IGNITECH

Detail About us

We Are An Agency That Focuses On Digital Design Solutions

Ignitech - igniting the technology within you, it is an IT based company, Established in year 2020. We provides various project solution starting from college level projects to variety of business projects and API's in an affordable price range. We not only just provide solutions, we also work on various domains such as Digital media marketing, Training students of IT, AI/ML, Web Development, Android Development and many more.

We are ISO 9001:2015 certified company

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WITH THE RAPID PROGRESS IN THE IT INDUSTRIES, THE COMPETITION HAS REACHED THE NEXT LEVEL HENCE MAKING IT TOUGH FOR MANY STUDENTS TO GET A DREAM JOB. TO AVOID SUCH ISSUES STUDENTS MUST BOOST THEIR CONFIDENCE BY IMPROVING THEIR SKILLS IN DIFFERENT TECHNOLOGIES. THUS IGNITECH SOLUTION CAME UP WITH AN INTERNSHIP PROGRAM ALONG WITH DEMANDING TECHNOLOGIES SUCH AS-SOFTWARE TESTING, MOBILE APPLICATION DEVELOPMENT, CYBER SECURITY, PHP, PYTHON, MACHINE LEARNING & IOT.

Students can enrol for Internship Program according to their interest in any of mentioned technologies.

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SR NO.	TECHNOLOGIES	COURSE FEE
1.	SOFTWARE TESTING	1000 INR
2.	FULL STACK WEB DEVELOPMENT	1100 INR
3.	PYTHON PROGRAMMING	1300 INR
4.	ARTIFICIAL INELLIGENCE & MACHINE LEARNING (AI/ML)	1600 INR
5.	INTERNET of THINGS (IoT)	1800 INR
6.	ANDROID APPLICATION DEVELOPMENT	1500 INR
7.	CYBER SECURITY	1400 INR
8.	Industrial Automation (EJ and AO group)	1800 INR

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How to Apply for Internship?

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Students can fill the form by clicking below link or by scanning the given QR-code.
Link: https://ignitech.in/take-internship.php

- **Student can pay Course Fee through UPI(Gpay/Bhim-Upi/Paytm)/IMPS/Net-banking**
- **Student must attach the scanned copies of documents mentioned below**
  - **College-ID (Identification Proof)**
  - **Payment Receipt**

Software Testing

Software Testing provides an independent view and objective of the software and gives surety of fitness of the software. It involves testing of all components under the required services to confirm that whether it is satisfying the specified requirements or not.

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WEEKS	TOPICS
WEEK 1.	INTRODUCTION
WEEK 1.	SDLC(S/W Development Life Cycle)
WEEK 2.	TESTING AND IT'S TYPES
WEEK 2.	BLACK BOX TESTING
WEEK 3.	PERFORMANCE TESTING
WEEK 3.	TEST CASE
WEEK 4.	DEFECT
WEEK 4.	STLC(S/W TEST CASE LIFE CYCLE)
WEEK 5.	REGRESSION TESTING
WEEK 5.	TEST PLAN
WEEK 6.	AGILE METHODOLOGY
WEEK 6.	HANDS-ON PROJECT

Full Stack Web Development

Full stack web development is the process of building an application from start to finish, including the front end and back end. Full-stack developers are responsible for coding both the front end and back end, and ensuring that all software works together seamlessly.

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WEEKS	TOPICS
WEEK 1.	INTRODUCTION & INSTALLATION
	GETTING STARTED WITH PHP
WEEK 2.	VARIABLE & CONSTANTS, OPERATORS
	FUNCTIONS & REGULAR EXPRESSIONS
WEEK 3.	FILE OPERATIONS
	INTRODUCTION TO MYSQL & BASICS OF DATABASE
WEEK 4.	PHP DATABASE CONNECTION
	HTML FORM- DATA UPLOADING
WEEK 5.	CRUD OPERATION,IMAGE UPLOADING
	COOKIES & SESSOIONS HANDLING
WEEK 6.	SECURITY: LOGIN & LOGOUT SYSTEM
	FULL STACK PROJECT

Python Programming

Python is an interpreted high-level general purpose programming language. Python's design philosophy emphasizes code readability with its notable use of significant indentation. Its language constructs as well as its object-oriented approach aim to help programmers write clear, logical code for small and large scale projects.

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WEEK	TOPICS
WEEK 1.	INTRODUCTION TO PYTHON
	INSTALLATION
WEEK 2.	PYTHON OPERATORS
	CONTROL FLOW
WEEK 3.	DATA STRUCTURE (STIRNG, LIST, TUPPLES, DICTIONARY)
WEEK 4.	FUNCTIONS & MODULES
	PYTHON PACKAGES
WEEK 5.	OBJECT ORIENTED PROGRAMMING CONCEPTS
WEEK 6.	PYTHON PROJECTS

Artificial Intelligence a&
Machine Learning

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Machine Learning (ML) is the study of computer algorithms that improve automatically trough experience and by the use of data. Machine Learning algorithms build a model based on sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed and so on.

