Short Term Training Programme on
CNC PROGRAMMING AND MAINTENANCE

Course Contents:
Programming and Operations of CNC Lathe
Programming and Operations of CNC VMC
Toolings for CNC Machines
Maintenance of CNC Machines

Course fee: Rs. 6000/-
Timings: 9.00 am to 4.30 pm
For further details call: 8973509825
DEPARTMENT OF ROBOTICS AND AUTOMATION ENGINEERING
PSG COLLEGE OF TECHNOLOGY
Online training programme on
PLC AND HMI PROGRAMMING

CONTENTS

• Introduction and Architecture of PLCs
• Hardware configuration of S7-1200 PLC
• Programming Instructions
• Configuration of data blocks
• High speed counter
• Analog programming

• PTO / PWM concepts
• Analog value processing
• Servomotor control
• HMI selection and configuration
• Measured value processing
• Maintenance and Troubleshooting

Starts on : 16.08.2021
Timing : Between 09.00 and 4.30 pm
Weekend batches also available
For further details contact : 8973509825
Online workshop on
PNEUMATIC CIRCUIT DESIGN AND SIMULATION

About the College

PSG College of Technology established in 1951, is one of the many educational institutions nurtured by PSG & Son's Charities Trust. The college is government aided, autonomous, ISO 9001 certified and affiliated to Anna University. Equipped with latest facilities and excellent infrastructures, the college offers a total of 60 full-time and part-time under graduate and post graduate programs in Science, Engineering and Management.

About RAE Department

Department of Robotics and Automation Engineering (RAE) was established in the year 2011 to meet the growing demand for trained manpower in the field of Robotics and Industrial Automation. Robotics and Automation Engineering is an inter-disciplinary course tailored to develop superior quality robotics and automation talent for manufacturing, defense, food, aerospace, medical and service sectors. The department has competent and committed academicians supported by professionals to enhance the quality of the program. The department also hosts 10 Centres of Excellence (CoEs) that are actively involved in research and development projects and consultancy services. The department has organized conferences and workshops that enable the students and faculty to access the latest trends in Robotics and Automation.

Workshop Contents:

- Pneumatic Automation
- Applications of Pneumatic in the field of automation
- Components of Pneumatic – Construction and Working
  - Compressors; Actuators – Linear & Rotary; Direction, Pressure & Flow Control Valves;
  - Timers and Counters
- Design of Pneumatic & Electropneumatic circuits
- Pneumatic circuit Design and Simulation using FluidSim software

Faculty: Dr. M. Suresh Associate Professor, RAE / Ms. V. Vishwa Priya Assistant Professor (Sr. Gr.), RAE / Dr. S. Prabhakaran, Assistant Professor (Sr. Gr.), RAE

Eligibility: UG / PG Students / Industry personnel / Research scholars / Faculty members

Course fee: Rs. 500/-

Duration: 2 days

Registration details: Registration for the workshop can be made through the link https://forms.gle/DYQSmGNbvowvxRTW7

Online Payment Details: PSG CNCE, Central Bank of India, Peelamedu Branch
Account Number: 1481267367 / IFSC Code: CBIN0280913

For queries contact: Ms. K. Vidya, Mobile: 8973509825