

INTELLIGENT WELDING MANUFACTURING SYMPOSIUM during IIW 2024 on July 7th, 2024 at Rhodes Island, Greece.

Dear IIW community,

In the context of the **77th IIW Annual Assembly and International Conference on Welding and Joining**, a Symposium on Intelligent Welding Manufacturing is organizing, on 7th of July 2024. Intelligent welding systems technologies are shaping the Industry future and advancing the welding and joining processes to new frontiers.

Join us in a world of Join!

The Symposium topics includes, among others.

- Welding manufacturing processes sensing, monitoring, identification (dynamic model) and control
- Robotization of all welding manufacturing processes
- Human-robot collaborative welding and additive manufacturing
- Application of deep learning, artificial intelligence, computer vision, image/signal process processing to welding manufacturing
- Application of data driven techniques to welding manufacturing
- Future Development

Presentation Portal (eventsair.com)

The Intelligent Welding Manufacturing Symposium is going to take place, in Rhodes Island, Greece, on Sunday 7th of July 2024, in the Context of the 77th IIW Annual Assembly and International Conference, in Rodes Palace, from 9.00 to 17.00

Registration option only for the Symposium of Intelligent Welding Manufacturing is provided. Please proceed to Registration page, for further information.

If you wish to present, please do not hesitate to access the Presentation Portal (eventsair.com). The Symposium organizers will feed back you in a short time.

We are looking forward to meeting you in Rhodes!

Yours sincerely,

Rosario Russo

Administrative & Communication Specialist

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Mobile: +39 3316819665

Headquarters and Office:

Lungobisagno Istria 15A – 16141 Genova – Italy



International Institute of Welding Join to the Future

Our vision:

The leading global welding community linking industry, research and education

Our Mission:

Advance welding and joining through a worldwide network





THE INDIAN INSTITUTE OF WELDING

(A Member Society of The International Institute of Welding)

Registered & Head Office

IIW-INDIA HOUSE, Plot No. 38, Geetanjali Park, 200 Kalikapur Main Road, PO: Mukundapur, Kolkata - 700099, INDIA
Tel: 91 33 2416 0826 / 2416 0942 | Telefax: 91 33 2416 0826 | E-mail: iiw@iiwindia.com | Website: http://www.iiwindia.com
CIN : U27310WB1966GAP026807

AMIIW Examinations : Summer Session: 2023-24 during July 13th 2024 and July 21st 2024

SCHEDULE

(E = Exlsting)

Date/ Day	Forenoon 10:00 A.M. - 1:00 P.M.	Afternoon 2:30 P.M. - 5:30 P.M
13.07.2024 (Saturday)	01: El. Mathematics (AME 01(E)) 02: Heat & Mass Transfer (AME – 14(E)) 03: Testing & Quality-Assurance (AME – 19(E)) 04: Testing & Quality Assurance (AME-201)	01: Physics (AME -02 (E)) 02: Welding & Allied Processes I (AME 15(E)) 03: Welding Applications (AME -21 (E)) 04: Welding & Allied Processes –I (AME -104) 05: Welding Metallurgy of Non Ferrous Alloys, Dissimilar Welding and Cladding (AME-202)
14.07.2024 (Sunday)	01: General English (AME -04(E)) 02: Computational Methods & Computer - Programming (AME-18 (E)) 03: Welding and Allied Processes-II (AME-203) (AME -22 (E))	01: Industrial Sociology (AME -06 (E)) 02: Material Science (AME -09 (E)) 03: Welding Equipment & Consumables (AME -23 (E)) 04: Weldment Design & Weld Procedure (C-23(R)) 05: Material Science (AME 101) 06: Weldment Design, Welding Procedure and its Applications (AME- 204)
20.07.2024 (Saturday)	01: Strength of Materials (AME -07 (E)) 02: Engineering Drawing (AME -11 (E)) 03: Strength of Materials (AME -102) 04: Occupational Health, Safety and Environmental Issues in Welding and Related Areas (AME-205)	01: Applied Mechanics (AME -05 (E)) 02: Welding Metallurgy - I (AME -16 (E)) 03: Engineering Economics (AME -17 (E)) 04: Economics of Welding and Fabrication (AME -106)
21.07.2024 (Sunday)	01: Chemistry (AME -03 (E)) 02: Engineering Mathematics (AME -12(E)) 03: Welding Metallurgy – II (AME -20(E)) 04: Welding Metallurgy of Steels (AME -105)	01: Electrical Engineering & Electronics (AME -08 (E)) 02: Production Engineering (AME -10 (E)) 03: Advanced Welding Technology (AME -24 (E)) 04: Production Engineering (AME -103) 05: Advanced Welding Technology (AME-206)

Last date for Receipt of Enrollment Forms : June 21st 2024

Rituraj Bose
Hon. Secretary General



WELDING - FOR NATION BUILDING



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Report on AM-IIW Examination

Winter Session 2023-24 of AM-IIW Examinations were conducted by Pen-Paper method under online supervision on January 13-14 2024 and January 20-21 2024 in two halves. Total 6 candidates applied for 27 papers of 12 subjects and 02 new applications were received in AM-IIW new syllabus for this Winter Session. 5 candidates appeared on 20 papers of 10 subjects and successfully completed the examinations. After the completion of written examinations, viva voce examinations were conducted from 01.03.2024 to 04.03.2024. Total 4 candidates appeared on the viva voce examinations.

