



THE INDIAN INSTITUTE OF WELDING

(A Member Society of the International Institute of Welding)



INFORMATION BOOKLET



INTRODUCTION

The Indian Institute of Welding (IIW-India) was incorporated on 22nd April 1966 at erstwhile Calcutta to foster the development of welding science, technology, and engineering in India and since then has been serving to support the welding industry through its 14 Branches, 1 Centre and several Students' Chapters throughout India. The Institute is a not-for-profit organisation registered under Section 25 of the Companies Act, 1956 (presently Section 8 of the Companies Act, 2013) and is also registered under section 12A of the Income Tax Act, 1961, as an Institution for charitable purpose.

Through its various activities and programmes, IIW-India is now recognised as the premier professional Institute to the cause of welding in the country, with around 5000 Individual and Corporate Members. Furthermore, as a responsible member society of the International Institute of Welding (IIW), it is helping to project the importance and achievements of the Indian Welding Industry to the global community. IIW-India is also a member of the Asian Welding Federation (AWF), Confederation of Indian Industry (CII) and others.



IIW-India Branches

Bangalore
Baroda
Bhilai
Bhubaneswar
Chennai
Cochin
Delhi
Hyderabad
Jamshedpur
Kolkata
Mumbai
Pune
Trichy
Vizag



MAJOR OBJECTIVES

With a motto of '**Welding for Nation Building**', IIW-India is continuously developing itself to achieve the following major objectives:

- To assist human resource development through national and international diplomas and certifications.
- Research and development in the field of welding science and technology.
- To establish and promote international standard of quality for the Indian fabrication industry, so that the global competitiveness can be achieved.
- Skill development programme for every level of welding professionals.
- To support educational institutes and industries with respect to welding technology.
- To establish a good relationship with industry to support issues related to welding.
- To improve the image of welding and its practitioners in the society by bringing awareness about its importance and contribution to national economy.



GOVERNANCE

IIW-India is governed by its Board of Directors, called the 'Council', elected annually in the Annual General Meeting (AGM) by the members, which has overall authority for functioning of the Institute. The Council has representatives of all the Branches and all classes of members including Industrial Corporate Members.

The Institute has 7 Functional Committees under the Council and 4 independent Divisions to fulfil the motto and the activities and disburse the commitment to the welding fraternity. The Chairman of each of the Functional Committees and Divisions are selected annually by the members of the Council.

The Memorandum & Articles of Association along with the By-Laws of the Institute, specify in detail about the organisation and functioning of IIW-India.



EDUCATION, TRAINING AND CERTIFICATION ACTIVITIES

1. AM-IIW Examination:

AM-IIW Examination system, which was earlier equivalent to engineering degree as per the Gazette notification of the Government of India, is now re-introduced in a new format by the Institute, which includes theory papers, project work, practical and viva voce. Successful candidates passing the AM-IIW Examination will be eligible to become **Associate Member of The Indian Institute of Welding** and will be certified as '**National Welding Engineer**'.

Visit <https://iiwindia.com/am-iiw-examination/> or write to iiw.weldingedu@gmail.com for further information.

2. International Diplomas:

IIW-India is the only Authorised Nominated Body of the International Institute of Welding in India (ANB-India) for awarding the International Diplomas to welding professionals at various level, which are globally recognised and accepted. The courses with competency as per ISO 14731, are administered by the International Authorization Board (IAB), a wing of the International Institute of Welding, developed through international collaborations and implemented worldwide to create benchmark standard welding personnel and thereby facilitate industry to deliver high quality products and services. The two categories of qualification presently offered in India are:

- **International welding Coordination Personnel (IWCP):**
 - i) International Welding Engineer (IWE): Through Standard, Alternate and Transition routes
 - ii) International Welding Technologist (IWT): Through Standard, Alternate and Transition routes
 - iii) International Welding Specialist (IWS): Through Transition route
 - iv) International Welding Practitioner (IWP): Through Transition route
- **International Welder (IW):** Best on knowledge and practical competency in various welding processes, materials and joints, which are IFW (fillet), IPW (plate) and ITW (tube/pipe).

