	KRATIKA SONI	A+	6	10 16		Few Completed, Same as Nilay
5	NIJO NINAN	DV	NIJO NINAN	A+	5	5		
24	Ebenezer Sebastian	WEB	EBENEZER SEBASTIAN	A+	20	30	50	Home Page + CRUD Done
19	Anupam Simon Masih	WEB	ANUPAM SIMON MASIH	A+	25	20 45		CRUD Done
29	Rohan Koshy Jacob	WEB	ROHAN KOSHY JACOB	A+	24	19	43	Home Page Created, CRUD SAME Code (1)
25	Joel C Thomas	WEB	JOEL C THOMAS	A+	11	30	41	HOME PAGE, CRUD
20	Ayan Qureshi	WEB	AYAN QURESHI	A+	21	18 39		Home Page Created, CRUD SAME Code (1)
21	Ayon Ghosh	WEB	AYON GHOSH	A+	22	15 37		Home Page + CRUD few screens
17	Ananya Mukherjee	WEB	ANANYA MUKHERJEE	A+	21	15	36	CRUD SAME Code (1)
33	Shobhit garg	WEB	SHOBHIT GARG	A+	24	10	34	Home Page Created
23	Diksha Bhambhani	WEB	DIKSHA BHAMBHANI	A+	23	9	32	Home Page Completed
31	Sameep rungt	WEB	SAMEEP RUNGTA	A+	23	9	32	Home Page Created, mirrored from a site
27	Pranav Pandya	WEB	PRANAV PANDYA	A+	24	2	26	Incomplete File
32	Sheron S GEORGE	WEB	SHERON S GEORGE	A+	8	18	26	Home Page Created, CRUD SAME Code (1)
35	TANISHQ SHARMA	WEB	TANISHQ SHARMA	A	16	10	26	Home Page
28	Ritik Kumar yadav	WEB	RITIK KUMAR YADAV	A	24		24	
22	Bhawna Yadav	WEB	BHAWNA YADAV	A+	23	9	32	Home Page
26	Lokendra Singh Shekhawat	WEB	LOKENDRA SINGH SHEKHAWAT	A	23		23	
18	Andria Paul	WEB	ANDRIA PAUL	A+	20	2	22	SAME AS ANRIA JOEL, Incomplete File, 1 hint no other relevant files
30	Sahil tohani	WEB	SAHIL TOLANI	A+	15	2	17	Home Page very few lines of Code
34	Silus Masih	WEB	SILUS MASIH	A+	17		17	
16	Aasheesh Daniel Joseph	WEB	AASHEESH DANIEL JOSEPH	A			0	

