23rd Jan, 2016

V.E.S Institute of Technology, Chembur

Department of Instrumentation

AIA Campus Connect

V.E.S. Institute of Technology (V.E.S.I.T) has been chosen as "Competency Development Center" by Automation Industry Association (AIA) to conduct " A Course on Integrated Automation" as a part of CAMPUS CONNECT initiative by them.

Automation Industry Association founded in 2004 is India's apex automation industry body and has pioneered the vendor-neutral approach in spreading knowledge and creating awareness on Global standards and practices in the ares of Electrical Automation, Mechanical Automation, Continuous and Batch Process Automation, robotics, Machine vision assembly and Material handling systems.

The CAMPUS CONNECT programme creates "Competency Development Centers" which entail sustained engagement with students and academia for proliferation and promotion of contemporary and relevant education in Automation. The intent of CAMPUS CONNECT programme is to showcase the blended learning model's potential and ignite faculty and students with new conversations about Integrated Automation learning and relevance to career needs in Industry.

This add on course gives more weightage to hands on training on the six kits specially made for this purpose as--

1) Sensors (P&F):
   A variety of sensors, encoders and counters are available on this kit for practical understanding and experimentation
2) Pneumatics`(Festo):
   It incorporates actuators like single acting and double acting cylinder, control valves like quick exhaust, 5/2 way pneumatic actuated valves, time delay, shuttle and dual pressure.

3) Controls and Visualisation (Siemens):

   This kit combines controller hardware with a Human Machine Interface panel. Here, physical signals can be connected via relays or directly on I/O cards.

4) Motion Control (B & R Automation):

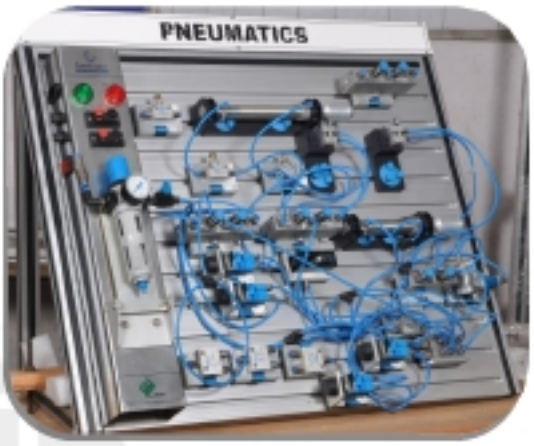
   This kit is designed keeping in view a holistic approach to Generic Motion Control. It is self-contained with several advanced components like master controller with HMI, servo drive, stepper drive.

5) Integrated Stand-I and II:

   These stands are to impart an effective hands-on experience in the design and execution of comphrensive automation solutions. It includes input devices, control devices, actuator and visualization devices on a single platform

V.E.S.I.T has organised "Integrated Automation : Basic Course" for T.E and B.E students of Instrumentation from 14th to 21st Jan, 2016 as a part of this program.

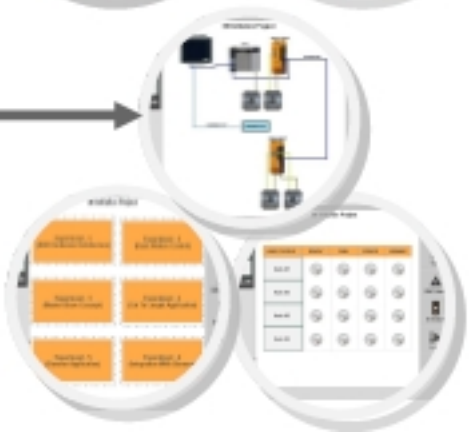
SENSORS


PNEUMATICS

CONTROLS & VISUALISATION

FESTO
CAMPUSCONNECT
SIEMENS
HARDWARE TEST

MOTION CONTROL



INTEGRATION STAND - I
INTEGRATION STAND -II