

**IWS**

Coimbatore Centre &  
Southern Zone



Jointly Presents



**2<sup>nd</sup> INTERNATIONAL CONFERENCE  
ON  
ADVANCES IN CUTTING, WELDING & SURFACING  
(CWS 2013)**

Low Cost Automation & Energy Saving Process

**COME AND WITNESS THE FUTURE OF FABRICATION INDUSTRY**



**September 20 - 23, 2013**  
**CODISSIA Trade Fair Complex, Coimbatore, INDIA**

In Association with



**CODISSIA**  
INTEC TECHNOLOGY CENTRE



International Trade and  
Exhibitions India Pvt. Ltd.



Coimbatore Institute  
of Technology



Welding Research Institute





## INDIAN WELDING SOCIETY

**IWS**  
Coimbatore Centre &  
Southern Zone

Indian Welding Society is a premier professional body, devoted to the cause of welding in the country for the past 10 years. The society is committed for promoting advancement in welding, cutting and reclamation, hard facing & related technologies and providing a forum for professional exchange of information, experience and developments in the field. With its headquarters at New Delhi, the capital city of India, the society has a federal structure consisting of different regional centres in the North, East, West, South and Central Zones of India.

Since its inception, IWS is pursuing the knowledge dissemination goal on a continual basis. It is organizing national / international workshops, seminars, training programmes, lectures, technical talks, etc. through its centres, zones and headquarters throughout the year. It is publishing IWS Journal.

The technical activities of the society make it very vibrant and it has enrolled over 3000 members in its fold. The society has close interaction with Confederation of Indian Industry (CII), German Welding Society (DVS), Singapore Welding Society, Welding Technology Institute of Australia, Asian Welding Federation (AWF), Messe Essen, Messe Dusseldorf India, IITs, NITs, a host of training & educational institutes, etc.

It has entered into MOUs with leading institutions like IGNOU, Annamalai University, IL & FS, PMU, VIT and National College to conduct distance learning programmes and welders' training programmes for BPL and rural youths including North eastern part of India.

It is one of the founder members of Asian Welding Federation. It hosted two AWF meetings so far. In the recent past, the society has conducted many national / International programmes successfully. IWS 2k3, NWS 2k5, AWF 2003, SOJOM 2004, IWS 2k5, Indo-ASEAN Tech Summit 2006, ManTRA 2k7, Surftec 7, IWS 2k8, SOJOM 2008, ManTRA 2K9, RAW 2009, WAPT\*2009, IWS 2K10, CWS 2011, SOJOM 2012, IWS 2K12 etc., to name a few.



## CODISSIA

**CODISSIA**  
INTEC TECHNOLOGY CENTRE

Being an ISO 9001:2008 organization with over 1500 members and having three decades of experience It has been preparing the industries of Coimbatore to take up the challenges of a transforming industrial scenario. CODISSIA acts as a grievance redressal forum and a liaison between the government departments and the industries in the Coimbatore region.

CODISSIA is the only District Association in the whole of India to have signed a Memorandum of Understanding with VDMA Plant and Machinery Manufacturers Association / Bavarian Section of Germany, P.E. Schall Germany. Through this, it promotes joint ventures and technology transfers and sends trade delegations etc., to foreign countries like Germany.

CODISSIA also has the unique distinction of having the maximum number of MoUs with educational institutes for the benefit of the industries and the students.



International Trade and  
Exhibitions India Pvt. Ltd.,

## INTERNATIONAL TRADE AND EXHIBITION INDIA PVT. LTD.,

International Trade and Exhibitions India Pvt. Ltd. (ITEI) - part of the ITE Group PLC UK, which has over 26 offices worldwide and organizes over 200 leading trade exhibitions and conferences each year, in 14 countries, including specialized exhibition in Building and Construction, among other. ITEI, which presently organizes a number of annual trade events and co-ordinates the participation of Indian Companies at ITE's various events around the world, has ambitious growth of expanding its existing events and launching new events that will provide business opportunities for India's growing industries.



## WELDING RESEARCH INSTITUTE

Welding Research Institute, BHEL, is a premier research centre providing total solutions to its customers in the field of materials joining through Research and Development, metallurgical investigations, training and consultancy services. In its existence of over three decades, the institute has achieved a high level of technological excellence and has assisted the Indian industry in applying the latest techniques to upgrade quality and productivity.