Results of the Winter Session 2023-24 AM-IIW Examinations were published on 18.03.2024. Total 4 candidates passed in 10 papers of 9 subjects. Out of which 1 candidate failed on 5 papers of 5 subjects for not attending the VIVA Voce Examinations and another one candidate passed in written examination but failed in VIVA Voce Examination. They will get the scope of appearing in viva voce examination second time within one month from the date of publication of results.

Rituraj Bose
 Hon. Secretary General

LIST OF ADVERTISERS IN INDIAN WELDING JOURNAL Vol. 57, No. 2, April 2024

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ANBCC - INDIA NEWS

From January - March-2024

1.0 Introduction

- 1.1 During this quarter (4th quarter) of FY 2023-24 ANBCC division had carried out maximum number of activities and maintained the trend set in 1st quarter of FY 2023-2024.
- 1.2 During current quarter ANBCC successfully conducted One New Certification audit as per ISO 3834-3, One Stage I audit as per ISO 3834 -2, 5 Nos. of Surveillance Audits as per ISO 3834-2 & ISO 3834-3 combined, 1 No. New Certification Audit as per EN-15085 CL1 and 2 Nos. Surveillance audits as per EN-15085 CL1.
- 1.3 All the audits as above were carried out on site with one from another auditor off site.
- 1.4 The audit as per EN:15085 carried out by ANBCC's Indian Auditor independently as per the signed agreement between IIW-India and IISCERT.

2.0 Details of activities by IIW-India-ANBCC during the period: January to March - 2024

Sl.	Audit Type	Nos.	Type of activity and its status
01	New Certification (ISO:3834-3)	1	The audit was carried out by two auditors one on site and other off site. New Certificate issued.
02	New Certification - Stage 1 (ISO:3834-2)	1	Detailed observation report including GAP Analysis issued.
03	Surveillance Audit (ISO:3834-2)	4	The audits were carried out by one auditor on site.
04	Surveillance Audit (ISO:3834-3)	1	The audits were carried out by one auditor on site.
04	New Certification (EN-15085CL1)	1	The audits was carried out by ANBCC Auditor on site. New Certificate issued by IISCERT.
05	Surveillance Audit (EN-15085CL1)	2	The audits were carried out by ANBCC Auditor on site and as IISCERT's Auditor on site as observer at one site. Validity of respective certificates updated at IISCERT website.

3.0 IAB/IIW related activities:-

- 3.1 The 77th, IIW- Annual Assembly will take place at Greece in the month of July'24.
As decided Dr. Mahadev Shome, new Scheme Manager and CEO of ANBCC and ANB respectively will be joining the IAB's Group A. Group-B and IIW' Members meetings on ANBCC and ANB behalf.

4.0 IIWIPC related activities:-

- 4.1 As reported in the 2nd quarter report, a new division named as "IIWIPC" has been formed under IIW-India to apply for accreditation as CB from NABCB.
- 4.2 All quality documents viz. QM (Quality Manual), PM (Procedure Manual) & SD (Scheme Document) have been prepared after review by 4 members of working Group.
- 4.3 These documents have been circulated among all GC members for obtaining approval by 08-04-24.
- 4.4 Once the above approval is obtained these documents will be placed to NABCB for approval of the scheme.

5.0 Other activities/progress

- 5.1 **ANBCC Division** of IIW-India participated at Weld Expo from 19th – 23rd January 2024 & also organised a Workshop for existing Client Organizations during IC-2024, Bangalore on 23rd January 2024 between 14:00 and 16:00 hrs. with following programme.
 - a) Welcome Address- Mr. D.V. Acharya, President, IIW-India.
 - b) Introduction to the IIW certification scheme for companies (ISO 3834); relationship with the product standards used in the main markets (EU; USA) - **Dr. Luca Costa, CEO, IIW** .
 - c) Services delivered by IIW India for Welding Quality Certification for the Indian Fabrication Industry - Mr. R. Banerjee, SM-IIW-India-ANBCC
 - d) Presentations by M/S Plasser & M/S INOX (client organisations) to highlight the effectiveness of ANBCC's services to them. It was then followed by an open house discussion between participating representatives from Client Organizations and ANBCC's officials/assessors on any queries on product certification related matters. It was attended by approx. 30 participants
- 5.2 Fourth MC Meeting was held on 22nd March 2024.
- 5.3 Internal Audit was conducted by Mr. M. K. Nandi on 21st February 2024

6.0 Specific advantages of IIWs MCS

- Beside ensuring compliance with the requirements of ISO:3834, it also covers the welding related aspects of
 - a) Environment as per ISO:14001 and
 - b) Health & Safety as per OHSAS
- Under MCS of IIW, the certificate is valid for 5 years. Renewal of Certificate are carried out after 4 years of surveillance audits, while as per other certification schemes by competitors the Renewal of Certificate are carried out after 2 years of surveillance audits as the new certificate's validity is 3 years.
- As per MCS, it is a mandatory requirement to assess the competence of WCs, which is also a requirements per new version of ISO:14731:2019.