Visit <https://iiwindia.com/international-qualification-certification/qualifications/routes-to-qualifications/> or write to enq.anb@iiwindia.com for further information.

3. Personnel Certification Schemes:

Through its Certification Division, IIW-India conducts the following Personnel Certification Schemes through its Authorised Testing Centres (ATC) or directly by the division, where there is no conflict of interest:

- National Welding Training and Certification Scheme (**NWTCS**) in 3 levels:
 - i) Foundation Schemes (3 schemes in MMAW, GMAW and GTAW)
 - ii) Industry Oriented Standard Schemes (3 schemes in Structural and Pressure Vessels)
 - iii) Expert in Welding (1 scheme)
- National Welding Inspectors' Certification Scheme (**NWICS**) in 3 levels as per IS 18224:
 - i) Certified Welding Inspector – Basic (CWI-B)
 - ii) Certified Welding Inspector – Standard (CWI-S)
 - iii) Certified Welding Inspector – Advanced (CWI-A)
- Training of Trainers (**TOT**) for Certified Welding Trainers' Scheme (CWT)
- Welder Certification (**WC**) in accordance with different national and international codes and standards



All the above Certifications are Accredited by the National Accreditation Board for Certification Bodies (NABCB) under Accreditation Certificate no. Pr 013.

The Institute also offers the following through its Certification Division:

- Robotic Arc Welding Operators' (RAWO) Course
- Witness and Approval of Welding Procedures (WPS / PQR)
- Welding Coordinators' Course in accordance with ISO 14731

Visit <https://iiwindia.com/criteria-eligibility/certification-schemes-offered/> or write to certification@iiwindia.com for further information.

4. Company Certification:

IIW-India is the only Authorised Nominated Body for Company Certification of the International Institute of Welding in India (ANBCC-India) for certification of organisations in accordance with ISO 3834 in different levels. ISO 3834 standard (Quality Requirements for Fusion Welding of Metallic Materials) is a welding management control system for manufacturing plants and construction sites where welding is the core activity. It supplements ISO 9001 quality management system with more technical rigor by developing a weld process control system into welding management that ensures high quality products complying with several product standards.

ANBCC-India is also authorised for auditing organisations in accordance with EN 15085 and EN 1090 in collaboration with IIS Cert, Italy.

Visit <https://iiwindia.com/international-qualification-certification/anbcc-benefits-certification/> or write to mktg.anbcc@iiwindia.com for further information.

5. Skill Development Activities:

IIW-India supports industries through its various Skill Development activities, which are:

- Upskilling programme for the Welders
- Awareness programme for the Welding Engineers
- Assessments of various welding activities
- Skill Gap Analysis

Write to sdp@iiwindia.com for further information.





OTHER ACTIVITIES

- Conducts technical lectures, workshops, webinars, industry-oriented training programmes etc. at the Branch level.
- Organises seminars and conferences on welding and allied sciences at Branch, National and International level.
- Organises National and International welding and cutting exhibitions.
- Supports welding research and development activities by instituting awards to scientists, research scholars and engineers for their papers presented during the annual seminar.



- Coordinates with International Institute of Welding and other Technical and Research Institutes in India and abroad for exchange of technical information.
- Conducts competitions to encourage amateurs, professionals, practitioners and students towards welding, which are:

- i) National Skill Competition for Best of the Best Welders (in different categories)
- ii) National Best Welder Competition for Women (in different categories)
- iii) National Best Welding Engineers' Competition
- iv) Aspirant Welding Engineers' Competition
- v) Young Engineers' Competition
- vi) Welded marvels – Project Trash to Treasure



- Encourage and support the Winners of the National Skill Competitions to take part in the international arena.

Write to iiw@iiwindia.com for further information.