Over the years, WRI has been steadily building up the state of art expertise through technical co-operation with leading institutions worldwide in welding and allied fields. WRI has expertise in equipment development, technology development, management support services, repair and reclamation, welding procedure specification, residual life assessment of power and process plants, welding engineering services, testing and inspection services, production assistance to industries, system engineering, documentation services, etc. WRI has various sections and a state of art laboratory equipped with the latest research and measuring analytical equipments.



Coimbatore Institute  
of Technology

## COIMBATORE INSTITUTE OF TECHNOLOGY

The Coimbatore Institute of Technology (CIT) is one of the leading DOTE engineering colleges in Tamil Nadu located at Coimbatore, India. It was founded in the year 1956 by V. Rangaswamy Naidu Educational Trust with the aim of disseminating knowledge in the fields of science, engineering and technology.

The Institute was granted autonomous status in the year 1987 and is recognized by the All India Council of Technical Education. CIT with the NBA Accreditation offers 10 undergraduate as well as 7 Post graduate engineering courses in addition to M.S. and Ph.D. Research Programmes. Dr. A. P. J. Abdul Kalam, then President of India was the chief guest for the CIT Golden Jubilee Celebrations.

The Mechanical Engineering department of CIT has been a pioneer in establishing a Welding Research Cell for dedicated research in the field of Welding. To its credit, it has produced about 27 Ph.Ds over the period and still a lot of researchers are carrying out their Ph.D work here. It also serves as the IWS Coimbatore Centre Office right from its inception.

## FABINTEC



FABINTEC 2013 is a leading technical Exhibition for the emerging companies from tooling, cutting and trimming, stamping and precision stamping, bending and forming, embossing and joining, thus providing all the components required for the manufacturing sequence in the field of sheet metal processing and a business platform for showcasing the products and services which includes companies from detail solution and system solution as well as essential peripherals such as tooling, measuring instruments, welding technology, controllers, software and auxiliary materials.

This leading exhibition is strategically placed at Coimbatore, a major production hub for sheet metal fabrication, welding, metal forming, paints and coats, robotics and laser technology.





### ABOUT CWS 2013

Concurrent to FABTEC 2013, IWS in association with the support of Welding Research Institute, Coimbatore Institute of Technology and other premier organizations is conducting the 2nd INTERNATIONAL CONFERENCE ON ADVANCES IN CUTTING, WELDING & SURFACING [CWS 2013] during 20th to 22nd September, 2013.

The three day event will have keynote papers, contributory papers and presentations from various industries and institutes. Owing to response that CWS 2011 received and the feedback from the industry in Coimbatore, CWS 2013 comes up with a novel theme of Low Cost Automation and Energy Saving Processes.

### CWS 2013

CWS 2013 is taking place at the period in which India has been sustaining a new phase of high growth with a forecast of over nine percent growth for the next decade. Consequently, the business environment is expanding at a high pace with stress on development of infrastructure and human capital.

Processing of materials to make components in an effective and efficient way is the need of the hour to challenge the global market. Indian companies are looking forward to incorporate productive ways in cutting, welding and surfacing of materials so that they can be cost effective. The predictions on industrial growth in India indicate a growth rate, which will be exponential in the years to come and the welding industry has reasons to be optimistic.

However, there are quite a few technological challenges to be addressed with immediate concern. Non availability of skilled work force, Insufficient power, Safety and health, new alloys, low cost automation and newer processes are certainly top on the list. CWS 2013 will address the above issues concerned to the welding professionals.

The presentations will include applications in the following areas:

- Low cost automation
- Energy saving processes
- Structural fabrication
- Thin sheet fabrication
- Pressure vessels, tanks and high temperature power plant applications
- Shipbuilding
- Aerospace
- Automobile and transportation field
- Non-ferrous materials and Process developments
- Repair & Reclamation
- Surfacing
- Heat treatment methods
- Welding metallurgy
- NDE methods
- Safety and environmental issues
- Human resource and related issues

### INVITATION ABOUT AUTHOR

Authors are invited to send the abstracts of their technical papers to be presented at the CWS 2013 on the above topics & theme. As a policy, the organizers prefer presentation of original Contributions in the field that has not been presented elsewhere. There will be separate awards for best papers from Research Scholars and others.

