IIG VARSITY

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REIMAGINE FUTURE

Bridging the gap between
Industry & Academia

Welcome to IIG Varsity

The IIG Varsity, located in the IT Park of the city Bhubaneswar is a rising skill-building academy in East India providing professional courses to up-skill early career professionals commensurate with the industry needs and bridge the last mile between academia and industry for employability readiness.

Our Winning Advantage

- Located at the IT Hub of Bhubaneswar, Infocity
- State of the Art 25,000 SQFT infrastructure
- Best in class LAB facility in Eastern India
- Knowledge Partners with 15-30 years industry presence and 100% placement success
- Training delivery in blended model Virtual/ Classroom/Projects/ Partner premise Internship
- Training delivery on proprietary virtual platforms with assessments, grading and merit rating
- Industry leading course design and content by industry and academia experts
- Continuous upgrade of courses as per industry and market trends
- Internship opportunity with Knowledge Partners at respective locations (Bangalore, Hydrabad, Chennai, Coimbatore)
- Industry interaction opportunities
- **100% Placement Assistance with 5-6 guaranteed interview opportunities**

OUR PARTNERS

Cranes Varsity
'Where Technology Meets Excellence'

talent sprint

CADD CENTRE
Driving Digital Designs!

AGIIT
Asia's Advanced Automation Training Institute

FUTURITE

silverpeak
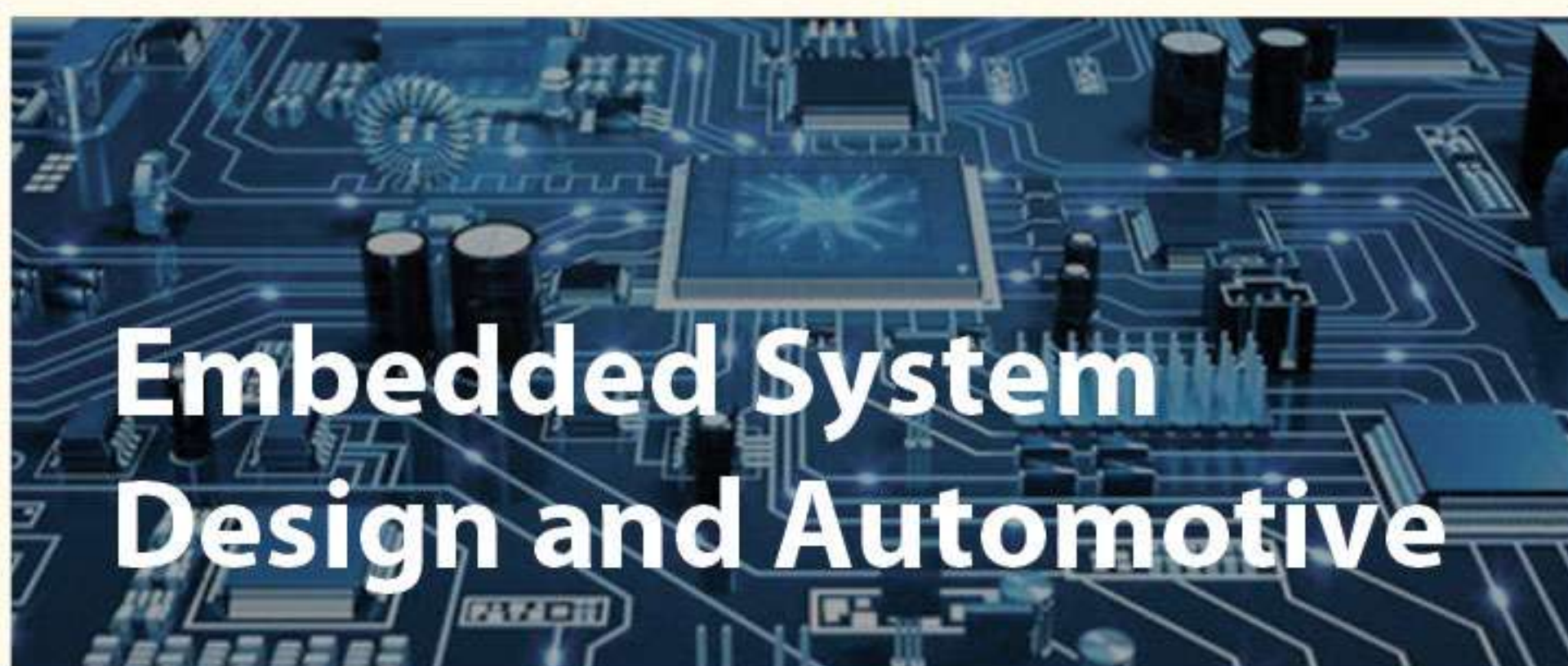
PG DIPLOMA COURSES

In Partnership with
Cranes Varsity
'Where Technology Meets Excellence'

