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45 DAYS

DAILY 3 HRS

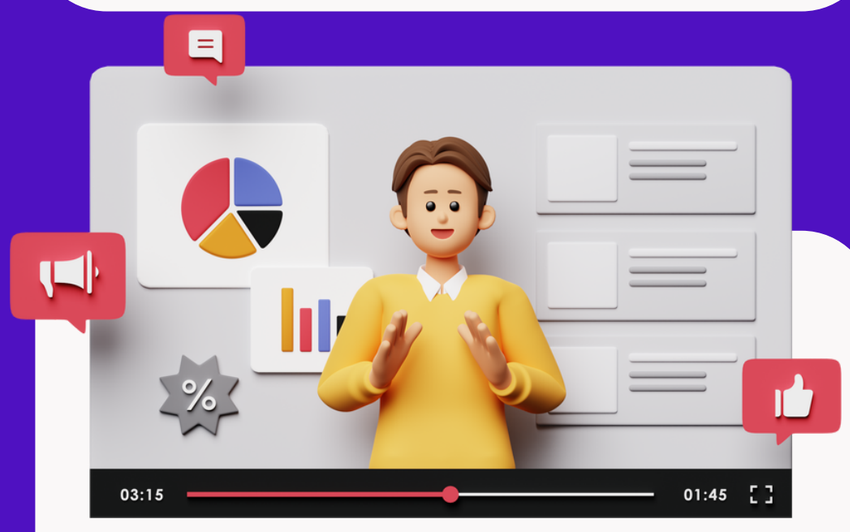
ONLINE LIVE

20-APR BATCH

₹ FEE 9999/-

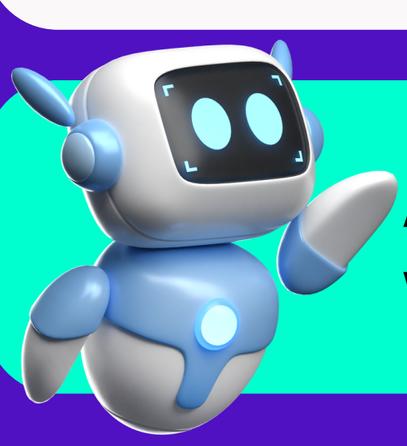
No-Code Website Building 01

FLutter Andriod & IOS App Developement 02



Digital Marketing / SEO / Canva 03

Cyber Security Fundamentals 04



Artificial Intelligence with Python 05

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Module	Start Date	End Date
FLutter Andriod & IOS App Developement (7 -8 Weeks)	**20-Apr-2024**	**14-Jun-2024**
Digital Marketing / SEO / Canva (3 Weeks)	**20-Apr-2024**	**10-May-2024**
No-Code Website Building (1 Week)	**13-May-2024**	**17-May-2024**
Artificial Intelligence with Python (3 Weeks)	**20-May-2024**	**07-Jun-2024**
Cyber Security Fundamentals (1 week)	**10-Jun-2024**	**14-Jun-2024**

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Batch start date:
20-Apr-2024
Classes Timings:
08:30 AM to 12:00PM IST
(Monday to Friday)

No-Code Website Building 01

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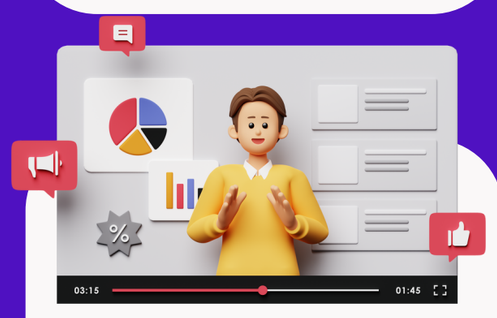

