APPLICATION FORM

Robotic Welding Technology

Name: ........................................
Designation: ............................... 
Qualification: ............................... 
Age: ........................................
Sex: Male / Female
Address for communication: ............................... 

Mobile
E-mail
DD Details: Amount: .............
DD No.: ............................ Date:............................
Bank: ..............................

DECLARATION BY THE CANDIDATE
The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place: ............................
Date: ............................

Signature of Applicant

SPONSORSHIP
Mr./Ms. Dr. ................................. is an employee of our Institution/Industry and is hereby sponsored. He/She will be permitted to attend the workshop
Office Seal:
Place: ............................
Date: ............................

Signature of the
Sponsoring Authority

ORGANISING COMMITTEE

Chairman
Dr. K. Prakasan
Principal i/c, PSG College of Technology

Convenor
Dr. B. Vinod
Head, Dept. of RAE

Co-ordinator
Dr. N. Murugan
Professor, Dept. of RAE

Co-Coordinator
Ms. V. Parvathi Priya
Assistant Professor, Dept. of RAE

CONTACT FOR REGISTRATION

The duly filled application form to be sent to:

Ms. V. Parvathi Priya,
Department of RAE
K-308, K Block, Second floor
PSG College of Technology
Peelamedu, Coimbatore - 641004
Mobile: +91-98422 94220
E-mail: vpp.rae@psgtech.ac.in

ROBOTIC WELDING TECHNOLOGY

Organised by

DEPARTMENT OF ROBOTICS AND AUTOMATION ENGINEERING
PSG COLLEGE OF TECHNOLOGY,
COIMBATORE-641004

In Association With

Centre of Excellence in Welding Engineering and Technology PSG College of

INDIAN WELDING SOCIETY
COIMBATORE CENTRE
ABOUT COURSE
Welding robots are essential components of today’s fabrication industry requiring welding, automation. The demand for the use of robots stems from the potential for flexible, intelligent machines that can perform tasks in a repetitive manner at acceptable cost and quality levels.
Robotic welding is being initiated to satisfy a perceived need for high-quality welds in shorter cycle times removing the most of the deficiencies attributed to the human factor. Thus, robotic welding is critical to welding automation in many industries such as automotive, aerospace, power, nuclear, shipping etc..

The main objective of the workshop is to provide basic concepts and practical knowledge about various robotic welding system and its applications to the welding engineers, faculty members and researchers. Also it is aimed to present an in-depth knowledge about the robotic welding processes, the welding robots and the corresponding industrial applications. Participants will be given hands on training on Robotic Gas Metal Arc Welding system.

CONTENTS
- Robotic welding processes – GMAW, GTAW, EBW, RSW, FSW
- Introduction to Welding Robots, and its Controllers
- Robotic Welding, Robot programming – teach pendant and basic program structure
- Industrial Applications of Robotic Welding

WHO CAN ATTEND
- Practising Welding Engineers
- Researchers working in Robotic Welding
- Faculty members of Engineering Colleges
- Research Scholars
- Students