ANB – INDIA NEWS

From January to March 2024

INTRODUCTION

ADOR WELDING TRAINING DIVISION at Pune part of ADOR WELDING LIMITED was formally certified as an Approved Training Body (ATB) for conducting International Welder course as per IAB Guideline IAB-089 Part I & Part III

The 2024 Winter Meeting of IAB in hybrid mode took place from 9th January 2024 to 11th January 2024, Dr Shaju Albert, Mr Dileep Kulkarni and Mr R Banerjee participated from ANB-India side. They were joined by Dr Mahadev Shome, Mr Subhendu Chaudhuri & Mr Aloke Bose.

The sixth International Congress (IC-2024) along with concurrent Exhibition with media partner WELDFAB TECH was held between 22nd January and 23rd January '2024. Mr. Suman Chakraborty and Mr. Rajdeep Saha were deputed to manage the IIW-India stall.

Mr. Ranajoy Banerjee currently CEO-ANB and Scheme Manager- ANBCC would be retiring with effect from 1st April 2024 and Dr. Mahadev Shome will take charge for the same responsibilities for ANB & ANBCC.

In recognition of Mr. Banerjee's contribution to IIW-India for several decades and establishing the activities of ANB followed by ANBCC, he was honoured by IIW with the Lifetime Achievement Award. Mr Subhendu Chaudhuri - Director ANB was also conferred the IIW-India Excellence Award in recognition of his immense contribution towards ANB's growth and performance.

ANB ACTIVITIES

During this quarter the following activities took place:

IWCP: IWE/ IWT STANDARD ROUTE

The 14th Standard Route batch of IWE/IWT has already commenced from November 2023 at IIW-ANB ATB Cornerstone Academy, Chennai with 49 fresh candidates in hybrid mode and the programme is continuing as per the lesson plan.

For latest details please contact

Mr. Joshua Sajja
Mob: +91 98408 55583.
E Mail: cornerstonewelding@gmail.com
Address:
Plot No. 98, 1st Street. Viduthalai Nagar
S. Kolathur, Thoraipakkam-Pallavaram 200' Road
Kovilambakkam PO
Chennai – 600 117

IWCP: IWE/IWT ALTERNATIVE ROUTE

The 17th Alternative Route examination was conducted from 5th Feb'24 to 09th Feb'24 along with a few Standard Route candidates (4 nos.) simultaneously at three locations viz. Baroda, Kolkata & Chennai (Cornerstone Academy). A total of 26 candidates (11 fresh & 11 re-appearing and 04 STD RT re-appearing candidates) have attended the theory written examination followed by oral interview under direct ANB invigilation. The result are under evaluation.

IWCP: IWE, IWT, IWS & IWP TRANSITION ARRANGEMENT

The 97th Refresher Course under Transition Arrangement was conducted successfully during Nov-Dec 2023. A total of 33 candidates have attended out of which 15 candidates were awarded Diploma at different levels as given in ANNEXURE-1.

INTERNATIONAL WELDER (IW) STANDARD ROUTE

ATB Don Bosco, Cochin

Based on the declared results of 29th IW examination held during August' 2023, the names of awardees of Comprehensive Diploma in a process covering Fillet, Plate/Butt & Tube/Pipe are furnished in Table-I.

For latest details please contact

Principal - Fr Raju Philip sdb
Mob: +919483360106,
E Mail:unnaramkallel@gmail.com
Other Contact: Preethy James (+91 9446029120)
Address:
Chittoor Road, Vaduthala
Kochi – 682 023

ATB ADOR Welding Training Division, Pune:

ADOR had applied to be an ATB in December 2022 and after completion of all prescribed documentation and procedure, the final approval was given to ADOR for conducting IW curriculum with effect from 2nd February 2024. They have already started imparting course with 7 students.

For latest details please contact

Course Coordinator: Mr. Harshal Borole
Mob: +91 9130508311
E Mail: harshalborole@adorians.com
Address:
Survey No. 147/2B +3, Akurdi, Chinchwad
Pune – 411 019

ANNEXURE – I

97th Refresher Course – Transition Route
Awardees of IWE/IWT Diploma Certificates

SI No.	Name	Diploma
1	Vijay Richard Gomes	IWE
2	Kamal Kishore	IWE
3	Rajappa Amaresan	IWT
4	K. K. Subramanian	IWT
5	Ramaiya Malayalam	IWE
6	Jagadeesh Naraji	IWT
7	Amit Avinash Tiwari	IWE
8	Kiran Murlidhar Bhalerao	IWE
9	Sibaram Das	IWE
10	Tejsinh Subhashchandra Kadam	IWT
11	Vinod C C	IWT
12	Vijayakumar Kannan	IWE
13	Balakrishnan Velan	IWT
14	B. Kolanchinathan	IWT
15	Subrata Mukherjee	IWT