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01 **COURSE CONTENT** **NO-CODE WEBSITE BUILDING** **ONE WEEK**

Day 1: Introduction to Dorik	- Overview of Dorik as a no-code website building platform. - Introduction to the Dorik interface and its key features. - Understanding the concept of blocks and sections in Dorik.
Day 2: Exploring Dorik Blocks	- Deep dive into different types of blocks available in Dorik (e.g., text, image, video, gallery). - Understanding how to add, customize, and rearrange blocks to create engaging web pages.
Day 3: Designing with Dorik	- Learning about design options in Dorik, such as fonts, colors, and spacing. - Exploring advanced design features like animations and effects. - Applying design principles to create visually appealing websites.
Day 4: Responsive Design in Dorik	- Understanding the importance of responsive design for websites. - Exploring how Dorik handles responsiveness and breakpoints. - Optimizing layouts for different screen sizes and devices.
Day 5: Advanced Features and Final Project Kick-off	- Exploring advanced features in Dorik, such as integrations, forms, and e-commerce. - Discussing project ideas for the final website project. - Providing guidelines and tips for planning and executing the final project.

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02

COURSE CONTENT

FLUTTER ANDRIOD & IOS APP DEVELOPEMENT

SEVEN WEEKS

Day 1-5: Introduction to Flutter and Dart Programming	- Day 1: Introduction to Flutter and its ecosystem. - Day 2: Setting up Flutter environment and project creation. - Day 3: Running a first Flutter app. - Day 4: Understanding Material Design in Flutter. - Day 5: Introduction to Dart Programming, main() function, variables, and data types.
Day 6-10: Dart Functions and Object-Oriented Programming (OOP)	- Day 6: Dart functions, function structure, and creating functions. - Day 7: Function return data types, void functions, function returning expressions, and variable scope. - Day 8: Introduction to Object-Oriented Programming (OOP), objects, classes, and creating classes. - Day 9: Adding methods to classes, providing constructors, getters, and setters. - Day 10: Class inheritance, abstract class, and Dart project structure.
Day 11-15: Introduction to Flutter Development	- Day 11: Understanding Flutter framework and its architecture. - Day 12: Android Studio setup, Flutter SDK installation, and creating a new Flutter project. - Day 13: Setting up an Android Virtual Device and running a Flutter app. - Day 14: Installing Flutter on Mac, testing Flutter app on iOS with Windows OS. - Day 15: Running Flutter app on a hardware device and debugging with emulator debug mode.
Day 16-20: Flutter Widgets Fundamentals and Widgets	- Day 16: Introduction to Flutter widgets and MaterialApp widget. - Day 17: Scaffold, Image, and Container widgets. - Day 18: Column, Row, and Icon widgets. - Day 19: Layouts in Flutter and Card widget. - Day 20: App icons for iOS and Android apps, hot reload, and hot restart.

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02 COURSE CONTENT

FLUTTER ANDRIOD & IOS APP DEVELOPEMENT

SEVEN WEEKS

Day 21-25: Flutter Widgets Continued and Material Design Part 1	- Day 21: Button, FloatingActionButton, and RaisedButton widgets. - Day 22: FlatButton, IconButton, DropdownButton, and OutlineButton widgets. - Day 23: ButtonBar, PopupMenuButton, InkWell, and app structure and navigation. - Day 24: Navigation to a new screen and back, navigate with named routes. - Day 25: Sending and returning data among screens, animating a widget across screens.
Day 26-30: Material Design Part 2 and Networking in Flutter	- Day 26: WebView widget in Flutter and introduction to Material Design Part 1. - Day 27: BottomNavigationBar, DefaultTabController, TabBar, and TabBarView widgets. - Day 28: ListTile, little, and ListView widgets. - Day 29: Drawer, DataTable, SelectableText, and Stack widgets. - Day 30: Input and selections, TextField, Checkbox Group, RadioButtonGroup, and Date Picker widgets.
Day 31-35: Material Design Part 2 Continued and Networking in Flutter	- Day 31: Time Picker, Slider, and Switch widgets. - Day 32: Dialogs, Alerts, Panels, and AlertDialog widgets. - Day 33: CupertinoAlertDialog, BottomSheet, and Modal BottomSheet widgets. - Day 34: Persistent BottomSheet, ExpansionPanel, and SnackBar widgets. - Day 35: Introduction to networking in Flutter, HTTP requests, and JSON handling.
Day 36-40: Networking in Flutter	- Day 36: Adding http package to the project and setting up the network class. - Day 37: Fetching JSON data and using FutureBuilder widget. - Day 38: Finalizing JSON fetching and FutureBuilder. - Day 39: Plain Old Dart Object (PODO) and mapping JSON - Introduction setup. - Day 40: PODO - Creating a PostList class and mapping JSON.

