



INDIAN INSTITUTE OF WELDING

**Advance announcement
for the contributory technical papers to be presented
during the National Welding Seminar Kochi : 2018
to be held on 1st, 2nd & 3rd November 2018**

Venue : INTERNATIONAL SEMINAR COMPLEX
COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY
SOUTH KALAMASSERY,
KOCHI – 682 033

Seminar Theme: WELDING AND METAL PREPARATION FOR INDUSTRIAL
GROWTH : WAY AHEAD to 2025

Dear Authors,

“ GREETINGS FROM IIW INDIA ”

For the last few decades, industrial growth in India has taken a fast pace of development after the globalization process. The growth in the economy of the country has attracted several players across the globe and India is poised for multifold growth in the area. Recently the Govt. of India declared the policy of “MAKE IN INDIA” with the objective of transforming India as an International Hub for manufacturing sector. This initiative requires highly skilled manpower to make Indian products globally competitive. To meet this target, SKILL INDIA campaign was launched in 2015 with an aim to train over 400 million people in different skills by 2022. As a result, there is a vivid growth expansion of market such as pharmaceuticals, bio-engineering, nuclear technology, informatics and technology oriented higher education and India is poised to become major, manufacturing center. The structural liberalization of Indian economy, which has paved the way for globalization of each industry has had its impact on core centers such as power, steam, oil, gas, petrochemicals, and transportation. Hence, there is an imperative need for the manufacturers to maximize production without compromising on quality and by lowering manufacturing time and cost. Since welding is widely used in engineering manufacturing process, the welding industry is also poised for a vibrant change due to the need to introduce high productivity welding processes, cost effective design and reliable quality control methods.

Also advanced materials ranging from variation of existing metallic materials and composite to Nano materials and others, which widely differ in their physical and mechanical properties, are being introduced for industrial use for extended life of the components. Welding of these materials possess technological challenges in welding, fabrication in order to development of superior welding process and quality assurance criteria. Further, the role of information technology and the need to develop high quality products based on research - industrial coordination cannot be overlooked.

Skilled development in welding is all set to get major thrust in India in the years to come, with the launch of the 'MAKE IN INDIA' initiative by the Govt. of India. The welding technology one of the major fields in the campaign for MAKE IN INDIA.

OBJECTIVE OF NATIONAL WELDING SEMINAR

- To promote advanced technical welding process and disseminate the latest knowledge in the field for the professionals, industrialists, academia, faculties, researchers and their institutes and share their knowledge base in the field of welding technology and related areas.
- To support Govt. of India in implementing the mission of rapid industrialization through the programs for MAKE IN INDIA and SKILLED DEVELOPMENT and to enlighten the multinational technology transformation by involving neighboring countries.
- To develop and implement latest welding technology and metal preparation within the country to foster the economic development.
- To encourage young engineers to strive into more and more R & D activities and to innovate newer products , components, devices etc. to reduce manufacturing costs .

TOPICS TO BE COVERED DURING NWS : KOCHI 2018

Following topics are selected to be covered during the seminar:-

- Latest welding technology and cutting processes.
- Automation of welding power source and equipment.
- IoT in welding technology.
- Recent development of robotics in welding processes.
- Improvement of productivity in welding, fabrication & consumables.
- Design and manufacturing of welded components.
- Welding metallurgy and weldability analysis for ferrous and non-ferrous materials.
- Introduction of simulations in manpower training.
- Assessment of properties and integrity of weld joints.
- To resolve distortion and stresses during welding.
- Maintenance welding, quality assurance, weld related failure analysis and NDT evaluation.
- The safety and productivity in welding.
- Skilled development training and education in welding.

INVITATION TO AUTHORS

Welding technologists, scientists, researchers, faculty members, professionals and manufactures, who are interested in presenting their technical papers in the seminar are requested to send their abstract(s) of the papers in any one of the above suggested topics.

Papers in the NWS : Kochi - 2018 are requested to send their ABSTRACTS of the papers in any one of the suggested topics.

The papers should be based on original work and should not have been presented in any other national or international conferences.

To ensure the wider participation, POSTER sessions will be held along with other presentations. Authors who are desirous of presenting their papers in the Poster Session may indicate their preference while submitting the Abstract.

GUIDELINES FOR SUBMISSION OF ABSTRACT

- Abstract should be in ENGLISH and should not exceed 500 words.
- Abstract should be typed on A4 size paper leaving aside 25 mm margin on the left and 20 mm margin on all other sides.
- Abstract shall highlight the aim of the work procedures adopted for the study, collection of data, salient features of the results and conclusions.
- Name with complete postal address, e-mail ID, telephone and fax numbers of the author should be typed below the title in the abstract.
- The Abstract and full text of paper may send by e-mail only to :-

Shri. P. Govindankutty
Convener – Technical Committee
Cell : 98952 46170
Email id : iiwkochi@iiwk.org

The abstract will be scrutinized by a panel of experts in the field and the Authors should be informed regarding the acceptance along with the guidelines for submission of the full paper.

AUTHOR'S DELEGATE FEE

The authors presenting the papers should register as the delegates in the seminar at the rate of Rs.3,000/- + GST @18% (Total amount Rs 3,540/=)per delegate.

IMPORTANT DEADLINES

Receipt of Abstract	:	23 rd July 2018
Acceptance of Abstract	:	10 th August 2018
Receipt of full manuscript	:	15 th September 2018
*Early Bird Registration	:	1 st October 2018

*10% reduction on delegate fees will be given for those who registering names with payment for the NWS : Kochi - 2018 on or before this date (Total Rs 3,186/=). Authors making payment thru' NEFT may kindly intimate details of payment by above mentioned email separately.

For delegate fee payment may be made to the following account:-

Account no : 57009847615

IFSC Code : SBIN0070261

**State Bank of India , Cochin Shipyard,
Perumanur Branch**

Hope you will be able to send an abstract of your presentation followed by the full text as prescribed, which will of mutual benefit of your professional development and for the success of NWS : Kochi – 2018.

Thanking you,

Yours Faithfully,

**Jose P Philip,
Chairman Preparatory Committee,
NWS:Kochi-2018
Cell : 98470 42477, email id : josepphilip50@gmail.com**