Eligibility : B.E/B.Tech, M.E/M.Tech (CS, IT, ECE,EE,ETC)

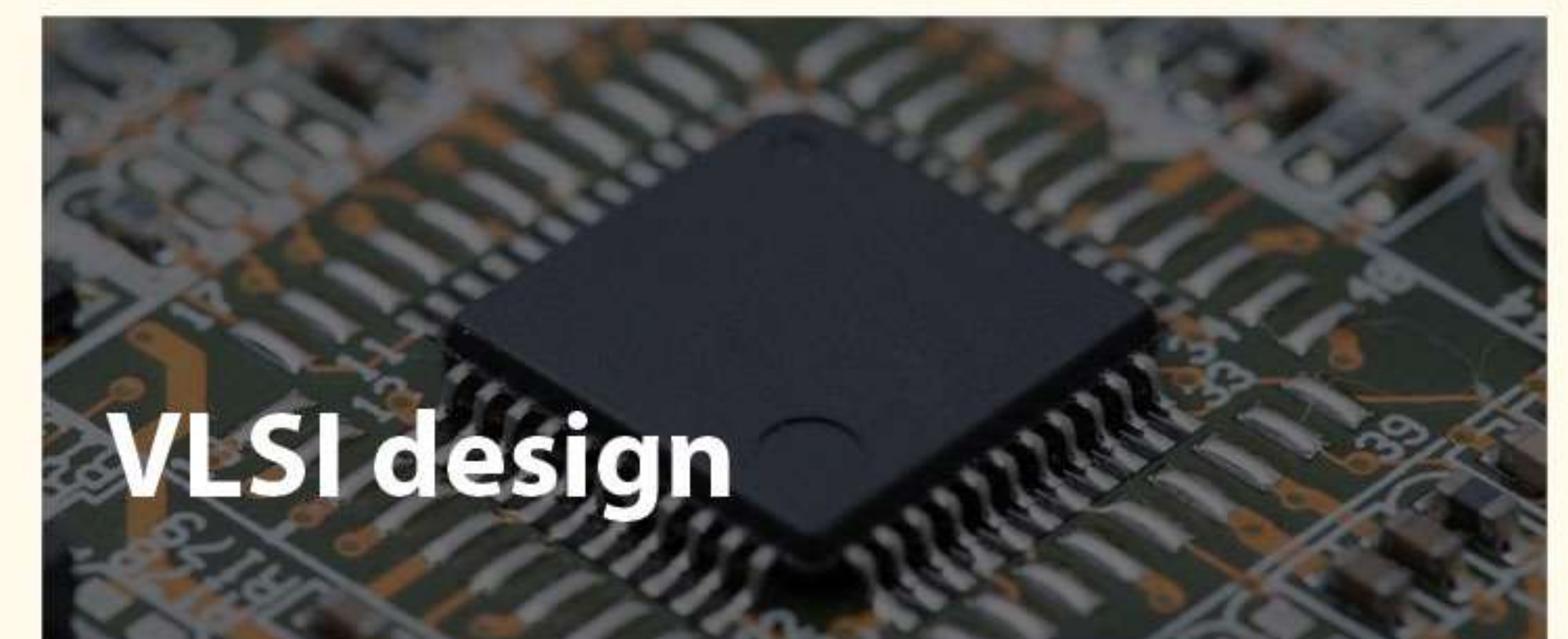**Duration :** 5 Months   **Fees :** INR 60,000

Embedded System Design and Automotive

Content :
- Foundation to Basic Electronics and Embedded Concepts.
- Programming- C, Data Structures & C++
- Linux Commands
- Hardware- ARM7 & CORTEX-M3
- Embedded Protocols - UART, I2C,SPI.
- MATLAB & Simulink

IOT and Data Science

Content :
- Foundation to Electronics and Embedded Programming-C, DS, C++, Python, Hardware - ARM7 & CORTEX-M3
- Embedded Protocols-UART, I2C, SPI, Free RTOS IoT- EDGE Node, Gateway & Security, Data Science and Machine Learning, Cloud Computing, Tableau & AWS

VLSI design

Content :
- Foundation to Electronics & VLSI
- Programming in C
- Linux Commands
- Basic and Advanced Verilog
- FPGA Design Basic and Advanced System Verilog
- UVM & OVM Methodology

PROFESSIONAL DIPLOMA COURSES

Eligibility : B.E/B.Tech, M.E/M.Tech (CS, IT, ECE,EE,ETC)

Duration : 4 Months   **Fees :** INR 45,000

Data Science with Python

Content :
- Python Programming
- Advanced Python and UnitTesting
- Data Analysis & Visualization
- Machine Learning using SKlearn
- Tableau
- Cloud Computing

