



**DEPARTMENT OF  
ROBOTICS AND AUTOMATION ENGINEERING  
PSG COLLEGE OF TECHNOLOGY**



**COIMBATORE**

**International Conference on Advancements  
in Automation, Robotics and Sensing  
(ICAARS 2018)**

***Pre-Conference Workshop On  
Robotic Welding & Industry 4.0  
13<sup>th</sup> December 2018***

ICAARS 2018 is pleased to announce the pre-conference workshop that has been planned to complement the technological advancements in the field of Robotic Welding related to Industry 4.0 on 13<sup>th</sup> December 2018. This will provide an insight to the following research aspects of Robotics.

***SESSION DETAILS***

<b>SESSION</b>	<b>TIMING</b>	<b>TOPIC</b>	<b>SPEAKER</b>
I	9.15 am- 10.00 am	Welding Robot	Mr.M.Kanagarajan Manager Robotics Hirotech India Pvt Ltd
II	10.00 am- 10.45 am	Opportunities for COE Welding to assist Robotic Welding Application	Dr.K.Asokkumar Additional General Manager & Deputy Head, CoEWT, PSGCT
III	11.00 am- 11.45 am	Robotic Wire Arc Additive Manufacturing	Dr.N.Murugan Professor Dept.of RAE, PSGCT
IV	11.45 am- 12.30 pm	Robotic Welding Power Sources and Applications	Mr.Shankar Praveen Area Manager Fronius India Pvt Ltd
V	12.30 pm- 1.15 pm	Robotic Welding & Applications	Mr.Durgaprasad Technical Expert in Robotic Arc Welding Fanuc India Pvt Ltd
VI	2.00 pm- 3.15 pm	Digital Manufacturing & Industry 4.0	Mr.K.Ravi Head-Information Technology & AI Anthem Biosciences Pvt Ltd
VII	3.30 pm- 4.30pm	Preparation of Research Proposal	Dr.Richard Voyles Purdue University, USA & Dr.M.Sundaram Associate Professor Dept. of RAE, PSGCT



## Objective

The pre-conference workshop will provide a platform for the researchers, industrial experts, academicians and practicing engineers to exchange information related to technological advances in the field of robotic welding. It will also give an opportunity to share the knowledge and experience on the latest developments and trends in robotic welding processes and the techniques such as spatter free welding with Cold Metal Transfer, Wire Arc Additive Manufacturing (WAAM) of engineering components for advanced applications using Robotic Welding System, etc.

## Benefits

Any modern industry executives, researchers and academicians who wish to successfully face the challenges of increasing globalization and competitiveness should consider the latest advances in Robotic Welding, as they become a factor that spreads through the more advanced organizations and differentiate from the rest. The workshop enables the industry's leading researchers and academicians to closely interact with the region's important research and industrial communities. It will offer the participants an opportunity to glimpse into what the future of robotic welding, WAAM and industry 4.0 in the global scenario are destined to be. By bringing together the researchers from Academia and Industry, the program committee of the workshop hopes to foster their collaboration and promote exchange of ideas.

## Registration fee (Including service tax)

Students : Rs. 1 000/-

Academicians : Rs. 1 500/-

Participants representing industry : Rs. 2 500/-

**For registration, visit  
<http://psgtech.edu/icaars2018>**

## Mode of Payment

### Demand Draft:

Registration fee can be remitted by way of Demand Draft drawn in favour of, "ICAARS PSGCT" payable at Coimbatore and the same may be sent to


Ms.V.Parvathi Priya / Ms.K.Vidya


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Room No:- K-301, K Block, II Floor

PSG College of Technology

Coimbatore - 641004

 8072348349 / 8973509825

 9842294220

 vpp.rae@psgtech.ac.in / cia@psgtech.ac.in

### Online Transfer/ NEFT Details:

Pay to : ICAARS PSG CT

Bank Name : Central Bank of India

Bank Address : PSG Tech Campus, Avinashi Road, Peelamedu, Coimbatore- 641004.

Account No. : 3519960030

Branch Code : 280913

Swift Code : CBININBBOSB

IFSC Number : CBIN0280913

**Please include conference name "ICAARS – 2018, Pre-conference Workshop" in the bank document.**

PSG CENTRE FOR NON FORMAL & CONTINUING EDUCATION  
DEPARTMENT OF ROBOTICS AND AUTOMATION ENGINEERING

International Conference on Advancements in Automation, Robotics and Sensing  
(ICAARS 2018)

Pre conference workshop on  
**ROBOTIC WELDING & INDUSTRY 4.0**

13<sup>th</sup> December 2018

**REGISTRATION FORM**

Name : .....

Qualification : .....

Experience (if any) : .....

Designation & Dept.: : .....

Organisation : .....

Address for Communication : .....

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Office No. : .....

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Date: