



## CORPORATE TRAINING



### Training Models

- Induction & Lateral Program
- Customized Training
- Open House Programs
- Ready to Hire
- Working Professional Programs

### About Cranes Varsity

A pioneer in Technical Training & Education services in EMBEDDED, IoT, VLSI, DSP & WEB TECHNOLOGIES with over 20 years of acclaimed expertise. We have well established long term relationships as a trusted training partner with more than 5000 reputed organizations in the domains of Academia, Corporate and Defence.

Having built a reputation as a leading training providers, we take the privilege of being preferred training partner for major DRDO and PSUs like DIAT, NPOL, SHAR, INA, BEL, BEL Nalanda and many more.

### Training Programs

- MATLAB & DSP
- EMBEDDED
- AUTOMOTIVE
- DATA ANALYTICS
- WEB TECHNOLOGIES
- SKILL ENHANCEMENT COURSES
- TELECOM & WIRELESS
- SOFTWARE TESTING
- INTERNET OF THINGS
- SOFT SKILLS

- Classroom & Online Training
- Hands On Session
- Domain Specific Programs

# TECHNICAL PROGRAMS

Duration: 3 - 5 Days



Basic & Advance C  
Data Structures  
Modern C++  
Java  
J2EE



Oracle – SQL  
PL/SQL  
ProC  
MySQL  
PostgreSQL



LAMP / Apache  
Perl / Python / Ruby  
Tcl/Tk  
Node.J / Git / Jenkins  
Hadoop / Hive / Pig  
DevOps / Open Stack / PyQt



HTML5 / CSS3 / Java Script  
jQuery / Angular JS  
MS Office  
VBA Programming  
VB Script  
Powershell



Linux System & Programming  
Linux Kernel & Device Driver  
Embedded Linux Porting  
Free RTOS  
VxWorks Fundamentals



Matlab , Simulink , State flow  
Basic DSP Concept with Matlab  
Autocode Generation  
Communication System Design



ARM Architecture & Programming  
Embedded Protocols  
MISRA C  
Basic & Advanced CAN-CANoe  
Autosar Overview



FPGA Fundamentals  
Designing with VHDL/ Verilog  
Advance VHDL/ Verilog  
Verification & Validation



IoT Edge Node & Gateway  
IoT Security  
Data Science & Data Analytics  
Machine & Deep Learning  
Artificial Intelligence  
SAAS & TABLEAU

# SOFT SKILLS



Team Building & Leadership Skills	3 Days
Stress Management	2 Days
Campus to Corporate Orientation	5 Days
Communication & Presentation skills	2 Days
Problem Solving and Critical Thinking	2 Days
Personality Development	2 Days

## CAREER UPSKILLING PROGRAM

### FOR WORKING PROFESSIONAL

Specially designed PG certification programs for working professionals. Participants can opt for either classroom or online sessions delivered during weekend or evening batches.

#### EMBEDDED SYSTEM DESIGN - 3.5 Months

- Embedded Concepts, Basic & Advance C, DS, Linux, LDD, ARM, C++, FreeRTOS

#### EMBEDDED SYSTEM DESIGN & AUTOMOTIVE - 2.5 Months

- ARM Brush up, Embedded Protocols - UART, SPI, I2C, CAN Analyser, AUTOSAR, MATLAB

#### IOT & DATA SCIENCE - 4 Months

- C, ARM, Embedded Protocols, Python, Machine Learning, IoT - Edge Node, Gateway, Security, Linux, Tableau, FreeRTOS, Cloud Computing.

### MODE OF TRAINING DELIVERY

- Completely Online or Completely Classroom
- Online - Anytime and from Anywhere
- Classroom - Weekends (8 hrs) from Cranes Varsity Bangalore

### KEY BENEFITS

- Subject Expert Coaching
- Individual Attention - Limited Batch Size
- 100% Placement Assistance
- Globally Accepted Certification

# WHY CRANES?

- ▶ 1 Million Engineering Graduates Trained
- ▶ 500+ companies with over 50,000+ Cranes Alumnae
- ▶ 40+ Experienced Trainers & Consultants
- ▶ 20000+ Corporate & Defence professional Trained
- ▶ Partnership with Global Leaders
- ▶ 250+ Hiring Partners

# MAJOR CLIENTS



# CLIENT SPEAK

“The Training helped me in Understanding the logic, Developing the Verilog Code, Simulate & Implement on FPGA Board & Test it. Overall it is very good training.”

- Shilpa. A - BEL

“This Python session had excellent presentation. Content was gradually built up from simpler concepts to more complex ones.”

- Deepti – ISRO

“LDD Training experience from Cranes was very good, It was more of interactive session. The training was full of Hands on Experience with related examples as trainer addresses all doubts.”

- T. Ramaneeswari - SDSC – SHAR

“It was overall a good training to opt for. Trainer has an excellent programming language skill and not limited to python. The way he explained the concepts was too good.”

- Yasir Habeeb - Collins Aerospace

Cranes Varsity (A Division of Cranes Software International Limited)

#82, Presidency Building, 3rd & 4th Floor, St. Marks Road, Bangalore - 560 001, Karnataka, India

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

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