Full stack Java development

Content :
- Web Technology.
- Relational Database: SQL
- Core Java, Advanced Feature of Java 8/9
- JDBC, JEE(J2EE), evlet + JDBC, JSP + JDBC, Maven
- Java Frameworks, Hibernate, Spring, AWS
- HTML5, CSS, Javascript, Bootstrap, Jquery, Tomcat server

1-2 Month Internship/Project opportunities in partner location (Bangalore)

*Additional Living cost to be paid by the student @10,000/month (approx.)
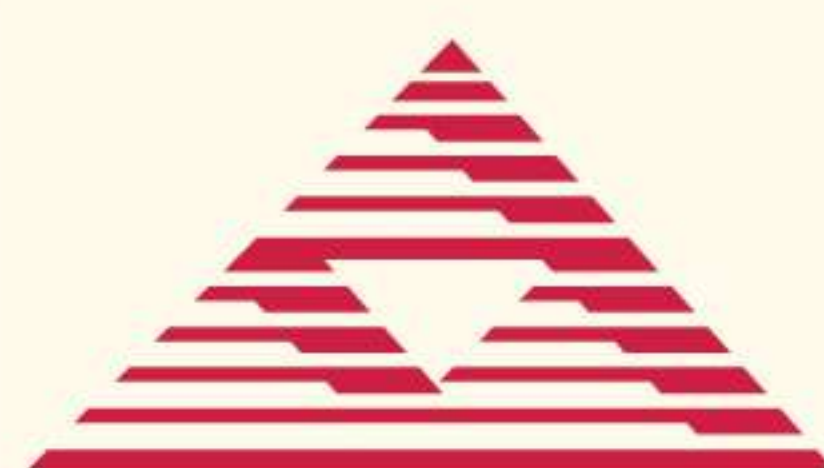
*Financing options available

Why Cranes Varsity?

- Trained 20,000+ Corporate & Defence Professional
- 184+ Companies as Hiring Partners
- Trusted Training Partner for 5000 reputed Organizations
- 40+ Experienced Trainers & Consultants

Prominent Recruiters

L&T   HUAWEI   American Megatrends   SASKEN   and 184+ more...

In Partnership with

talent sprint

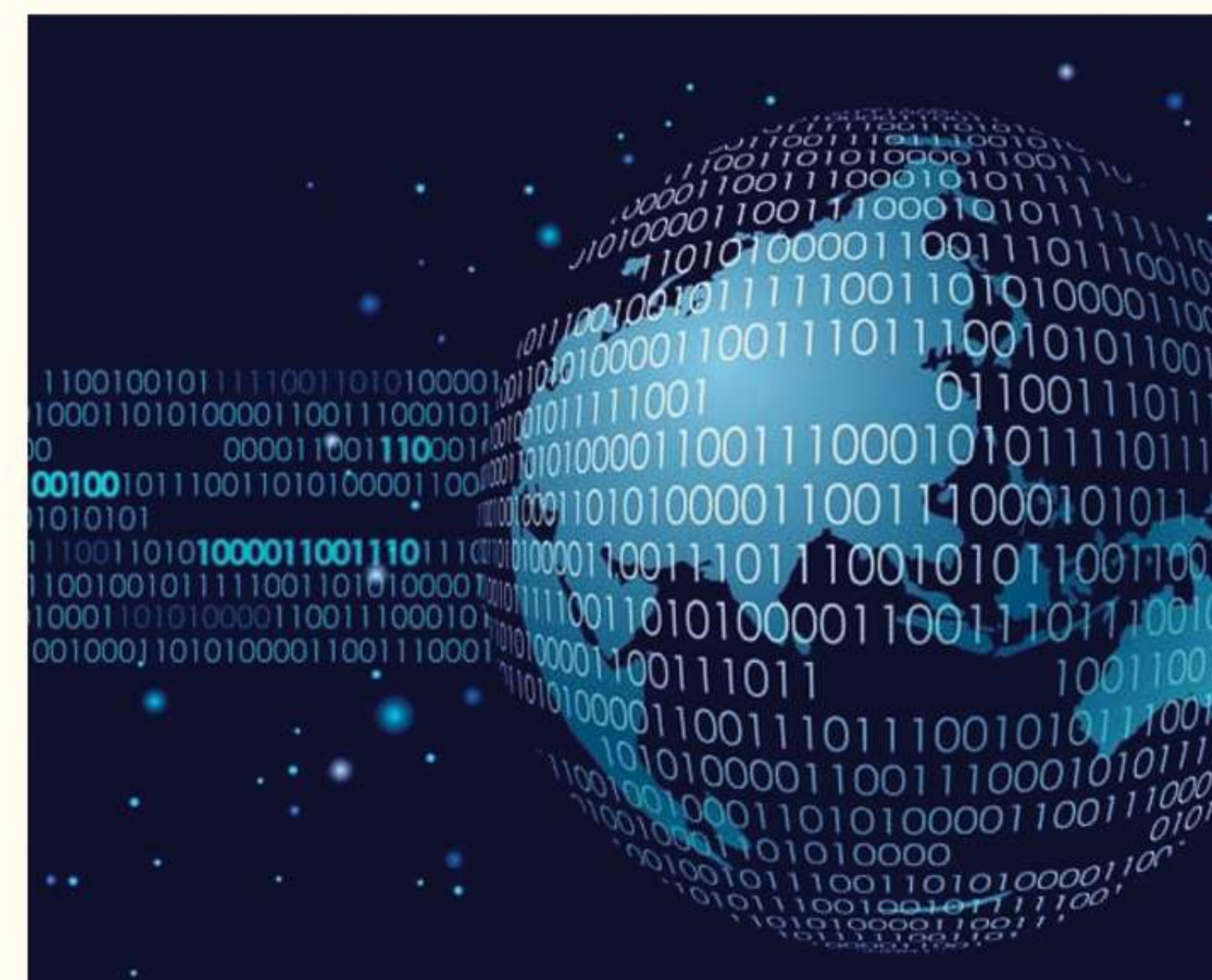## Certified Data Science Engineer Course

