



UniversalTech Automation

EXPERIENCE THE DIGITAL INNOVATION



WORLD'S LEADER OF KNOWLEDGE TRANSFER

PROJECTS | TRAINING | REPAIR & SERVICE

We are specialized in Training & Solution provider of all top OEM products



TRAINING COURSES

Training programs for Students, Operators & Engineers.



Face-to-face training



Online training



Free Guest
Lecture & Seminars



Blended learning



In-house training

- Training programs are conducted by Industry experts
- Free programming / simulation software.
- Hands on practice with **SIEMENS** and **FANUC** CNC Machines.
- Industry visit to understand real time operations.
- Application based project work and certification by **SIEMENS / FANUC**



CNC MACHINE OPERATIONS, PROGRAMMING AND MAINTENANCE

- Fundamentals of CNC Machine Operations
- Turning & Milling programming with G Codes & M Codes
- Interfacing, troubleshooting of controller, servo & spindle motors



ROBOT OPERATIONS AND PROGRAMMING

- Industrial Robot Operations & different applications
- Programming and simulation with Fanuc Robo Guide software
- Concepts of frames, mastering, Interfacing & project development



PLC PROGRAMMING AND HMI/SCADA DEVELOPMENT

- PLC controllers in process industries
- Hardware configuration, Analog processing, Functions and Function Block
- HMI / SCADA graphics design and working with PLC tags



WORLD SKILLS

- Robot System Integration
- CNC Milling & Turning



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TRAINING SIMULATORS

We are fully equipped and recognized supplier of top OEM's make training Software & Hardware simulation kits.

We also fabricate customized hardware training simulators for educational institutions.



CNC GUIDE / SINUTRAIN / ROBO GUIDE PROGRAMMING SOFTWARE

- PC based software that enables the execution and display of what is equivalent to the actual CNC.
- Turning & Milling CNC programming with 3D simulation
- Learn how to operate CNC & Robot, check the machining program and confirm the operation
- Software options available in 1, 16, 32 users license



PORTABLE CNC HARDWARE SIMULATORS / TABLE TOP MACHINES

- CNC simulator is a training device which uses the actual hardware
- Both trainings are possible by switching between the machining center & lathe
- CNC controller with physical motor setup



PLC / HMI / DRIVES TRAINING KIT

- The PLC system training kits are used for the realistic practice of operating, programming, hardware and software testing.
- PLC / Drive unit with Socket , Toggle Switch , Push Button and indication lamp
- Customized training system with Siemens S7 and Rockwell Micro & Compact series PLC's.



PROJECTS/ RETROFITTING

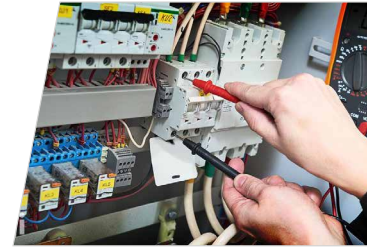
PROJECTS / RETROFITTING / UPGRADATION

- Designing, Fabrication, Installation and Commissioning of Industrial Automation systems (PLC, HMI/SCADA/DCS, Drives and Process Instrumentation panels)
- Retrofit and upgradation of CNC /PLC / HMI / DRIVES



SERVICE AND REPAIR

- Breakdown / Maintenance Service Calls
- Turnaround Maintenance Contracts
- Repair of CNC hardware simulator, Table Top Machines, Motor and Drives



CNC MACHINING JOB WORK SERVICES

- Our machine shop services include CNC turning, CNC milling, automatic bar machining, multi-spindle machining.
- We make use of advanced techniques, tools and machines to render this service with high level of accuracy
- Precision machining of all common raw materials like Stainless Steel, Aluminum, Copper, Brass and Plastics




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For more information

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