TABLE - I

IW Exam (29th) – STD RT – ATB Don Bosco
Awardees of IW Diploma Certificates

SI No.	Name	Levels	Process
01	Ashil Freddy	M2 M4 M6	ITW 135
02	Aman Jaison	E6 M4 T2 T4 T6	ITW 111 IPW 135 ITW 141 C
03	Abhijit P R	M2 M4 M6	ITW 135 C
04	Bilvin E R	E2 E4 E6 M2 M4 M6 T2 T4 T6	ITW 111 C ITW 135 C ITW 141 C
05	Jozef Thomas	E2 E4 E6 M2 M4 M6	ITW 111 C ITW 135 C
06	Levin Kennedy	M2 M4 M6 T2 T4 T6	ITW 135 C ITW 141 C
07	Nitin Peter	E2 E4 E6 M2 M4 M6	ITW 111 C ITW 135 C
08	Steevo K J	E2 E4 E6 M2 M4 M6	ITW 111 C ITW 135 C
09	Vineeth V	E6	ITW 111
"C" stands for Comprehensive Diploma in a process.			

List of new members inducted during 1st January to 31st March 2023

Sl. No.	Name	Branch	Sl. No.	Name	Branch
A. INDUSTRIAL CORPORATE MEMBER :			11	Mr. Naitik Manishnhai Joshi	Baroda
1	M/s. Endress + Hauser Wetzler (India) Pvt. Ltd.	Mumbai	12	Mr. Aryan Alam	Baroda
2	M/s. Adishankara Institute of Engineering and Technology	Mumbai	13	Mr. Vishnu Dilipbhai Joshi	Baroda
3	M/s. Carborundum Universal Limited - Industrial Ceramics Division	Chennai	14	Mr. Panashe Magodi Bangura	Baroda
B. LIFE MEMBER:			15	Mr. Shrutik Pareshbhai Pipaliya	Baroda
1	Mr. Meet Kamaleshbhai Patel	Baroda	16	Mr. Kaushal Bhupatibhai Chavda	Baroda
2	Mr. Samir Mishra	Kolkata	17	Mr. Bhavi Shaileshbhai Jivani	Baroda
3	Dr. Surender Kumar Sharma	Vizag	18	Mr. Suraj Dinesh Gupta	Baroda
4	Dr. Shaileshkumar Natvarlal Pandya	Baroda	19	Mr. Absar Aslam Pithadia	Baroda
C. MEMBER:			20	Mr. Aman Kumar Singh	Baroda
1	Ms. Mamta Kumari	Bangalore	21	Mr. Utsav Rajnibhai Dangi	Baroda
2	Mr. Sujay Manjappa Suvarna	Mumbai	22	Mr. Mihirkumar Rajendrabhai Sathwara	Baroda
3	Dr. Sushma Venkata Chinta	Hyderabad	23	Mr. Bhavya Haridasbhai Sadrani	Baroda
4	Dr. Yarramsetty Nagini	Hyderabad	24	Mr. Rahul	Baroda
5	Dr. Ashutosh Sahu	Hyderabad	25	Mr. Ujjwal Kaushlendra Sharma	Baroda
D. LIFE ASSOCIATE MEMBER:			26	Mr. Anand Raj	Baroda
1	Mr. Surendra Kumar Lader	Cochin	27	Mr. Adarsh Sanjeetbhai Giri	Baroda
2	Mr. Dewesh Kumar Dhankar	Cochin	28	Mr. Aditya Narayan Singh	Baroda
E. ASSOCIATE MEMBER: NIL			29	Mr. Sachin Kumar	Baroda
F. STUDENT:			30	Mr. Jay Manishbhai Khunt	Baroda
1	Mr. Ayush Singh	Baroda	31	Mr. Avinash Pal	Baroda
2	Ms. Rasaniya Bhumika Shivkumar	Baroda	32	Mr. Abhijith B	Cochin
3	Ms. Kadimisetti Vagdevi Venkata Sai Neelima	Baroda	33	Mr. Adhi	Cochin
4	Mr. Parmar Raviraj	Baroda	34	Mr. Gamit Prerack Hirenbhai	Cochin
5	Mr. Harsh Ketanbhai Katariya	Baroda	35	Mr. Godwin Mathew	Cochin
6	Mr. Tirth Niteshbhai Ghelani	Baroda	36	Mr. Joyal Raju	Cochin
7	Mr. Ye Yint Min Maung	Baroda	37	Ms. Kavya Chandra	Cochin
8	Mr. Niyitegeka Alexander	Baroda	38	Mr. Kevin Philip Jacob	Cochin
9	Md. Ashu Alam	Baroda	39	Ms. Liya Elizabeth V Koshy	Cochin
10	Md. Manzar Alam	Baroda	40	Mr. Nirmal Shaji	Cochin
			41	Mr. Paulson K Jose	Cochin
			42	Ms. Shine M Rachel	Cochin
			43	Mr. Tilu K Thomas	Cochin
			44	Mr. B N Lohith	Cochin
			45	Mr. Gobinath K	Cochin