Eligibility : B.E./B.Tech (CS, IT, ECE)-2021 Passouts

Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Programming Foundations- Python
- Analytical Methods, Data
- Munging and Visualization
- Overview of AI/ML
- Big Data Techniques with Hadoop
- Analytics with Spark
- Project

Advance Program in Fintech and Financial Blockchain

Eligibility : Professionals with relevant background and 2+ years of experience and scored at least 50% marks in Graduation or Post Graduation.

Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Data Analysis and Interpretation
- Financial Issues in FinTech
- Foundations of FinTech & Associated Risks
- Digital Payments
- All about Blockchain
- Digital disruptions in Financial Services
- Crypto Assets and Tokens
- Data-driven Financial Analytics

Artificial Intelligence & Machine Learning

Eligibility : B.E./B.Tech (CS, IT, ECE)
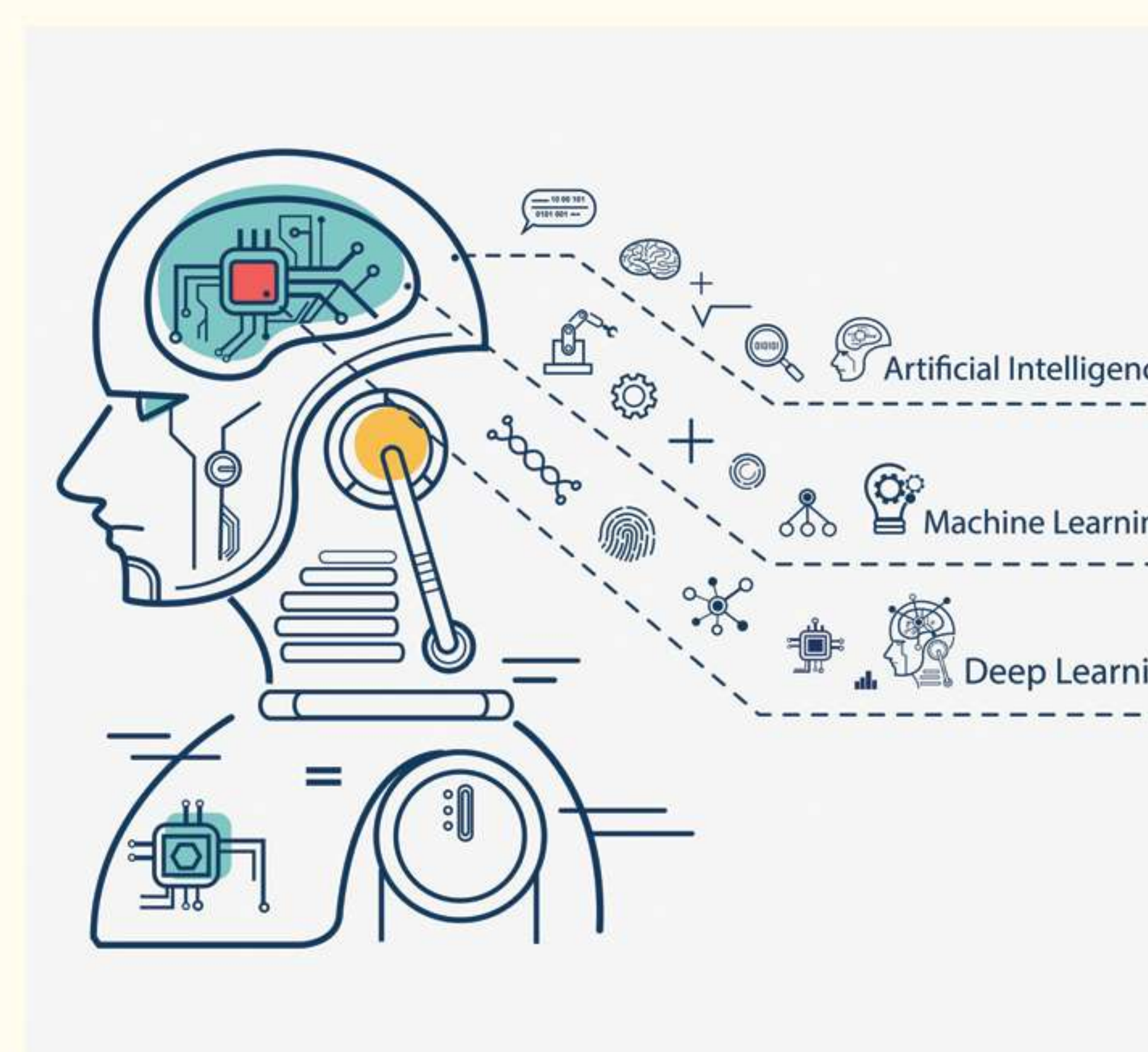
Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Foundations (Python Basics, Data Munging and Visualisation, Mathematics and statistical for AI)
- Deep Learning
- Classical Machine Learning Algorithm(Regression, Clustering)
- Applications of AI/ML (Natural language processing, computer vision)

Financing options available

Prominent Recruiters

POLARIS   **genpact**   **THOMSON REUTERS**   **teradata.**

Blockchain and Distributed Ledger Technologies

Eligibility : B.E./B.Tech (CS, IT, ECE)

Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Foundations on Blockchain
- Dapps Using Hyperledger
- Smart Contracts –Ethereum
- Blockchains in Action
- Blockchain & Distributed Ledger Technologies (DLT)
- Elements of Cryptography
- Cryptocurrencies, Tokens & ICOs

Cyber Security

Eligibility : B.E./B.Tech (CS, IT, ECE)

Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Secure Programming
- Application Security
- Reverse Engineering
- Web Security
- Hands-on-Security (Network traffic analysis + CTF + VAPT)
- Data Security and Cryptography
- Secure Development (Secure Coding + DevSecOp)
- Android Security

Cloud Computing

Eligibility : B.E./B.Tech (CS, IT, ECE)

Duration : 6 Months   **Fees :** INR 1,00,000

Content :

- Cloud Computing - Infrastructure, Services and Business
- Virtualization, Virtual Machines, & Deployment on the Cloud
- Microservices and Cloud Native Applications
- Deploying Cloud Native Application

1-2 Month Internship/Project opportunities in partner location (Hyderabad)
*Additional Living cost to be paid by the student @10,000/month (approx.)
*Financing options available

Why Talent Sprint?

- Trained over 1.8 Lakhs Engineers & Professionals
- 183+ Companies as Hiring Partners
- Trusted Partner of Top Academic Institutions and Bluechip Global Corporations
- Professional memberships with NASSCOM, Microsoft BizSpark, CEIS

Deloitte.   **WELLS FARGO**   **HITACHI** Inspire the Next   **JPMORGAN CHASE & CO.**   and 183+ more...