WELDING RESEARCH FOUNDATION

In line with its professed philosophy 'Welding for Nation Building', IIW-India has established **IIW-India Foundation** for furthering the cause of welding science and research. It is an inter-disciplinary body funded by the fabrication and construction industries, welding product manufacturers, steel and non-ferrous metal manufacturers and Government bodies. The main objectives of IIW-India Foundation are:

- To encourage research in the field of welding, cutting and joining aligned to the requirements of the industry after assessing the anticipated needs.
- To identify academic and research institutes which can provide such environment.
- To support different sectors through National Welding Capability mission.

Write to iiwmum01@gmail.com for further information.



RESEARCH AND DEVELOPMENT IN WELDING

In association with Pandit Deendayal Energy University (PDEU), Gandhinagar, Gujarat, IIW-India has established IIW-India – PDEU Welding Research and Development Centre (IPWRDC), with the purpose:

- To carry out research in the field of welding technology/materials
- Provide facility for research work for students of B.Tech/M.Tech/PhD levels
- Support the industry in solving welding-related problems
- Better industry and academia interactions
- Develop new welding processes and consumables for new grades of materials

Write to vishvesh79@gmail.com for further information.

The institute also established a Welding Lab in its Head Office at Kolkata, where modern equipment is available for research and training purposes.

Write to iiw@iiwindia.com for further information.



ADVANTAGES OF BEING A MEMBER OF IIW-INDIA

On becoming a member of IIW-India, one joins the wide fraternity of welding professionals both in national and international levels. Various seminars, conferences, workshops, and technical lectures organised by the Institute not only provides platform for exchange of technological knowledge and information, but also serve as forums for establishing contacts and information with professionals on one's chosen field. Other specific benefits are:

- Every member is eligible to receive a free e-copy of the Indian welding Journal (IWJ). The journal contains articles and news on latest development in welding technology. This journal is published quarterly in collaboration with American Welding Society (AWS).
- Members are eligible to publish their paper in IWJ, if fulfilled by the requirements stated in the guideline.
- Members are eligible to attend any international or national events organised by the Institute at a discounted delegate fee.
- Members are eligible to present their paper in the seminars organised by the Institute, if selected by the technical committee.
- A member is eligible to appear in AM-IIW Examination to become a National Welding Engineer, if criteria is fulfilled.
- A member will have free access to the technical library in National Head Quarter at Kolkata.
- Members are eligible to receive a discounted rate for sponsorship and advertisement during the seminars organised by the institute.
- The institute may conduct in-house tailor-made training programmes and technical lectures for the Industrial Corporate Members and may provide technical advice through experts.

Visit <https://iiwindia.com> or write to membership@iiwindia.com for further information.



To encourage the engineering students to choose Welding as a Career, a specific category of Membership has been introduced, which is 'Student Member'. Any student, not having reached the age of 25 years, and studying Engineering Degree / Diploma course in an Educational Institution in any discipline, is eligible to be a Student Member.

Benefit For The Students

To encourage the Student Members, IIW-India has taken several initiatives, which are in short:

- Seminars and Workshops at different institutions
- Organising Quiz Contests for the Students
- Organising Industry visits for the Student Members
- Supporting Students' Chapters for organising Seminars by the Students
- Offering free membership of the American Welding Society (AWS)
- Organising National level competition for the Best Students' Chapter

Write to iiw@iiwindia.com or yp@iiwindia.com for further information.



Please come and join the revolution to build the Nation through welding!

Welding for Nation Building!



A view of IIW-India House



THE INDIAN INSTITUTE OF WELDING

Registered and Head Office

IIW-India House, Plot No. 38, Geetanjali Park, 200 Kalikapur Main Road

P.O. : Mukundapur, Kolkata - 700 099, INDIA

Tel. : 91 33 2416 0826 | Mob: 9830123968

E-mail : iiw@iiwindia.com | Website : <https://iiwindia.com>

CIN : U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

July 2025