**Receipt of Abstract** : April 30, 2013  
**Acceptance** : May 10, 2013  
**Receipt of Full Paper** : June 15, 2013

Guidelines for paper will be sent along with the acceptance of abstract. The registration forms for author delegates must be submitted along with the full paper.

### INVITATION TO DELEGATES

The organizers are pleased to invite the welding professionals and engineers engaged in design, manufacturing, erection and quality control functions and academicians to participate as delegates and make the interaction mutually beneficial.

CWS 2013 aims at providing a technical platform for well known international and national experts to deliberate on the key issues of productive welding and allied processes and the emerging trends. The delegates will be immensely benefited by the deliberations.

In addition, the delegates will have an opportunity to get first hand information on the latest trends in cutting, welding and surfacing equipment and accessories that would be displayed in the concurrent FABTEC 2013. This would provide quick solution and ideas to solve their productivity and quality related issues and problems.

### PARTICIPANTS

The welding professionals, experts, scholars, research scientists and Industrialists will be attending the conference from all over the world. Also, a number of industries dedicated to materials joining and allied areas will take part in the exhibition, from all over the world.

### INVITATION TO ADVERTISERS

All the technical papers accepted for presentation will be brought out as a compendium. It would be an ideal media for publishing advertisements by organizations in the welding arena, as the proceedings will have a wide reach among the welding professionals.

### INVITATION TO SPONSORS

The organizers solicit the support of interested organizations to sponsor the event. The details are furnished in the attached registration forms





### MODE OF PAYMENT

All remittances should be made through bank draft drawn in favor of "CWS 2011" payable at Coimbatore, India. Remittances by foreign delegates / organizations should be made in equivalent convertible foreign currency by DD as above. Information about telegraphic transfer are given below.

A/C No. : 908385172  
 Bank Name & Branch : Indian Bank, Peelamedu  
 IFSC Code : IDIB000S107  
 SWIFT Code : IDIBINBBMAS  
 For Tariff Please Refer the Registration forms.

### ABOUT COIMBATORE

Coimbatore is the second largest city in Tamil Nadu. As it is exposed to the Palghat gap of Western Ghats it enjoys a salubrious climate. This has attracted a large number of textile mills to this region. It is rightly called the "Manchester of South India". Coimbatore is also known for the manufacture of motor pump sets and varied engineering goods. The city is also known for its handloom products. There are a number of technical institutions as well.

### CONNECTIVITY

Coimbatore is well connected to various parts of World by Air, Rail and Road. Numerous overnight trains and buses are available between Bangalore, Kochi, Chennai, Tiruchy, etc. It is well connected by air to Sharjah, Singapore, Chennai, New Delhi, Mumbai, Bangalore and Hyderabad.

### TOURIST ATTRACTION

There are many tourist spots in Coimbatore and it is surrounded by many nearby by tourist centres like Ooty, Coonor, Kothagiri, Siruvani Waterfalls and Dam, Valparai etc.

### ACCOMMODATION

Coimbatore has a number of three star, first class luxurious hotels and budget hotels. People of Coimbatore are known for their warmth, affection and hospitality. One can enjoy a home away from home during their stay at Coimbatore.

### REGISTRATION FORMS

The application forms for registration as delegates, advertisements as well as sponsorships are enclosed. We request you to forward the duly filled-in application with the demand draft for fees to the respective conveners, at the earliest.

TARIFF					
Author / Delegate	Fees	Advertisement		Sponsorship	
		Overseas	US\$ 150	Full page B&W	₹10,000 / \$300
IWS Non - Members	₹3500	Full page Multi Colour	₹15,500 / \$450	Diamond	₹3,00,000 / US\$ 6,000
IWS Members	₹3000	Second Cover Multi Colour	₹40,000 / \$1100	Gold	₹2,00,000 / US\$ 4,000
Research Scholars	₹2000	Third Cover Multi Colour	₹25,000 / \$800	Silver	₹1,50,000 / US\$ 3,000
Students	₹1500	Back Cover Multi Colour	₹30,000 / \$900		
		4 page centre spread Multi Colour	₹40,000 / \$1100		
		Half Page B/W	₹4,000		