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03 **COURSE CONTENT**

DIGITAL MARKETING / SEO / CANVA

THREE WEEKS

Week 1: Digital Marketing Fundamentals and Canva Designing	Day 1: Introduction to Digital Marketing Overview of digital marketing landscape Importance and benefits of digital marketing Key concepts and terminologies Day 2: Understanding Your Audience Identifying target audience demographics Conducting market research and competitor analysis Creating buyer personas Day 3: Search Engine Optimization (SEO) Basics Understanding search engines and their algorithms On-page optimization techniques (keywords, meta tags, etc.) Off-page optimization strategies (backlinking, guest posting, etc.) Day 4: Content Marketing Strategy Importance of content marketing in digital strategy Creating engaging and relevant content Content distribution channels (blogs, social media, email marketing) Day 5: Canva Designing Basics Introduction to Canva and its features Design principles and best practices Creating graphics for social media, websites, and advertisements

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03 **COURSE CONTENT**

DIGITAL MARKETING / SEO / CANVA

THREE WEEKS

Week 2: Advanced Digital Marketing Strategies	Day 6: Social Media Marketing Overview of major social media platforms Developing a social media marketing plan Content creation and scheduling tools Day 7: Email Marketing Building an email list and segmentation Crafting effective email campaigns Email automation tools and strategies Day 8: Pay-Per-Click (PPC) Advertising Introduction to PPC advertising (Google Ads, Facebook Ads) Setting up and optimizing ad campaigns Budgeting and tracking ROI Day 9: Project Work and Review Allocate time for students to work on a mini-project applying concepts learned so far Review and reinforce key learnings from the first week Day 10: Project Work and Review Continue project work Review and reinforce key learnings from the second week

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03 **COURSE CONTENT**

DIGITAL MARKETING / SEO / CANVA

THREE WEEKS

Week 3: Advanced Canva Techniques and Final Project	Day 11: Advanced Canva Techniques Exploring Canva's advanced features (animation, collaboration, etc.) Designing professional marketing materials (infographics, presentations, etc.) Tips for efficient workflow and organization in Canva Day 12: Introduction to Digital Marketing Tools and Techniques Overview of various digital marketing tools and their applications Introduction to advanced techniques for digital marketing optimization Day 13: Final Project Work Continued time for students to work on their final projects Day 14: Final Project Presentations Students present their final projects to the class Day 15: Wrap-Up Recap key learnings and takeaways from the course

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04 **COURSE CONTENT**

ARTIFICIAL INTELLIGENCE WITH PYTHON

THREE WEEKS

Week 1: Introduction to Artificial Intelligence and Python Basics	*Day 1: Introduction to Artificial Intelligence* - Overview of artificial intelligence. - History and milestones in AI. - Applications of AI in real life. - Ethical considerations in AI. *Day 2: Introduction to Python* - Setting up Python environment (Anaconda, Jupyter Notebook). - Basic syntax and data types. - Variables and operators. - Basic input/output. *Day 3: Control Structures and Functions in Python* - Conditional statements (if, elif, else). - Loops (for loop, while loop). - Functions and their usage. - Practice exercises. *Day 4: Data Structures in Python* - Lists, tuples, and dictionaries. - Indexing and slicing. - List comprehension. - Practice exercises. *Day 5: Introduction to NumPy and Pandas* - Introduction to NumPy for numerical computations. - Introduction to Pandas for data manipulation and analysis. - Basic operations with NumPy and Pandas. - Loading and inspecting datasets.