Timestamp	Email Address	Class	Level of	Contribution to	Contribution to	Contribution to	Contribution to learning	Skill and
7/14/2023 16:42:15	eklavyasood@gmail.co	BCA 3	Satisfactory	Fair	Very good	Satisfactory	Very good	Agree
7/14/2023 16:46:20	njoajosgtr@gmail.com	BCA 3	Very good	Fair	Excellent	Fair	Very good	Strongly agree
7/14/2023 16:46:37	Justinth79@gmail.com	BCA 3	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly agree
7/14/2023 19:10:09	jithinjoy913@gmail.com	BCA 3	Excellent	Fair	Excellent	Excellent	Excellent	Strongly agree
7/20/2023 11:49:24	ayon2506@gmail.com	BCA 1	Excellent	Excellent	Excellent	Excellent	Excellent	Strongly agree
7/20/2023 12:02:15	mukherjeeananya3189	BCA 1	Excellent	Excellent	Very good	Very good	Excellent	Strongly agree
7/20/2023 12:48:40	anupammasih288@gm	BCA 1	Excellent	Excellent	Very good	Excellent	Very good	Strongly agree
7/20/2023 12:48:44	tanishq9314@gmail.co	BCA 1	Fair	Excellent	Very good	Very good	Excellent	Strongly agree
7/20/2023 12:49:00	sunubijjuoel1393@gmai	BCA 1	Satisfactory	Excellent	Very good	Excellent	Very good	Agree
7/20/2023 12:49:57	shobhitgarg643@gmail.	BCA 1	Very good	Very good	Excellent	Excellent	Excellent	Agree
7/20/2023 12:50:12	dikshabhambhani13@g	BCA 1	Very good	Very good	Satisfactory	Very good	Very good	Agree
7/20/2023 12:50:55	sebastian.ebenezer74@	BCA 1	Very good	Fair	Very good	Satisfactory	Excellent	Strongly agree
7/20/2023 12:53:08	andriapaul2004@gmail.	BCA 1	Very good	Poor	Satisfactory	Very good	Very good	Strongly agree
7/20/2023 12:54:48	sheronageorge44@gmail	BCA 2	Very good	Satisfactory	Satisfactory	Very good	Very good	Strongly agree
7/22/2023 8:49:02	aarayam.sharma01@g	BCA 1	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Neutral
7/26/2023 14:18:02	ayan.qureshi111102@g	BCA 3	Very good	Very good	Very good	Very good	Very good	Strongly agree
7/26/2023 14:18:10	aasheeshdaniel@gmail.	BCA 3	Fair	Excellent	Excellent	Excellent	Excellent	Strongly agree
7/26/2023 14:24:02	pranavpandya4@gmail.	BCA 1	Very good	Fair	Very good	Excellent	Excellent	Agree
7/26/2023 14:29:55	hy518566@gmail.com	BCA 1	Satisfactory	Satisfactory	Very good	Satisfactory	Very good	Agree
7/26/2023 14:33:15	theshakti18@gmail.com	BCA 2	Satisfactory	Fair	Very good	Satisfactory	Very good	Agree
7/26/2023 14:38:11	rohankoshyacob@gmai	BCA 1	Very good	Very good	Fair	Fair	Fair	Agree
7/26/2023 16:37:38	sahitolani71@gmail.com	BCA 1	Satisfactory	Satisfactory	Excellent	Satisfactory	Excellent	Agree

Course content [Course]	Course content [Course]	What aspects of this course	How would you	Why did you
Agree	Strongly agree	The interactive nature of	more comprehensive	Interest on
Agree	Neutral	Basics of DJANGO,	-NIL-	Useful
Strongly agree	Strongly agree	*	*	Useful
Strongly agree	Strongly agree			Useful
Strongly agree	Strongly agree	All aspects were very helpful	No improvements	Useful
Neutral	Strongly agree	Html and vs code learning	By increasing the time	Useful
Strongly agree	Agree	Web development	Introducing cyber	Useful
Agree	Agree	Notes and presentation	Little Use of Hindi	Interest on
Strongly agree	Strongly agree	Learning python	Should be what must	Useful
Strongly agree	Neutral	Web development	Data science	Interest on
Strongly agree	Strongly agree	The form making through	More time needed to it	Interest on
Agree	Agree	Everything	NIL	Useful
Agree	Agree			Useful
Agree	Agree	Nothing	Nothing	Interest on
Agree	Agree	Learning new things	practice	Needed a
Agree	Agree	The time we got was little but	I would focus on more	Interest on
Strongly agree	Strongly agree	Learning and applying python	This course was	Useful
Agree	Agree	Instructor helps whenever	I would like to	Interest on
Agree	Agree	Webpage design	Adding new function	Useful
Agree	Agree	Web development	It is already up to date	Useful
Agree	Agree	Everything	No improvement	Needed a

Strongly agree The HTML part was most usef By practicing more abo Needed a Certificate