Sl. No.	Name	Branch
46	Mr. Gowtham P	Cochin
47	Mr. Kiran B U	Cochin
48	Mr. K S Sandesh	Cochin
49	Ms. Srushti Rajesh Katkar	Mumbai
50	Mr. Ujwal Prashant Dalai	Mumbai
51	Mr. Arin Ashish Thale	Mumbai
52	Ms. Tanvi Gajanan Samant	Mumbai
53	Mr. Prayag Santosh Sutar	Mumbai
54	Mr. Vinit Prakash Mhatre	Mumbai
55	Mr. Siddhesh Atul Shelar	Mumbai
56	Mr. Tanishk Khandelwal	Baroda
G. TRANSFER of Members:		NIL

Summary		
Sl. No.	Category	No.
1	Industrial Corporate Member	03
2	Life Member	04
3	Member	05
4	Life Associate Member	02
5	Associate Member	00
6	Student	56
TOTAL NEW MEMBERS		70
Transfer of Members		00



ATTENTION MEMBERS & NEW APPLICANTS

The membership can be now obtained online through iiwindia.com

You are requested to use the following bank account details for deposit of remittances / fees for Membership & AMIIW Examination Services.

Bank Account Name : **THE INDIAN INSTITUTE OF WELDING**
 Bank Name : **STATE BANK OF INDIA**
 Type of Bank A/c. : Current Account
 Bank Branch Name : Kalikapur, Kolkata
 Bank Account Number : 35603219305
 IFS Code : SBIN0003907

All are requested to forward us the scan copy / screen shot of the transaction details to enable us to keep track of our records accordingly.

Report on Skill Development Activities

Assessment under NWTCS:

During the period 1st January 2024 to 31st March 2024 total 01 batch comprising of 30 candidates under MMAW-F were assessed at Rudraksh Institute of Advance Technical Training, Jaipur, Rajasthan. All the 30 candidates were

successfully completed their examination and NWTCS certificates were issued. Beside this another 01 batch consisting 15 candidates received for assessment from INOXVA ITMBU Welding Centre, Vadodara, Gujarat. Assessment of this batch will conducted in April 2024.

Assessment under Welder Certification:

During the period 1st January 2024 to 31st March 2024 total 01 batch comprising of 10 candidates under Up-skilling Programme for the welders (SMAW & GMAW processes) were assessed at Crescent Foundry Company Pvt. Ltd.,

Bagnan, Howrah, West Bengal from 14.03.2024 to 19.03.2024. All the 10 candidates were successfully completed their assessment Processes and Certificates of Participation were issued.

Appointment of new Assessor for assessment of IIW-India's Skill Development activity

Applications are invited from suitable candidates on Pan India basis for carrying out assessments under IIW-India's Skill Development Programmes

ELIGIBILITY CRITERIA

● Education Qualification:

Essential: B.E. / B.Tech / Diploma / ITI

Minimum experience in welding field:

- 5-years for B.E. / B.Tech qualified
- 10-years for Diploma qualified
- 15-years for ITI and others

● Professional Experience:

★ Should have wide theoretical and practical knowledge of different welding processes and basic aspect of welding technology

★ Should be familiar with practical operation of the following welding processes viz.

Basic gas welding, Arc welding, TIG welding, MIG MAG/CO2 welding, Pipe welding (TIG+ARC), Gas cutting and Plasma Cutting.

- **Physical attitudes:** Should be physically fit to carry out welders testing activities in a shop for prolonged period of 8 to 10 hours. No optical disabilities like colour blindness or night blindness.

Applications on plain paper may be sent to :

**The Indian Institute of Welding
Department of Skill Development**

IIW-INDIA HOUSE, Plot No. 38, Geetanjali Park, 200, Kalikapur Main Road,
Kolkata – 700099, INDIA | Email: sdp@iiwindia.com / iiw@iiwindia.com



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CIN: U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

OPPORTUNITY FOR BECOMING A CERTIFIED WELDING PROFESSIONAL!!

Dear Professionals,

It is my privilege to inform you all that, in accordance with the resolution taken during the 328th Council Meeting dated 30th July 2022, newly formed **IIW-India Certification (IIWIC) Division** has started its activities for the benefit of Indian fabrication industries. Apart from different certification courses conducted in different IIW-India Branches as per industry requirements, following certifications are offered by the Division:

Sl. No.	Title of the scheme	Category	Remarks
1	Certified Welder (CW)	NWTCS	Various specialisation offered as described in the scheme documents
2	Certified Welding Trainer (CWT)	TOT	Training of Welding Instructors in line with Industry requirements
3	Certified Welding Inspector (CWI)	NWICS	Basic, Standard & Advanced levels; also conforms to IS 18224:2023
4	Welder Certification	WC	Certification of Welders as per IS, ISO, ASME, AWS, etc.

We also support industries through customised Awareness Programmes, Skill Gap Analysis in the field of welding, and qualification of welding procedures.

You are requested to contact certification@iiwindia.com with a copy to iiw@iiwindia.com for further details.

With best regards,

Rituraj Bose
Hony. Secretary General

Date: January 2, 2023



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CIN: U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

GOLDEN OPPORTUNITY FOR INDIAN WELDING PROFESSIONALS!!

Dear Professionals,

It is my proud privilege to inform you all that The Indian Institute of Welding (IIW-India) has partnered with American Welding Society (AWS) to offer their online courses in subsidised and very lucrative rate for Indian Welding Professionals. Do not miss this golden opportunity!

I am sure that the same will be very much helpful for the interested professionals. At present, we are offering seven AWS courses, for which the fees are stated hereunder:

Sl. No.	Online Courses	Hour	AWS Member Pricing in USD	Non-Member Pricing in USD	Price offered by IIW-India in INR (including GST)
1	WELDING FUNDAMENTALS I (Basic Concepts +Common Welding and Cutting Processes)	14	383	511	12500
2	SAFETY IN WELDING	3	83	111	7500
3	THE SCIENCE OF NONDESTRUCTIVE TESTING	6	194	259	10500
4	ECONOMICS OF WELDING	18	489	652	12500
5	WPS/PQR EXPLAINED	4	131	175	8500
6	LEAN MANAGEMENT FOR WELDING PRODUCTIVITY	4	280	373	12500
7	CAREER READINESS	8	131	175	5500

- Please write to certification@iiwindia.com for enrolment and availing the opportunity.
- Visit <https://www.awslearning.org/iiw-india> for further details about the courses offered.

Best Regards,

For The Indian Institute of Welding

(RITURAJ BOSE)

Hony. Secretary General

Date: May 2, 2023



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E-mail: iiw@iiwindia.com | Website: <http://www.iiwindia.com>
CIN: U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

Register Online for Membership

Dear Professionals,

Avail the golden opportunity to be a part of the largest welding fraternity in India. It is now easier to be a member of The Indian Institute of Welding (IIW-India) Online, apart from the existing offline procedure. Professionals are requested to **click the link** <https://iiwindia.com/member/> or visit <https://iiwindia.com> to become a member and to be a part of the family. The criteria as per the membership category are as follows:

MEMBER	Members being individual, having Engineering Degree / Diploma or its equivalent, or having passed AM-IIW Examination, or Post Graduate Degree / Diploma in Applied Science / Technology, or an Associate Member of the Institute having experiences in the field of welding or its allied subjects with such qualification as the Council may approve; and also having experiences in the field of welding or its allied subjects for a period of minimum 5 years or as decided by the Council.
ASSOCIATE MEMBER	Associate Members being individual, i) having Engineering Degree / Diploma or its equivalent, or having passed AM-IIW Examination, or Post Graduate Degree / Diploma in Applied Science / Technology, or possessing educational qualification approved by the Council and interested in welding science and technology; Or, ii) having interest in the field of welding and allied processes or craftsmen skilled in the art of welding.
STUDENT MEMBER	Students being individual, not having reached the age of 25 years, studying Engineering Degree / Diploma / Post Graduation course in an Educational Institution and approved by the Council.

Entrance fee and Membership Subscription to be paid as follows:

Class	Entrance Fee (Rs.)	ANNUAL MEMBERSHIP		LIFE MEMBERSHIP	
		Annual Subscription (Rs.)	Total Amount Payable (Rs.)	Life Membership Subscription (Rs.)	Total Amount Payable (Rs.)
By every Member	1,250.00	1,250.00	2,500.00*	15,000.00	16,250.00*
By every Associate Member	750.00	750.00	1,500.00*	9,000.00	9,750.00*
By every Student	Nil	500.00	500.00*	---	1,000.00* / 1,500.00# (*for 3-years at a time) (#for 4-years at a time)

* GST @18% to be paid extra along with the payable amount. (GSTIN of IIW-India: 19AAATT5926E1ZC)

Note:

- Individuals can opt for Online or Offline process for application as a member of the Institute as per their choice. The link for Online Membership is mentioned above. For Offline Membership, please fill up the application form and forward through email or by post.
- Remittance against membership application should be in the form of Cash / Demand Draft / Cheque, and will be in favour of "The Indian Institute of Welding" payable at Kolkata, OR can transfer as per the details given below:

Account Name: The Indian Institute of Welding
Current Account No.: 35603219305
Bank: State Bank of India
Branch: Kalikapur (Branch Code: 003907)
RTGS/NEFT/IFSC CODE: SBIN0003907



WELDING - FOR NATION BUILDING



THE INDIAN INSTITUTE OF WELDING

(A Member Society of the International Institute of Welding)