In Partnership with

CADD CENTRE
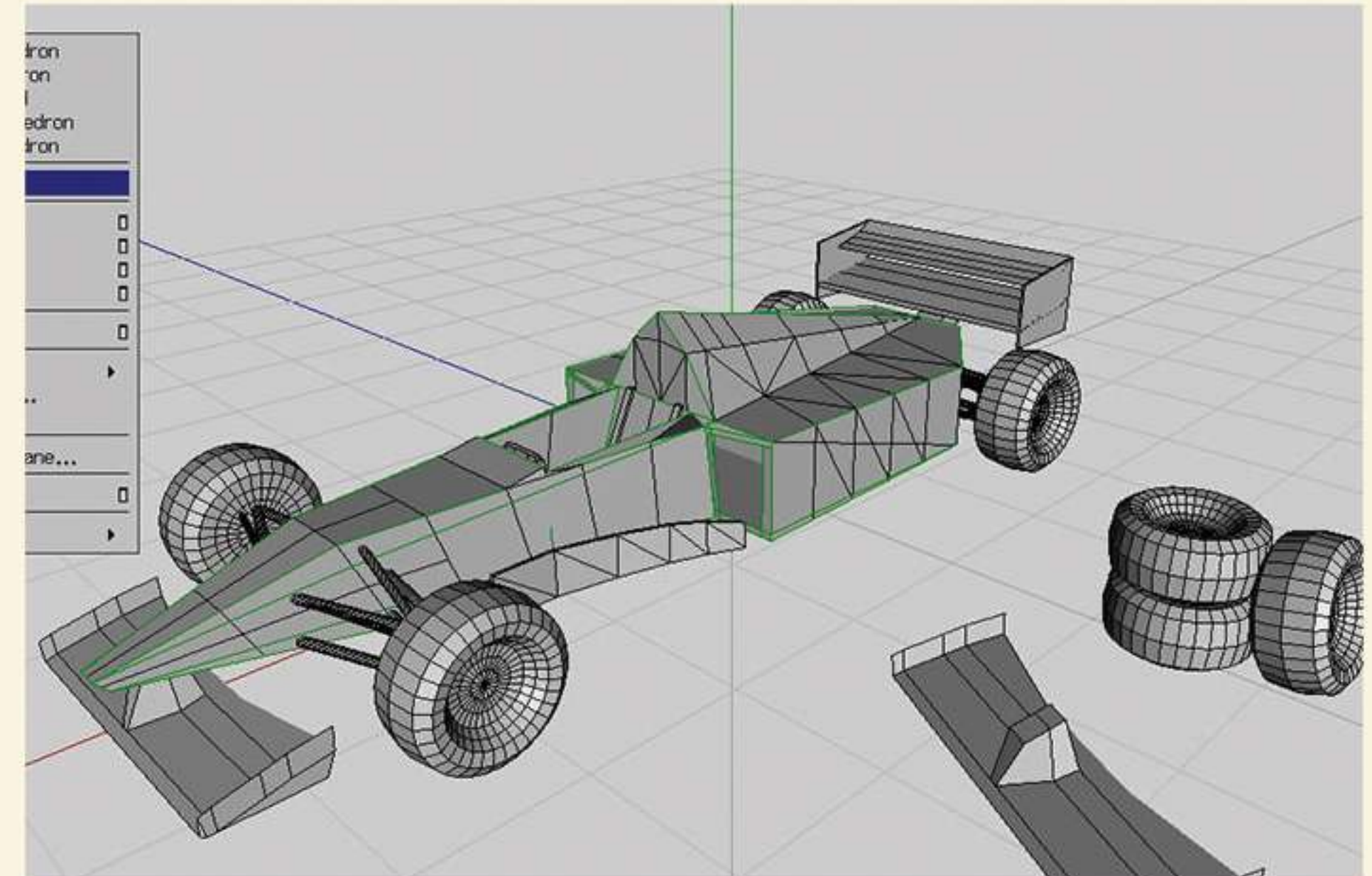Driving Digital Designs!

Expert in Product Design

Eligibility : B.E./B.Tech,M.E./M.Tech (MECH,PROD,Allied Branches)

Duration : 6 Months   **Fees :** INR 72,000

Content :

- AutoCAD
- Solidworks
- Solidworks Motion
- Ansys
- MasterCAM
- MATLAB
- GD&T

Expert in Structural Design

Eligibility : B.E./B.Tech,M.E./M.Tech (CIVIL)

Duration : 6 Months   **Fees :** INR 66,000

Content :

- AutoCAD
- STAAD Pro
- ETABS
- Primavera
- ProSteel
- RCC Detailing

Expert in Architectural Design

Eligibility : B.E./B.Tech,M.E./M.Tech (ARCHITECTURE)

Duration : 6 Months   **Fees :** INR 66,000

Content :

- AutoCAD
- SketchUp
- V-Ray
- Revit Architecture
- Estimation and Costing
- Max for Engg/Archi

1-2 Month Internship/Project opportunities in partner location (Chennai)
*Additional Living cost to be paid by the student @10,000/month (approx.)
*Financing options available

Why CADD Centre?

- Trained over 1.5 Million Engineers & Professionals
- 238+ Companies as Hiring Partners
- 1000+ Franchise outlets in 30+ countries
- Asia's biggest network of CAD Training centres

Prominent Recruiters

GlobalLogic
The Leader in Global Product Development

eds
environmental design solutions

Ford

MARUTI SUZUKI

and 238+ more...

PG DIPLOMA COURSES

Industrial Robotics

Eligibility : B.E./B.Tech,M.E/M.Tech(MECH,PROD,ELECTRONICS)

Duration : 2 Months   **Fees :** INR 65,000

Content :

- ❯ Standard Robotic & Product Training-Basic concepts of robot programming
- ❯ Process & Application Training-Motion Programming, Programming methodology of robotic system
- ❯ Application & System Training-Robotic Project Execution, Interrupt Programming

Industrial Automation

Eligibility : B.E./B.Tech ,M.E./M.Tech MECH, PROD, ELECTRONICS)

Duration : 2 Months   **Fees :** INR 50,000

Content :

- ❯ Programmable Logic Controller(PLC)
- ❯ Supervisory Control & Data Acquisition(SCADA)
- ❯ Human Machine Interfacing(HMI)
- ❯ Variable Frequency Drives(VFD)

MASTER DIPLOMA COURSES

Industrial Automation & Robotics

Eligibility : B.E./B.Tech,M.E./M.Tech (MECH,PROD,ELECTRONICS)

Duration : 3 Months   **Fees :** INR 1,00,000

Content :

- ❯ Programmable Logic Controller(PLC)
- ❯ Supervisory Control & Data Acquisition(SCADA)
- ❯ Human Machine Interfacing(HMI)
- ❯ Variable Frequency Drives(VFD)
- ❯ Field Instruments
- ❯ GSM-PLC
- ❯ Control Panel Designing and Wiring

1-2 Month Internship/Project opportunities in partner location (Chennai/Coimbatore)

*Additional Living cost to be paid by the student @10,000/month (approx.)