St Xavier's College, Jaipur

Name	Email address	got the information about this event?	hours did you spend on an average in	How well-organised was the event?	helpful were the organisers ?	satisfied are you with the overall quality (Content) of addition	responsiveness of the resource person	responsiveness of the resource person	responsiveness of the resource person	What was your biggest takeaway from the session? (Education)	Any suggestions for the organisers?
Prateek Verma	Pk0308@gmail.com	College Notice	1-2 hours	Organised	Excellent	Very Helpful	Excellent	Strongly agree	Strongly agree	project learning about django and its importance in future studies and the skill we learned about the processing that happens	NA good message or teaching and I also liked how you clear we there is no suggestions for anything I would have wished that the course had more time spent on
Jualin Thomas	kaviyanga@gmail.com	WhatsApp	2-3 hours	Organised	Excellent	Very Helpful	Excellent	Strongly agree	Strongly agree		
Kavish Kumar Gaur	223@gmail.com	College Notice	1-2 hours	Organised	Excellent	Very Helpful	Excellent	Strongly disagree	Strongly disagree		
Khushi Narula	01@gmail.com	College Notice	1-2 hours	Organised	Very Good	Helpful	Good	Agree	Agree		
Manveer Singh Rathore	hrathorejodha@gmail.com	College Notice	1-2 hours	Organised	Very Good	Very Helpful	Excellent	Agree	Agree		
Manveer Singh	3@gmail.com	College Notice	1-2 hours	Organised	Very Good	Helpful	Very Good	Agree	Agree		
Anahuj Rawat	anshujrawat@gmail.com	College Notice	1-2 hours	Very Organised	Very Good	Helpful	Excellent	Strongly agree	Strongly agree		
Manveer Singh	ghaidhu157@gmail.com	College Notice	1-2 hours	Very Organised	Excellent	Very Helpful	Very Good	Strongly agree	Strongly agree		
NIJO NINAN	nijojpsgr@gmail.com	WhatsApp	2-3 hours	Very Organised	Excellent	Helpful	Very Good	Strongly agree	Strongly agree		
JITHIN JOY	jithinjoy13@gmail.com	WhatsApp	1-2 hours	Very Organised	Excellent	Very Helpful	Very Good	Strongly agree	Strongly agree		

Timestamp	Email Address	Class name	Level of effort [Level of effort]	Contribution to learning [Contribution to learning]	Contribution to learning [Contribution to learning]
9/15/2023 20:41:22	yanakanwar01@gmail.com	BCA 2	Very good	Excellent	Excellent
9/15/2023 20:44:00	jatinkumar258684@gmail.com	BCA 2	Very good	Very good	Very good
9/15/2023 20:50:18	udbhav445@gmail.com	BCA 2	Excellent	Excellent	Excellent
9/15/2023 20:53:06	sebastian.ebenezer74@gmail.com	BCA 2	Excellent	Satisfactory	Excellent
9/15/2023 20:58:29	sunubijjoel1393@gmail.com	BCA 2	Very good	Satisfactory	Satisfactory
9/15/2023 21:20:45	rudrakshdosi07@gmail.com	BCA 2	Very good	Fair	Very good
9/15/2023 23:32:59	shreyasharma112003@gmail.com	BCA 2	Excellent	Excellent	Excellent
9/16/2023 0:30:21	ayon2506@gmail.com	BCA 2	Excellent	Excellent	Excellent
9/16/2023 5:51:29	sonisaloni073@gmail.com	BCA 2	Very good	Very good	Very good
9/16/2023 9:40:38	mukherjeeananya3189@gmail.com	BCA 2	Excellent	Excellent	Excellent
9/16/2023 9:56:22	krishnanebhnani40@gmail.com	BCA 2	Satisfactory	Satisfactory	Satisfactory
9/16/2023 10:38:20	vshine67@gmail.com	BCA 2	Excellent	Fair	Very good
9/16/2023 11:02:42	tanishq9314@gmail.com	BCA 2	Satisfactory	Very good	Excellent
9/16/2023 12:26:34	lakshitarathore25@gmail.com	BCA 2	Very good	Fair	Very good
9/16/2023 14:19:13	dikshabhambhani13@gmail.com	BCA 2	Very good	Satisfactory	Fair
9/20/2023 12:49:03	kartikbaulia@gmail.com	BCA 2	Satisfactory	Satisfactory	Satisfactory
9/20/2023 12:49:05	priyasoneja@gmail.com	BCA 2	Excellent	Excellent	Excellent
9/20/2023 12:49:49	rkravikantiyadav4455@gmail.com	BCA 2	Satisfactory	Very good	Very good