Registered & Head Office
IIW-INDIA HOUSE, Plot No. 38, Geetanjali Park,
200 Kalikapur Main Road, PO: Mukundapur, Kolkata - 700099, INDIA
Tel: 91 33 2416 0826 / 98301 23968 | Telefax: 91 33 2416 0826
E-mail: iiw@iiwindia.com | Website: <http://www.iiwindia.com>
CIN: U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

**Attach 3
Stamp Size
Photographs**

APPLICATION FOR MEMBERSHIP

1. TO THE COUNCIL of The Indian Institute of Welding:

I desire to be admitted / transferred as Member / Associate Member / Student of The Indian Institute of Welding. I will be governed by the Memorandum and Articles of Association of the Institute and by its By-Laws as may be in force from time to time. I certify that the statements made by me in this application are true. I enclose remittance of INR. _____ being the Entrance Fee and the Life / First Annual Subscription, on the understanding that it will be returned in the event of my non-election.

Personal Details:

Mr./Ms./Dr. **Last Name** **Middle Name** **First Name**

Permanent Address with Pin Code (Mandatory)

Email: _____ Contact No.: _____

Name of the Organization with Designation, if any (Optional)

Email: _____ Contact No.: _____

GSTIN of the Organisation (if sponsored by the Organisation): _____

Date of Birth (dd /mm/yyyy): _____ Nationality: _____

Mailing Address (Tick One): Permanent Company

2. Membership of Other Professional Bodies (if any): _____

3. Present Category of IIW-India Membership with No. (If Any): _____ Date of Election _____

4. Academic Qualifications:

	Last Exam Passed	Name of the Institution / Examination Authority	Year of Passing	Verified & Certified by proposer & seconder
a) General Education				
b) Technical Education				
c) Professional Qualification (if any)				

Photocopies of all Testimonials and Credentials to be enclosed. Please attach Separate Sheet as required.

Declaration: I, _____ (applicant's name), declare that all the information submitted by me in the application form is correct, true and valid. I will present the supporting documents as and when required.

Date: _____ **Signature of the applicant:** _____

The application is Approved Not Approved

Chairman, General Purposes Committee
The Indian Institute of Welding



THE INDIAN INSTITUTE OF WELDING

(A Member Society of the International Institute of Welding)

Registered & Head Office

IIW-INDIA HOUSE, Plot No. 38, Geetanjali Park,
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E-mail: iiw@iiwindia.com | Website: <http://www.iiwindia.com>
CIN: U27310WB1966GAP026807 | GSTIN: 19AAATT5926E1ZC

APPLICATION FOR INDUSTRIAL CORPORATE MEMBERSHIP

Name of the Organisation: _____

Address: _____

Tel: _____ Fax: _____

Email: _____ GSTIN: _____

Nature of Business: _____

TO THE COUNCIL of The Indian Institute of Welding:

We, the undersigned _____ hereby apply for admission as an INDUSTRIAL CORPORATE MEMBER (CLASS-) of the Institute. If elected, we will be governed by the Memorandum and Articles of Association of the Institute and by its By-Laws as may be in force from time to time.

If elected, we nominate _____ of _____ To _____

exercise voting power on our behalf and wish publications of the Institute addressed to. We enclose remittance of Rs. _____ Being the Entrance Fee and the subscriptions on the understanding that it will be refunded in the event of our non-election. We certify that the statement made by us in this application are true.

For and on behalf of

Date: _____

Signature: _____

Recommendation by General Purposes Committee: _____

Chairman

General Purposes Committee

Dated: _____

FOR OFFICIAL USE ONLY

Membership No. _____

Elected as Industrial Corporate Member, Class _____ category, During _____ Council Meeting held at _____ on _____

Receipt No. _____ Date _____ Amount Rs. _____, Certificate of Membership issued on _____

Chairman, General Purposes Committee

By-laws: 7 & 9

Categories	Description	For 1-year Annual Subscription			For 7-years Compounding Subscription		
		Entrance Fee (Rs.)	Annual Subscription (Rs.)	Total Amount Payable (Rs.)	Entrance Fee (Rs.)	Amount Payable for Compound Subscription (7-years one-time payment for enjoying benefit of 10-years)	Total Amount Payable (Rs.)
Class-I	This shall include companies or firms engaged in the methods and means for welding and its allied processes, fabricators, manufacturers of consumables and equipment etc. and the firm shall have invested capital in fixed assets exceeding Rupees Ten Crore.	6,000.00	6,000.00	12,000.00*	6,000.00	42,000.00	48,000.00*
Class-II	This shall include companies or firms as in Class-I but with invested Capital over Rupees One Crore but not exceeding Rupees Ten Crore; also trade associations or technical societies or government bodies interested in Welding or its allied science / processes.	5,000.00	5,000.00	10,000.00*	5,000.00	35,000.00	40,000.00*
Class-III	This shall include companies or firms having invested capital not exceeding Rupees One Crore; also, Educational Institutions and recognized Technical and Research Institutions.	4,000.00	4,000.00	8,000.00*	4,000.00	28,000.00	32,000.00*

* GST @ 18% to be paid extra along with the payable amount. (GSTIN of IIW-India: 19AAATT5926E1ZC)