*Financing options available

Why AGIIT?

- ❯ Yaskawa Industrial Robotics Training introduced for the first time in India
- ❯ Advance Technical Industrial Automation Lab in India
- ❯ Industry experienced Instructors
- ❯ 493+ Companies as Hiring Partners

Prominent Recruiters

HYUNDAI   MRF   JSW   PEPSICO   and 493+ more...

Industry Oriented Program

Eligibility : B.Tech/M.Tech/MCA/MSc(Tech)/BsC(IT)

Duration :
6-9 Months (In India)

Fees :
INR 4,05,000

Post Graduate Master's Program(M.Tech)

Eligibility : B.Tech/M.Tech/MCA/MSc(Tech)/BsC(IT)

Duration :
6-9 Months (In India)
2-15 Months (In Japan)

Fees :
INR 6,05,000

Post Graduate Management Program(MBA)

Eligibility : B.Tech/M.Tech/MCA/MSc(Tech)/BsC(IT)

Duration :
6-9 Months (In India)
12-15 Months (In Japan)

Fees :
INR 6,05,000

METHODOLOGY

- Limited Batch Strength for Individual attention
- Performance Evaluation & Grading
- Application Oriented Learning Approach

PROGRAM VALUE ADDS

- Practical Demonstration with the Latest Industry Tools
- Technical and Language Training
- Real time Industrial Exposure and understanding Core Industry expectations in Japan
- Career Guidance and Opportunities in Core Domains

Why Silverpeak Global?

- SPG is the exclusive representative in India for conducting Japanese Language Test called J-cert – a certification of Japanese as a foreign language for Living, Business and Professionals
- Having 700+ affiliated colleges

Financing options available

Prominent Recruiters

株式会社 リンクスタッフ
Link Staff

GENERAL INCORPORATED FOUNDATION
CHIKYUJIN

DRAFT®

and more...

IBM Courses

CEP Courses
- Java Fundamentals
- Predictive Analytics Modeller
- Spring Framework Course
- Clean Coding
  And many more…..

AP Skills Courses
- Big Data Engineer
- Business Intelligence Analyst
- Security Intelligence Engineer
- Artificial Intelligence Analyst
  And many more…..

Foundational Courses
- Build Swift Mobile Apps with Watson AI Services
- Machine Learning with Python
- Deep Learning Fundamentals
- Introduction to Machine Learning with Sound
  And many more…..

Digital Catalyst
- Create your own Web Page
- Enterprise Design Thinking Practitioner
- Continuously Deploy your Angular Application
- Final Professional Skills Quiz
  And many more…..

IIG Varsity Career Enhancement Courses

		Duration	Cost (Rs)
Long Term Courses	Post Graduate Diploma in Product Design	6 Months	45,000
	Post Graduate Diploma in Structural Design	6 Months	45,000
	Post Graduate Certificate Course in Industrial Automation	6 Months	45,000
	Post Graduate Certificate Course in Industrial Automation & Robotics	6 Months	60,000
	Post Graduation Program in Data Science with Python	6 Months	45,000
	Master Course in Full Stack Java Development	6 Months	45,000
Mid Term Courses	Advance Certificate Course in Product Design	4 Months	30,000
	Advance Diploma in Structural Design	4 Months	30,000
	Advance Certificate Course in Industrial Automation	4 Months	30,000
	Advance Certification in Industrial Automation & Robotics	4 Months	30,000
	Advance Certification in Data Science with Python	4 Months	30,000
	Advance Certification in Full Stack Java Developer	4 Months	30,000
Short Term Courses	Basics of Product Design	2 Months	15,000
	Basics of Structural Design	2 Months	15,000
	Basics of Industrial Automation	2 Months	15,000
	Basics of Robotics	2 Months	15,000
	Certificate Course in Core & Advanced Python	2 Months	15,000
	Certificate Course in Core & Advanced Java	3 Months	15,000

Short term Courses

C Language

Duration : 70 hrs   **Fees :** INR 5000

- Fundamentals in C
- Input-Output Library Functions
- Storage class
- Array
- Dynamic memory allocation String
- Preprocessor
- File Handling
- Graphics

- Operators and Expressions
- Control statements
- Pointer
- Pointer and array
- String and function
- Structure
- ODBC Programming
- Socket and Network programming

- Data types
- Function
- Pointer and Function
- Array and function
- Command line arguments
- Structure and function
- Process and threads