Contribution to learning [I]	Contribution to learning [I]	Skill and responsiveness	Skill and responsiveness	Skill and responsiveness	Skill and responsiveness
Excellent	Excellent	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Very good	Satisfactory	Agree	Agree	Agree	Agree
Excellent	Excellent	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Satisfactory	Excellent	Strongly agree	Strongly agree	Agree	Strongly agree
Satisfactory	Satisfactory	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Satisfactory	Very good	Agree	Agree	Agree	Strongly agree
Excellent	Excellent	Strongly agree	Strongly agree	Strongly agree	Agree
Excellent	Excellent	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Very good	Very good	Agree	Agree	Agree	Agree
Excellent	Excellent	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Fair	Satisfactory	Agree	Agree	Agree	Agree
Very good	Excellent	Strongly agree	Strongly agree	Agree	Strongly agree
Very good	Excellent	Agree	Agree	Agree	Agree
Very good	Very good	Strongly agree	Strongly agree	Strongly agree	Neutral
Satisfactory	Satisfactory	Strongly agree	Agree	Agree	Strongly agree
Satisfactory	Satisfactory	Agree	Agree	Agree	Agree
Excellent	Excellent	Agree	Agree	Agree	Agree
Very good	Very good	Agree	Agree	Agree	Agree

Skill and responsiveness	Skill and responsiveness	Course content [Learning]	Course content [Course]	Course content [Course]	Course content [Course]
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Agree	Agree	Agree	Agree	Agree	Agree
Strongly agree	Strongly agree	Neutral	Strongly agree	Agree	Strongly agree
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Agree	Strongly agree
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Neutral
Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Strongly agree	Strongly agree	Strongly agree	Agree	Agree	Agree
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Strongly agree	Strongly agree	Agree	Agree	Agree	Agree
Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Strongly agree	Strongly agree	Agree	Agree	Agree	Agree
Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Strongly agree	Strongly agree	Neutral	Agree	Agree	Agree
Strongly agree	Strongly agree	Agree	Strongly agree	Strongly agree	Strongly agree
Neutral	Neutral	Agree	Strongly agree	Strongly agree	Strongly agree
Strongly agree	Strongly agree	Agree	Strongly agree	Strongly agree	Strongly agree
Agree	Agree	Strongly agree	Strongly agree	Strongly agree	Strongly agree
Agree	Agree	Agree	Agree	Agree	Agree
Agree	Agree	Agree	Agree	Agree	Agree
Agree	Agree	Agree	Agree	Agree	Agree

What aspects of this course would you improve?	How would you improve it?	Why did you choose this course?
Problems related to python	Increasing the course duration	Interest on
Useful	By practicing codes daily	Useful
In this Course of Data Science		Useful
Clear objectives and goals	No	Useful
He was not just only focus should be little longer		Interest on
Data Visualization, Data Interaction	Advanced Topics, Interaction	Interest on
I learnt Pandas for the first time	I would say that sir should	Useful
Real World Examples	Nothing	Interest on
Using of python language	By studying and practical	Needed a Certificate
All aspects were important	By adding more days to it	Interest on
You can use it for both server	Continue Coding consistently	Time offered
Interaction with sir	By extending the days of	Interest on
Explanation	More use of Hindi language	Needed a Certificate
Concepts of python	Better Organised course	Useful
Every aspect.	Nothing to add	Useful
Data types	Practicing more	Useful
Teaching and doubt solving	It was all good	Useful
Concepts of data science	Nil	Useful