

APPLICATION FORM

Robotic Welding Technology

Name :
Designation :
Qualification :
Age :
Sex : Male / Female
Address for communication :
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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 : Signature of the

Date : 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**

THE INSTITUTION

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 60 full-time and part-time under-graduate and post graduate programs in Science, Engineering and Management. The institution has a strong alumni base, most of them occupying coveted positions in many educational, industrial and research organizations all over the world. The college has established 46 Centres of Excellence (CoE) in the campus in association with various leading industries. One among them is the CoE in Welding Engineering and Technology (CoEWET) being established with a grant in aid from Department of Heavy Industry (DHI), Government of India for promoting new manufacturing technologies in the field of welding automation, advanced welding power sources & design and development of welding consumable for new materials.

DEPARTMENT OF RAE

The Department of Robotics and Automation Engineering was established in the academic year 2011 in order to meet the growing demand for trained manpower in the field of Robotics and Industrial automation. This unique program is tailored to develop superior quality robotics & automation talent for manufacturing, defense, food, medical aerospace, and service sectors.

The Department draws teaching talent from industry and professional practice, apart from competent and committed academicians to enhance the quality of the program. A full-fledged centre for robotics is operational, which houses various kinds of robots. The Department has several laboratories and six centres of Excellence.

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

RESOURCE PERSONS

Dr.N.Murugan

Professor – Dept. of RAE-PSG CT

COURSE FEE

Industry members	: ₹ 700/-
Faculty members	: ₹ 600/-
For Non-IWS	: ₹ 600/-
Students For IWS	: ₹ 500/-
Students (Inclusive	

The course fee includes cost towards working lunch and refreshments.

REGISTRATION

Registration for workshop can be made by sending the duly filled application form along with a Demand Draft drawn in favor of “**PSG CNCE**” payable at Coimbatore on or before **31.07.2019**.

Important Dates

Last date for receipt of the application : 31/07/2019
Intimation of Acceptance by e-mail : 01/08/2019
