

# कौशल्य

# प्रज्ञा...



**KAUSHALYA PRAGYAA**

**BLOOMING POTENTIAL, ONE SPARK AT A TIME...**



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# Python for Data Science, AI & Development

## What Students will Learn?

1. Describe Python Basics including Data Types, Expressions, Variables, and Data Structures.
2. Apply Python programming logic using Branching, Loops, Functions, Objects & Classes.
3. Demonstrate proficiency in using Python libraries such as Pandas, Numpy, and Beautiful Soup.
4. Access web data using APIs and web scraping from Python in Jupyter Notebooks.

## What Skills Students will gain?

1. Data Science
2. Data Analysis
3. Python Programming
4. Numpy
5. Pandas etc.

Python is one of the most popular languages in the programming and data science world and demand for individuals who have the ability to apply Python has never been higher.

This introduction to Python Workshop will be conducted in a..

... way that it will take the Students from zero to hero in programming in Python in a matter of hours with no prior programming experience. They will learn about Python basics and the different data types. They will familiarize themselves with Python Data structures like List and Tuples, as well as logic concepts like conditions and branching. They will be able to use Python libraries such as Pandas, Numpy & Beautiful Soup. They will also use Python to perform tasks such as data collection and web scraping with APIs via this Workshop.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 12 Hours (2 Days)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Entrepreneurship & Business Model Innovation

## What Students will Learn?

1. Define what a business model is and why it enables you to approach innovation and strategy from a completely different angle
2. Understand the 3 components of the business model and how they are linked
3. Analyze existing business models, create new ones or adapt existing ones using the Various approaches.

## What Skills Students will gain?

1. Strategic Management
2. Entrepreneurship Development
3. Business Model
4. Business Modeling
5. Business Strategy etc.

Innovation goes beyond technology, products and processes. The new competitive landscape requires more holistic and strategic perspective, based on concept of business models.

This Workshop will offer a practical and highly effective framework and toolbox to create,

... invent or reinvent business models in a very disciplined way, and will prove to be a very valuable methodology for start-up entrepreneurs, business unit managers and intrapreneurs alike.

## Important Topics:

1. Cost Leadership
2. Differentiation
3. Innovation
4. Customer Segmentation
5. Market Expansion
6. Diversification
7. Vertical Integration
8. Horizontal Integration
9. Franchising
10. Ecosystems
11. Subscription Models
12. Razor and Blade Model
13. Freemium Model
14. Sharing Economy

## What you will get additionally?

- Certificate of Course Completion (Online + Offline Physical Copy)

## Workshop Details:

- Duration: 6 Hours (1 Day)
- Dates: Not yet Decided
- Fees: Not yet Decided
- Batch Size: Max. 50 seats

# Designing User Interfaces and Experiences (UI/UX)

## What Students will Learn?

1. Explain design, UI/UX concepts, best practices of visual development, and the key duties and responsibilities of a UI/UX designer.
2. Examine web design methodologies like Responsive Web Design (RWD), and Progressive Web Development.
3. Develop applications and websites with web development frameworks, like Bootstrap.

## What Skills Students will gain?

1. Website Wireframe
2. User Interface design (UI Design)
3. Progressive Web Development
4. User Experience (UX) etc.

UI and UX design is a thriving industry with numerous prospects for anyone with the right skills. This Workshop is designed for those who are interested in starting a career in designing UI and UX experiences

After the successful Completion of this Workshop, Students will get a basic understanding of User Interface (UI) and User Experience (UX) design as well as website wireframes. They will be familiar with the different kinds of layouts and tools used for visual design in various devices.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 12 Hours (2 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Introduction to Digital Marketing

## What you will Learn?

1. Gain a comprehensive understanding of the new digital marketing environment, covering topics such as digital marketing analytics, search engine optimization, and social media marketing.
2. Acquire practical skills and tools to digitally create, distribute, promote, and price products and services in the contemporary market, leveraging concepts learned in areas such as SEO, and social media marketing.

## What Skills you will gain?

1. Brand Communication
2. Social Media Marketing
3. Content Marketing
4. Marketing Performance Measurement And Management.
5. search marketing

This Workshop explores several aspects of the new digital marketing environment, including topics such as digital marketing analytics, search engine...

... optimization, social media marketing. When will Students complete the Digital Marketing Workshop they will have a richer understanding of the foundations of the new digital marketing landscape and acquire a new set of stories, concepts, and tools to help them digitally create, distribute, promote and price products and services.

## What you will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 6 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Introduction to Android Mobile Application Development

## What Students will Learn?

1. Define the Fundamental concepts of Android app development
2. Set up and explore the Android Studio interface, configurations and built-in tools
3. Use Kotlin Playground
4. Create a simple Android app

## What Skills Students will gain?

1. Android Studio
2. Application development
3. Mobile Development.

This Workshop is an ideal stepping stone if someone want to become a mobile developer. This Workshop will introduce them to this career path and give them a high-level overview of programming and the tools needed to develop Android applications.

They will explore the Android Studio and the fundamental concepts of Android app development. They will also Learn about operating systems and different platforms for...

... creating mobile apps. They will conclude their introduction to Android application development by building out each aspect of a guided project.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 8 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Introduction to Aurdino & Microcontrollers

## What Students will Learn?

1. How to write code for the Arduino.
2. All of the necessary concepts to code proficiently.
3. How to use and write code to read data from sensors.
4. How to build electronic circuits on a breadboard.
5. How to bring your interactive creations to life.
6. The necessary skills and knowledge to design and build your own Arduino projects from scratch.

## What Skills Students will gain?

1. Aurdino Programming
2. Interfacing of Aurdino with Various Sensors and LCD.
3. Project Development.
4. Introduction to Robotics & Automation etc.

This workshop is designed mainly for engineering Students. This Workshop will take them from zero coding and circuit-building experience to a confident creator. They will be able to explore the capabilities of Arduino, learn essential C ...

... programming skills, and dive into carefully crafted hands-on projects. By the end, they will have the skills to design and code their own projects.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 6 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats



# Introduction to Ethical Hacking & Cybersecurity

## What Students will Learn?

1. **Ethical Hacking Techniques:** Learn advanced skills in penetration testing, vulnerability assessment, and cyber defense.
2. **Secure Networks and Applications:** Explore robust strategies to protect systems from cyber attacks.
3. **Real-World Application:** Apply ethical hacking knowledge in practical scenarios, solving cybersecurity challenges
4. **Expertise in Web Application Security:** Understand and mitigate web vulnerabilities, ensuring secure coding practices and effective countermeasures.
5. **Mobile and IoT Security:** Gain insights into securing mobile apps and IoT devices.

## What Skills Students will gain?

1. Ethical Hacking Proficiency
2. Penetration Testing
3. Vulnerability Assessment
4. Tool Configuration
5. Risk Mitigation
6. Attack Vector Understanding
7. Cybersecurity Contribution

This Workshop will cover a wide array of topics, from the fundamental principles of ethical hacking to advanced techniques in penetration testing and vulnerability assessment.

In the workshop, they will grasp the essential concepts of ethical hacking and understand its significance in the world of cybersecurity. They will dive into the setup of hacking labs, learning to install and configure various tools.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 8 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Introduction to Blockchain & Fintech Applications

## What Students will Learn?

1. Implement automated transaction processing systems and generate real-time financial reports using fintech tools.
2. Ensure data accuracy, security, and regulatory compliance when automating financial transactions.
3. Evaluate the impact of fintech innovations on compliance, assess potential risks, and develop strategies for compliance maintenance.
4. Foster a future-oriented mindset, explore emerging fintech technologies, and design adaptable accounting practices.
5. Assess the scalability and sustainability of fintech-driven accounting solutions to stay competitive in evolving financial landscapes.

## What Skills Students will gain?

1. Automated Transaction Processing
2. Real-Time Financial Reporting
3. Blockchain
4. Fintech etc.

In this Workshop, Students will dive into the world of FinTech and its revolutionary impact on accounting. They will Explore key concepts shaping traditional practices, From blockchain's role in cryptocurrency to RPA's efficiency, big data analytics, cybersecurity essentials, and diverse FinTech applications—this journey navigates the evolving landscape. They will Delve into regulatory compliance, apply concepts through practical case studies, and anticipate future trends. Welcome to the FinTech-driven future of accounting!

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 6 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats

# Data Structures & Algorithms using C and C++

## What Students will Learn?

1. Learn various Popular Data Structures and their Algorithms.
2. Develop your Analytical skills on Data Structure and use them efficiently.
3. Learn Recursive Algorithms on Data Structures
4. Learn about various Sorting Algorithms
5. Implementation of Data Structures using C and C++

## What Skills Students will gain?

1. DSA
2. C/C++ Programming
3. Problem-solving
4. Analytical
5. Recursion
6. Arrays Representation
7. Array ADT
8. Linked List
9. Stack
10. Queues
11. Trees
12. Binary Search Tree
13. AVL Trees
14. Graphs
15. Hashing Technique

Data Structures and Algorithms are the foundation of the IT sector, facilitating efficient data management and problem-solving in software development. This workshop offers a concise yet comprehensive overview, emphasizing the critical role these concepts play in designing scalable and high-performance solutions. Participants will gain practical insights, enhancing their ability to tackle complex challenges in the rapidly evolving field of technology.

## What Students will get additionally?

1. Certificate of Course Completion (Online + Offline Physical Copy)
2. Latest Skillset required in the Job Market.

## Workshop Details:

1. Duration: 12 Hours (1 Day)
2. Dates: Not yet Decided
3. Fees: Not yet Decided
4. Batch Size: Max. 50 seats