



## JOB Oriented Courses

### Training & Placement program for Engineers

### COURSES

- Embedded & Automotive Systems
- IoT & Embedded Systems
- VLSI Design & Verification
- Full Stack Java Development
- Data Science using Python

Eligibility - Engineers (Diploma, EEE, ECE, CSE, EIE, TCE, IT, Mech)

### PLACEMENT SUPPORT

- Placements from 3rd month & minimum 15 to 20 campus drives monthly
- Pre placement process - Interview Readiness, Aptitude & Soft skills training and Evaluation

### KEY FEATURES



100% Placement Assistance



Live Online Instructor-Led Sessions



Globally Accepted Certification



Industry Oriented Modules



Subject Expert Training

### About Cranes Varsity?

- ✓ A pioneer in Technical Training & Education services with over 20 years of acclaimed expertise.
- ✓ A unique EdTech company which effectively bridges the skill gap between graduates & employers.
- ✓ A trusted partner with over 5000 reputed Academia, Corporate & Defence Organisations.
- ✓ Have been a gateway to the Corporate World for about 50,000 engineers.

# PG Diploma Programs

Integrated Training and Placement program (ITAP) is the most accepted program by the industry and the most preferred choice for engineering graduates



## Embedded & Automotive Systems

### Core Concepts of Embedded

- Fundamentals of Electronics and Embedded
- Programming in C, DS & OOPS with C++
- ARM & CORTEX-M Micro Controller
- Embedded Protocols - UART, I2C, SPI

### Embedded Specialization

- Autosar Design Flow using CAN Protocol
- Real TimeOS (FreeRTOS)
- Linux, Shell Scripting & System Programming
- Model Based Design using MATLAB



## IoT & Embedded Systems

### Core Concepts of Embedded

- Fundamentals of Electronics and Embedded
- Programming in C, DS & OOPS with C++
- ARM & CORTEX-M Micro Controller
- Embedded Protocols - UART, I2C, SPI

### IoT Specialization

- Linux, Shell Scripting & System Programming
- HTML, Python, Advanced Python
- IoT Edge node, Gateway & Security
- Data Analysis and Visualization using Tableau



## VLSI Design & Verification

### Core Concepts of VLSI

- Fundamentals of Electronics and Embedded
- Programming in C, Advanced C and DS
- OOPS with C++
- Basic Verilog and Advanced Verilog

### VLSI Design & Verification

- FPGA Design Basic and Advanced
- System Verilog
- UVM (Universal Verification Method)
- OVM Methodology



## Full Stack Java Development

### Core Concepts

- Web Technology
- Relational Database: SQL
- Core Java, Advanced Feature of Java 8/9
- JDBC

### Java Development

- JEE(J2EE)
- Servlets, JSP, Maven
- Java Frameworks - Hibernate, Spring
- Web Services - SOAP, REST



## Data Science using Python

### Core Concepts

- Relational Database - SQL
- WebTechnology - HTML, CSS, JavaScript
- Cloud Computing
- Python, Advanced Python and Unit Testing

### Data Science

- Data Analysis & Visualization
- Machine Learning
- Tableau
- Deep Learning using TensorFlow

# Key Features

## METHODOLOGY

- Application Oriented Learning Approach
- Subject Expert Coaching
- Limited Batch Strength
- Soft Skills Training & Interview Readiness
- 100% Job Assistance

## WORKING DOMAIN

- Engineering
- Automotive
- IT Services
- Electronics
- Telecom & Wireless
- IoT
- Aerospace
- Testing
- Web technology
- Data Science

## TRAINERS EXPERTISE

- Rich mix of in-house trainers, industry consultants and subject matter experts
- Team has knowledge of traditional and modern job training methods and techniques
- Technical team stay's abreast in the new trends and tools used in the Industry
- 40+ Experienced Trainers Expertise in Industry Oriented Modules & Latest Technologies

## PROGRAM TAKE AWAY

- Practical Demonstration with the Latest Industry Tools
- Learning how Engineering subjects are mapped into Industry Applications
- Understanding Core Industry expectations
- Career Guidance and Opportunities in Core Domains
- Real time Project Exposure for Core Modules
- Blended learning and Hands-on sessions
- In house experts guiding professional development
- Industry Oriented Learning & Exposure

## STATE OF THE ART FACILITY

- 15,000 Square Feet Office Space Located in St. Marks Road, Bangalore
- 15 Centralized AC Classroom with Well Equipped Labs
- Central Library with Well Stocked Reference Books, Research Papers etc.
- Classrooms with Hi-End System Configuration with Over Head LCD Projector

# Prominent Recruiters

▶▶ 50,000+ CRANES ALUMANE

▶▶ 500+ RECRUITED CLIENTS

					
					
					

and 250+ more. .

## STUDENTS TESTIMONIALS

"I have completed my bachelor of engineering in ECE in 2020. I was interested in embedded domain. One of my senior friend who got placed through cranes referred me to join cranes. There I learnt technical knowledge on c, Ds and c++ etc. The trainers are so motivating they helped me gain technical knowledge. I would like to thank placement team for giving a opportunity within 1.5 month and putting me across companies, atleast i got placed in a very good Multinational corporate company."

- Lakshmikanth, Placed in Verifone

"I completed my M.Tech in UBTDCE - Davanagere. My friends got placed through Cranes Varsity. They suggested this institute. I was a student of IOT and Embedded. Here i learnt topics like C, Python, Linux, Arm, Machine Learning and Cloud computing etc which are essential for placements. After completion of 3 months of course itself they provided many opportunities. Heartly thankful to all for your constant support and guidance."

- Nethravathi, Placed in Onward Technologies

"I completed ECE in 2020. With the dream of pursuing job in Embedded Domain joined Cranes Varsity. Faculty here trained me very well, continuously conducted mocks and interviews to evaluate my performance time to time. It gave me immense confidence to attend interviews. Cranes Varsity gave ample placement opportunities with many MNCs and Core Companies."

- Vivek, Placed in Altran

"I am Aashik from klef college, passed in 2019 in Communications and RADARS (M.tech). One of my friend given advice to join in CRANES. Faculties are very friendly in teaching Vlsi Fpga training. Module Digital, verilog, system verilog and Fpga. I got opportunities from cranes and i placed at symmetric company, I thank cranes for this opportunity."

- Aashik, Placed in Symmetric

"I have taken Data science using python course at cranes varsity Bangalore. Training was excellent with good interaction. Best training institute in Bangalore providing both online as well as offline training with good placement opportunities. I got placed in Mindtech"

- Prajna Rai, Placed in Mindtech

"I am praveen pechimuthu. My friend referred me to cranes varsity. I learnt programming skills, python, IoT security, edge node etc. cranes varsity is one of the best training institute to learn embedded system & IoT skills. I am thankful to cranes varsity."

- Praveen, Placed in Cyient

## Contact for more detail

Cranes Varsity (Division of Cranes Software International Limited)

#82, Presidency Building, 3rd & 4th Floor, St. Marks Road, Bangalore - 560001, Karnataka

Email: [training@cranessoftware.com](mailto:training@cranessoftware.com) || Website: [www.cranesvarsity.com](http://www.cranesvarsity.com)

Phone: 080 6764 4800 /4848 || Mobile: +91 96208 29666