COMMUNICATIONS		
Technical Papers	Delegate Registration	Advertisement
<b>Dr. N. Murugan</b> Professor and Head of Welding Research Cell, CIT, Coimbatore 641 014, INDIA Mobile : +91 97518 24123 E-mail : iwscws2@gmail.com	<b>Mr. V. Vasanthakumar</b> <b>Mr. S.J. Vijay</b> Conveners (CWS 2013) Mobile : +91 94434 73186 +91 99445 16658 E-mail : iwscws2@gmail.com	<b>Mr. K. Ravichandran</b> Marketing Manager, SRATI NGGO Colony Post Coimbatore - 641 022, INDIA Mobile : +91 97894 54501 E-mail : iwscws2@gmail.com

For More Details		
<b>Dr. V. Selladurai</b> Chairman - IWS (Coimbatore) Principal CIT, Coimbatore 641 014, India Ph : +91 422 2573187 Email : selladurai.v@gmail.com	<b>Dr. K. Ashok Kumar</b> Secretary - IWS Souther Zone <b>Mr. N. Rajasekaran</b> Past Secretary , IWS Sothern Zone, Institutions Building, 'B' Sector, Kailasapuram Township, Tiruchirappalli - 14 Ph : +91 431 2572988 - 702 Email : hqiwsindia@gmail.com	<b>Chairman</b> <b>FABINTEC 2013</b> CODISSIA G.D. Naidu Towers P.B. No.3827, Huzur Road Coimbatore 641 08, INDIA Ph : +91 422 2222396 / 397 Emails : fabintec@codissia.com

## SPONSORSHIP REGISTRATION

### Contact Person Details

Title : .....  
First Name : .....  
Last Name : .....  
Organization : .....  
Company Business : .....  
Address : .....  
.....  
..... Country : .....  
Telephone : ..... Fax : .....  
Email : ..... Mobile : .....

SPONSORSHIP DETAILS		Payment Method
Type of Sponsorship	Amount	
		Banker's draft No..... dt..... Bank ..... (Payable at Coimbatore)  All payments should be made through bank DD in favour of CWS 2011 payable at Coimbatore. Remittance can also done by electronic transfers as per the details below: A/C No. : 908385172 Bank Name & Branch : INDIAN BANK, Peelamedu IFSC Fode : IDIB00S107 SWIFT Code : IDIBINBBMAS

Date

Signature

### How to Book

For Advertisements and Sponsors  
**Mr. K. Ravichandran**  
Marketing Manager - SRATI  
NGGO Colony Post  
Coimbatore 641 022, INDIA  
Mobile : +91 97894 54501  
Email : iwscws2@gmail.com

### Office Use Only

Accounting Code : .....  
Date Received : .....  
C.R. No. : .....  
**Advertisement Matter** : Hard Copy / Soft Copy /  
Received / Yet to be received  
**Invoice** : Prepared / Not Prepared / Sent / Not Sent



### SPONSORSHIP – DETAILS, TARIFF & BENEFITS

Details	Amount		Benefits
	INR	USD	
Platinum	500000	10000	<ul style="list-style-type: none"> <li>• Sponsorship of inaugural session including tea</li> <li>• 15 minutes presentation after inaugural session</li> <li>• Name/ Logo on all prints related to the conference</li> <li>• Banners in halls except the space reserved for IWS</li> <li>• Distribution of advertisement material through Registration committee</li> <li>• 5 Free delegates</li> <li>• Presentation of bouquets to the Sponsors on the dais</li> </ul>
Diamond	300000	6000	<ul style="list-style-type: none"> <li>• 5 minutes presentation after inaugural session and platinum sponsor</li> <li>• Name/ Logo on all prints related to the conference</li> <li>• Banners in halls except the space reserved for IWS</li> <li>• Distribution of advertisement material through Registration committee</li> <li>• 4 Free delegates</li> <li>• Presentation of bouquets to the Sponsors on the dais</li> </ul>
Gold	200000	4000	<ul style="list-style-type: none"> <li>• 5 minutes presentation after inaugural session and as last presentation</li> <li>• Name/ Logo on all prints related to the conference</li> <li>• Distribution of advertisement material through Registration committee</li> <li>• 3 Free delegates</li> </ul>
Silver	150000	3000	<ul style="list-style-type: none"> <li>• 5 minutes presentation before the valedictory function</li> <li>• Name/ Logo on all prints related to the conference</li> <li>• Distribution of advertisement material through Registration committee</li> <li>• 2 Free delegates</li> </ul>
Session Sponsors per Session	25000	500	<ul style="list-style-type: none"> <li>• Sponsorship of one technical session</li> <li>• 5 minutes presentation at the beginning of the session</li> <li>• Banners in halls during the session</li> <li>• Session will be named after the sponsor in the programme list &amp; booklet</li> <li>• 1 Free delegate</li> <li>• Handing over mementos to the session chair.</li> </ul>
Delegate Mementos	200000	4000	<ul style="list-style-type: none"> <li>• Sponsors name will be printed on the gift with a sticker</li> <li>• One full page B&amp;W advt. in the proceedings</li> <li>• 2 Free delegates</li> <li>• Distribution of advertisement material through Registration committee</li> </ul>
Welcome Sponsors	100000	2000	<ul style="list-style-type: none"> <li>• Welcome board of the sponsor on all places</li> <li>• Distribution of advertisement material through Registration committee</li> <li>• 1 Free delegates</li> </ul>
Pad	25000	500	<ul style="list-style-type: none"> <li>• Sponsor's advertisement will be printed on the cover of the pad</li> </ul>
Pen	20000	400	<ul style="list-style-type: none"> <li>• Sponsor's name will be printed on the pen</li> </ul>
Bag	300000	6000	<ul style="list-style-type: none"> <li>• Sponsor's advertisement will be printed on the inner cover of the bag</li> <li>• One full page B&amp;W advt. in the proceedings</li> <li>• 2 Free delegates</li> <li>• Distribution of advertisement material through Registration committee</li> </ul>
Delegate cards & Coupons	30000	600	<ul style="list-style-type: none"> <li>• Sponsor's name will be printed on all cards and coupons</li> <li>• Distribution of advertisement material through Registration committee</li> </ul>