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04 COURSE CONTENT

ARTIFICIAL INTELLIGENCE WITH PYTHON

THREE WEEKS

Week 2: AI Tools and Projects	*Day 6: Introduction to Machine Learning* - Overview of machine learning. - Types of machine learning (supervised, unsupervised, reinforcement learning). - Basic concepts: features, labels, training, and testing data. *Day 7: Machine Learning with Scikit-Learn* - Introduction to Scikit-Learn library. - Supervised learning algorithms (linear regression, logistic regression). - Unsupervised learning algorithms (k-means clustering). - Hands-on exercises. *Day 8: Natural Language Processing (NLP)* - Introduction to NLP and its applications. - Basic text preprocessing techniques (tokenization, stemming, lemmatization). - Introduction to NLTK library. - Sentiment analysis project. *Day 9: Computer Vision* - Introduction to computer vision. - Basic image processing techniques (blurring, edge detection). - Introduction to OpenCV library. - Image classification project. *Day 10: Deep Learning with TensorFlow* - Introduction to TensorFlow library. - Building and training deep learning models. - Convolutional Neural Networks (CNNs) for image classification. - Project: Image classification using CNNs. *Day 11: Final Project Work* - Students work on their final AI project. - Guidance and assistance from the instructor. - Presentation preparation.

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04 COURSE CONTENT

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05 **COURSE CONTENT** **CYBER SECURITY FUNDAMENTALS** **ONE WEEK**

Day 1: Introduction to Cyber Security	·What is Cyber Security? ·Types of Cyber Security ·Fundamentals of Information Security ·Details on Threats and vulnerabilities
Day 2: Secure Development	· Introduction to OWASP ·What are OWASP Top 10 Vulnerabilities ·Security in Software Development Life Cycle ·Principles of Software Security
Day 3: Application Security & Ethical Hacking	·Fundamentals of Application Security ·Introduction to CIA Triad ·Ethical Hacking Concepts ·Using tools like Kali Linux and Burp suite
Day 4: Dynamic Application Security Testing	·What is DAST? ·Importance of DAST in Application Security ·What are the commonly used tools for DAST? ·Best practices in DAST
Day 5: Basics of Penetration Testing	·What is Penetration Testing? ·Categories of Penetration Testing ·Tools and frameworks used in Penetration Testing ·White Box Vs Black Box process ·How to perform a Web Application Pen Test? ·Interpretation of results

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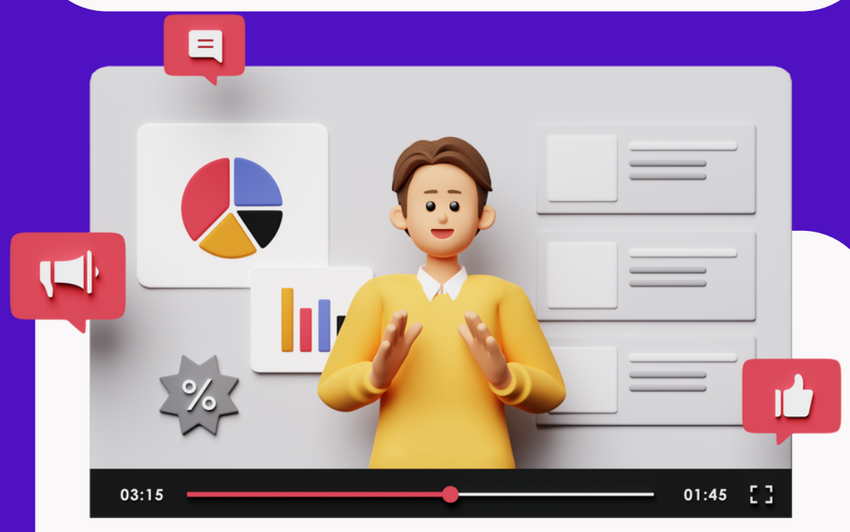

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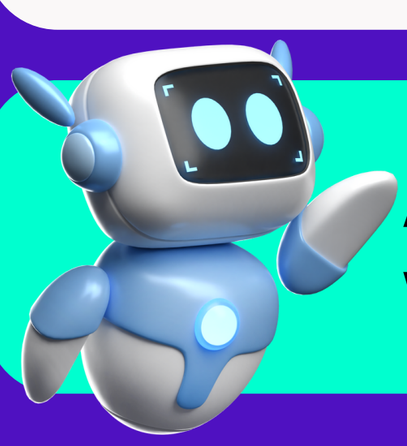

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