N.B.: 1. Remittance against membership application should be in the form of Cash, Demand Draft, or at par Cheque or Online Transfer as follows:

Account Name: The Indian Institute of Welding / Current Account No.: 35603219305 / Bank Name: State Bank of India, Kalikapur Branch / RTGS/NEFT/IFSC CODE: SBIN0003907

2. Please ensure that application form is completed in all respects.

INTRODUCTION AND AUTHOR GUIDELINE INDIAN WELDING JOURNAL (ISSN 0046-9092)

INTRODUCTION

Indian Welding Journal (IWJ) (ISSN 0046-9092) is the official journal of the Indian Institute of Welding (IIW-India) being published quarterly since 1968. **Volume 50 was published in 2017.** Articles published in it are indexed by **Indian Citation Index, EBSCO, USA, i-Scholar, and j-Gate.** This journal is recently included in the list of approved journals of the University Grant Commission (UGC). This journal includes selected technical articles published in Welding Journal of American Welding Society. Articles are invited in the broad areas of **welding and cutting** for publication in the IWJ as per the following categories;

- a) Original papers
- b) Conference papers (For journal special issues, etc.)
- c) Critical assessments / Reviews
- d) Case studies / Application areas

TITLE PAGE

The title page should include:

The name(s) of the author(s)

A concise and informative title

The affiliation(s) and address(es) of the authors

The e-mail address, telephone and fax numbers of the corresponding author

ABSTRACT

An abstract should be of 150 to 250 words and it should not contain any undefined abbreviations or unspecified references.

KEYWORDS

Four to six keywords should be included.

TEXT

Text Formatting

Manuscripts should be submitted in editable Word files as well as in PDF version.

Margins and Spacing

The top, bottom, left, and right margins should be kept one inch each. The text of the paper should be single-spaced and fully justified in 11-point Arial font in single column format. Leave one line space between paragraphs, but do not indent the first line of a new paragraph. Page numbers should be centered at the bottom. Insert a line space after the final paragraph in a section.

First level heading should be consequently numbered like 1., 2., etc., left justified, all caps and bold. Insert one line space before and after a first level heading.

Second level heading should be numbered consequently like 1.1., 1.2., 2.1., 2.2., etc., left justified, with running letter and bold, with one line space above it.

The heading of Abstract, Appendix and References are to be all caps, 11-point, bold, and centered, with two line spaces above, and one below.

Figures and Tables

Figures and tables should appear close to their first citation inside the text. Each table or figure should be centered. Each table and each figure should have centered titles that should be self explanatory. Table titles should go above the table and figure captions below the figure. Leave one line space between the title and the table or figure. Figures and tables are to be numbered consequently. Refer these inside the text as Table 1 or Fig. 1, etc. In addition, each figure should be given as separate file(s), naming the file as Fig. 1, Fig. 2, etc. Figures (including photographs, line drawing, etc.) must be clear and reproducible.

REFERENCES

Citation

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Reference citations in the text should be identified by numbers in square brackets. Some examples:

The effect has been widely studied [1-5]. The same results were observed by Reddy et al. [6].

Example

- [1] Badheka VJ and Albert SK (2009); Improving the weld penetration by application of oxide coating in GTAW of P91 steel, Proc. Nat. Weld. Sem., Kolkata, India, p.18.
- [2] Sabiruddin K, Das S and Bhattacharya A (2009); Application of the analytic hierarchy process for optimization of process parameters in GMAW, IWJ, 42(1), pp.38-46.

APPENDIX AND ACKNOWLEDGMENT

Appendices, if needed absolutely, should be placed after references section. Uses of appendices are not encouraged, in general. Acknowledgment, appendices, etc., if any, may follow the References section.

PEER REVIEW PROCESS

Manuscripts of contributed articles submitted under each category will be double-blind peer reviewed. Author(s) will be communicated with the review results, and if needed, author(s) will be required to incorporate necessary changes in the manuscript for final acceptance.

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All the contributed articles are plagiarism checked by Crossref system powered by iThenticate. A maximum of 10% similarity content will be allowed to a research paper for publishing in the IWJ.

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ASSIGNING DOI

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I, the corresponding author, on behalf of the other author(s) declare that the submission has not been previously published, nor it is being sent to elsewhere for consideration for publication. I further undertake that the paper manuscript submitted is not copied or plagiarized from any other published work(s).

I hereby transfer the right for publishing the paper in 'Indian Welding Journal' to the Indian Institute of Welding, publisher of the journal in print, electronic and any other form of publication for wide circulation of the articles. The Editor of the Journal and the Indian Institute of Welding are empowered to make editorial changes to the paper suitable for its publication.

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Signature _____
(Corresponding author)

Date : _____

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The Indian Institute of Welding
IIW-India House, Plot No. 38, Geetanjali Park
200 Kalikapur Main Road, PO Mukundapur, Kolkata - 700 099, India
E-mail : iwj.iw@gmail.com | Website : www.iwindia.com

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