## AUTHOR / DELEGATES REGISTRATION

### Author / Delegate Details

S.No.	Amount	Name	Designation	IWS Member No.
1.				
2.				
3.				
4.				
5.				

Company Business : .....

Address : .....

.....

.....Country : .....

Email : .....Mobile : .....

Author / Delegate Fee		Payment Method
Author / Delegate	Fees	Banker's draft No..... dt.....
Overseas Delegates	US \$ 150	Bank ..... (Payable at Coimbatore)
IWS Non-Members	₹ 3500	All payments should be made through bank DD in favour of <b>CWS 2011</b> payable at <b>Coimbatore</b> . Remittance can also done by electronic transfers as per the details below: A/C No. : 908385172 Bank Name & Branch : <b>INDIAN BANK</b> , Peelamedu IFSC Code : IDIB00S107 SWIFT Code : IDIBINBBMAS
IWS Members	₹ 3000	
Research Scholars	₹ 2000	
Students	₹ 1500	

*For a team of 5 or more delegates ₹500/- off per delegate. 10% off for early bird registration - on or before July 25th 2012. ₹1000 or US\$50 extra for accompanying Spouse.*

Date

Signature

#### How to Book

For Author / Delegate Registration  
**Mr. V. Vasanthakumar**  
**Mr. S.J. Vijay**  
Conveners (CWS 2013)  
Mobile : +91 94434 73186, +91 99445 16658  
Email : iwscws2@gmail.com

#### Office Use Only

Accounting Code : .....

Date Received : .....

C.R. No. : .....

**Advertisement Matter** : Hard Copy / Soft Copy /  
Received / Yet to be received

**Invoice** : Prepared / Not Prepared / Sent / Not Sent

## ADVERTISEMENT REGISTRATION

### Contact Person Details

Title : .....

First Name : .....

Last Name : .....

Organization : .....

Company Business : .....

Address : .....

Country : .....

Telephone : ..... Fax : .....

Email : ..... Mobile : .....

Advertisement Tariff		Payment Method
Full Page B&W	₹10,000 / US \$300	Banker's draft No..... dt..... Bank ..... (Payable at Coimbatore)  All payments should be made through bank DD in favour of CWS 2011 payable at Coimbatore. Remittance can also done by electronic transfers as per the details below :  A/C No. : 908385172 Bank Name & Branch : INDIAN BANK, Peelamedu IFSC Code : IDIB000S107 SWIFT Code : IDIBINBBMAS
Full Page Multicolour	₹15,500 / US \$450	
Second Cover Multicolour	₹40,000 / US \$1100	
Third Cover Multicolour	₹25,000 / US \$800	
Back Cover Multicolour	₹30,000 / US \$900	
4 Page Centre Spread colour	₹40,000 / US \$1100	
Half Page B&W	₹4000	

Date

Signature

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