WEEK	TOPICS
WEEK 1.	PYTHON FOR MACHINE LEARNING
	PYTHON LIBRARIES
WEEK 2.	INTRODUCTION TO MACHINE LEARNING
	TYPES OF MACHINE LEARNING
WEEK 3.	MACHINE LEARNING ALGORITHM
WEEK 4.	PERFORMANCE METRICS
	ENSEMBLE LEARNING
WEEK 5.	3 HANDS-ON PROJECT + 1 PROJECT AS ASSIGNMENT
WEEK 6.	

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Internet of Thing

The Internet of Things (IoT) describes the network of physical object- "things" that are embedded with sensors, software and other technologies for the purpose of **IGNITECH** connecting and exchanging data with other devices and systems over the internet.

WEEK	TOPICS
WEEK 1.	INTRODUCTION TO IOT
WEEK 1.	BASICS OF NETWORKING
WEEK 2.	SENSORS
WEEK 2.	INTEROPERABILITY IN IoT
WEEK 3.	ARDUINO AND PROGRAMMING
WEEK 3.	INTEGRATION OF SENSORS & ACUATORS WITH ARDUINO
WEEK 4.	INTRODUCTION TO LINUX PROGRAMMING
WEEK 4.	INTRODUCTION TO RASPBERRY PI
WEEK 5.	INTRODUCTION TO PYTHON FOR IoT
WEEK 5.	IMPLEMENTATION OF IOT WITH RASPBERRY PI
WEEK 6.	LIVE PROJECTS

Cyber Security

Cyber security refers to every aspect of protecting an organization and its employees and assets against cyber threats. As cyberattacks become more common and sophisticated Hence, a variety of cyber security solutions are required to mitigate corporate cyber risk.

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WEEKS	TOPICS
WEEK 1	Introduction To Cyber Security
WEEK 1	All About linux, Networking and Protocols
WEEK 2	Introduction to Penetration testing
WEEK 2	Reverse Engineering
WEEK 3	Tools Required for Penetration
WEEK 3	Web Hacking Attacks
WEEK4	Web server Hijacking
WEEK4	Android, Windows and Social-media Hacking
Week 5	Google Dorking
Week 5	Denial of Service attacks
WEEK 6	PROJECT (Use case study and Digital Forensics)

Android

Android is a mobile operating system based on a modified version of the Linux kernel and other open-source software, designed primarily for touchscreen mobile devices such as smartphones and tablets.

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WEEKS	TOPICS
WEEK 1	Introduction to Android
WEEK 1	Installation and file structure
WEEK 2	Front end elements and Attributes
WEEK 2	Layout Managers
WEEK 3	Backend click listener and Toast messages
WEEK 3	Calculator and Intent (2 Types)
WEEK4	Menu, Animations and Custom Butttons
WEEK4	Splash Screen
Week 5	Shared Preference
Week 5	SQL
WEEK 6	PROJECT

Industrial Automation

Industrial automation is the control of machinery and processes used in various industries by autonomous systems through the use of technologies like robotics and computer software.

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WEEKS	TOPICS
WEEK 1	Programming Logic Circuit Part - I
	Programming Logic Circuit Part - II
WEEK 2	Human Machine Interface part - I
	Human Machine Interface part - II
WEEK 3	Servo System Part - I
	Servo System Part - II
WEEK4	Variable Frequency Drive Part - I
	Variable Frequency Drive Part - II
Week 5	Supervisory Control and Data Acquisition Part - I
	Supervisory Control and Data Acquisition Part - II
WEEK 6	PROJECT

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 In case of misleading information, we can cancel your registration.

 If you miss more than 2 lectures, we will not provide you certificates (Except Emergency).

 This cost is non-refundable, in-case of wrong payment simply write your issue to this mail- contact@ignitech.in

 You need to complete your task within time, if you face any problem in understanding any concept, you can contact your mentor and ask questions.

Terms & Condition

Note: We believe in practical oriented training so, all lectures will be explained with examples and implementations thus making is more interactive, interesting and skill full. There will be no recorded lectures, Mentor will explain and get work done from you. Schedule of internship will be shared only after registration process is done.

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Certificate of Training and Internship

This to certify that

Shahbaz Khan

Has Completed the training cum internship program on Artificial Intelligence and Machine Learning, of six weeks from 7th August 2021 to 18th September 2021 successfully.

RASHMITA PANDEY
Internship Mentor

IRFANALI J. SHAIKH
Founder & CEO

ISO 9001:2015 — CERTIFIED

Certificate Number : 6140602437079

Certificate of Completion