Data Structure

Duration : 60 hrs   **Fees :** INR 5000

- Introduction
- Function
- Stack
- Circular Queue & its Operation
- Tree

- Array
- Structure
- Applications of Stack
- Graph
- Pointer

- Linear Queue & its Operations
- Linked List (Single ,Double ,Circular,Header
- Hashing & Searching
- Pointer, Structure with Function
- Sorting

Core Java

Duration : 75 hrs   **Fees :** INR 5000

- Introduction to Java and OOPS
- Working with Java Editor Softwares – Editplus, NetBeans, Eclipse
- Working with jar
- Datatypes, Literals, Variables, Type Conversion, Casting & Promotion
- Method and Types of methods   Variable and Types of Variables
- Block and Types of Blocks
- Compiler & JVM Architecture with Reflection API
- Non-Static Members and their execution control flow
- Classes and Types of classes
- Coupling and Cohesion (MVC and LCRP Architectures)
- Arrays and Var-arg types
- Enum and Annotation
- API and API Documentation
- String Handling
- IO Streams (File IO)
- Wrapper Classes with Auto boxing and unboxing
- Java 5, 6, 7, 8 new features

- Inner classes
- Regular Expressions
- Java Tokens- Comments, Identifiers, Keywords, Separators
- Packages with static imports
- Modifiers – File level, Access level and Non-access level
- Operators and Control Statements
- Constructor and Types of constructors
- Declarations, Invocations and Executions
- Static Members and their execution control flow
- Final Variables and their rules
- OOPS- Fundamentals, Models, Relations and Principles
- Types of objects & Garbage Collection
- Design Patterns
- Fundamental Classes – Object, Class, System, Runtime
- Multithreading with JVM Architecture
- Networking (Socket Programming)
- Collections with Generics
- AWT, Swings, Applet
- Formatting date, time (java.text package)

PHP MYSQL

Duration : 60hrs   **Fees :** INR 6000

- PHP Basics
- Constants in PHP
- Arrays
- Object-Oriented Programming in PHP
- Working with the Files and Operating
- System
- Date and Time Functions
- Web Services

- SPECIAL DELIVERY
- Default Syntax
- Control Structures
- Include Functions
- PHP with MySQL
- Authentication
- Cookies
- XML Integration

- With Complete
- Variables in PHP
- Functions
- Regular Expressions
- Strings and Regular Expressions
- Error and Exception Handling
- Sessions
- MySQL Concepts

Internship Programs

PYTHON PROGRAMMING

Duration : 70 hrs

Fees : 5000

- Python Variables
- Data Structures or Collections
- Packages Programming
- Regular expressions
- Garbage collection
- Tkinter & Turtle
- NUMPY
- Operators
- Functions
- OOPs
- File & Directory handling
- OS module
- Python Data Base Communications
- Data analytics modules
- Project
- Control Statements
- Modules
- Exception Handling & Types of Errors
- Python Logging
- Multi-threading & Multi Processing
- Python – Network Programming
- PANDAS

Machine Learning

Duration : 50 hrs

Fees : 6000

- Applications
- Classification
- Basics of python
- Sklearn
- Regression
- Decision Tree classifier
- k means clustering
- Project
- Supervised learning
- Regression
- Numpy
- Matplotlib
- KNN
- Random Forest classifier
- Deep learning
- Unsupervised learning
- Clustering
- Pandas
- Data preprocessing
- Gaussian Naïve
- Support vector machine
- tenserflow

Advance Java

Duration : 70 hrs

Fees : INR 5000

- Persistence
- SERVLET
- JSP
- Expression Language
- MVC Architecture
- JDBC
- Servlet API
- Java Bean
- Working JSTL
- Project
- SQL
- HTTP Protocol
- Using Java Bean in JSP
- Custom Tags

IOT

Duration : 50 hrs

Fees : 6000

- Introduction to IoT
- NodeMCU Introduction
- Arduino programming
- Hardware Description
- Programming Languages
- Server and client Concepts
- Application to Robotics
- Architecture of IoT
- NodeMCU architecture
- Software tools
- Functional Schematics
- Hardware Platforms
- Using Digital and analog inputs
- Live Project
- Applications and industry verticals
- Arduino IDE
- Board Features
- Software and OS Options
- Basic webpage development
- Sensors and Actuators

Full Stack UI Development

Duration : 60 hrs

Fees : INR 7000

- HTML5
- Jquery
- Mongo DB
- CSS3
- Bootstrap
- MySQL
- Java Script
- Node JS
- Project

Upcoming courses

- Augmented Reality
- Virtual Reality
- Agro-Tech AI
- Healthcare AI
- Drone Technology
- Nano-Satellite Technology

- 3D Printing
- 3D Graphics and Animation
- SAP
- ORACLE APPLICATIONS
- Digital Marketing

IIG VARSITY

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