

COLLEGES WE ARE ASSOCIATED WITH



SOME OF THE COLLEGES WHERE SEMINARS/WORKSHOPS WERE CONDUCTED

IIT-MADRAS

IIT-BHUBANESWAR

NIT-WARANGAL

NIT-CALICUT

NIT-TRICHY

SIT TUMKUR

VELLORE INSTITUTE OF TECHNOLOGY (VIT)

BMS COLLEGE OF ENGINEERING (BMSCE)

MS RAMAIAH INSTITUTE OF TECHNOLOGY (MSRIT)

PES UNIVERSITY

BMS INSTITUTE OF TECHNOLOGY (BMSIT)

BANGALORE INSTITUTE OF TECHNOLOGY (BIT)

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY (SIR MVIT)

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY (DR. AIT)

THE OXFORD COLLEGE OF ENGINEERING

ACS COLLEGE OF ENGINEERING

RAJARAJESHWARI COLLEGE OF ENGINEERING

KSSEM



VENJAY INSTITUTE OF AUTOMATION

GET TRAINED FROM INDUSTRY EXPERT
WORK ON LIVE INDUSTRY PROJECTS

TRAINING

SEMINAR

INTERNSHIP

LAB SETUP

INDUSTRIAL VISIT

SYLLABUS DEVELOPMENT

INDUSTRY ORIENTED PROJECTS

FACULTY DEVELOPMENT PROGRAMME
(TRAINING THE TRAINERS)



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VENJAYINSTITUTE.COM

INDUSTRY BACKGROUND FOR VENJAY INSTITUTE OF AUTOMATION

VENJAY AUTOMATION, SATRTED IN 2009
BY A TECHNOCRAT WITH AN ABUNDANT INTERNATIONAL EXPERIENCE.
ITS PROMOTER **MR.VENUGOPAL** WAS A REGIONAL MANAGER
WITH **GENERAL ELECTRIC** IN SINGAPORE AND HAS A WIDE
INTERNATIONAL EXPERIENCE. SINCE ITS INCEPTION,
VENJAY AUTOMATION HAS MADE A STEADY PROGRESS IN
EXECUTING PROJECTS IN VARIOUS VERTICALS,
THUS PROVING ITS TRACK RECORD IN ITS INTEGRATION ABILITY.

HERE ARE SOME OF OUR PROJECTS



CUSTOMER: **AL FUJAIRAH STEEL BARRELS LLC,**
DUBAI, UAE

HIGHLIGHTS:
1. THIS FACTORY PRODUCES **8000**
STEEL BARRELS IN A SHIFT
2. FULLY AUTOMATED PLANT WITH
MULTICOLOUR PAINT BOOTH

PROJECT : HYBRID GENERATOR/SMART GRID
CONTROLLER
END CUSTOMER : DLRE – SINGAPORE
(PULAU UBIN ISLAND – SINGAPORE)
OEM : INTEGRATED ELECTRIC



PROJECT : AIR DEFENCE GUN CONTROL SYSTEM
INTEGRATED FUEL MANAGEMENT SYSTEM
AMMUNITION STATUS DISPLAY SYSTEM

HIGHLIGHTS : ALL THE ABOVE PROJECTS
WERE DEVELOPED FOR
"ARJUN (MARK II) BATTLE TANK

OEM : BHASKARA DYNAMICS - BANGALORE



What is Industrial automation?

It is a system which utilise less resource to
produce more. It controls,
monitors and protect the manufacturing process

What is the purpose of industrial automation?

The purpose of automation is to improve
productivity, accuracy, repeatability.

What are the Benefits of automation?

Today cars are produced in less than a minute.
1 lakh concrete blocks produced in a day with just 5 people
today 5 people can control a steel plant
If you produce more by utilising less resource,
you can remain competitive

Why we should make a career in automation?

Automation is a growing market and there is always
need for automation engineers

Total estimated market of estimated market size of AUTOMATION
in INDIA is excess of 12,000 Cr

Which are the branches that can get into automation?

EEE , Mechanical , Instrumentation , Mechatronics

PRODUCTS AND DEVICES COVERED DURING TRAINING



PLC, SCADA, HMI, VFDs (AC DRIVES),
SERVO DRIVES, BLDC MOTORS,
ENCODERS, LVDT, LOAD CELL, PID LOOPS,
OPTICAL & PROXIMITY SENSORS,
HYDRAULICS AND PNEUMATICS,
ULTRASONIC SENSORS, LASER SENSOR,
PRESSURE, TEMPERATURE AND FLOW SENSORS.