



INDIAN VALVE AND ACTUATOR MANUFACTURERS ASSOCIATION

IVAMA – Technical Webinars for Skill Development Advance Program 7			
Webinar	Topic	Date	Day
1	Sealing Technology in Valves	02-Jul-2026	Thursday
2	Design Methodology for Valves	03-Jul-2026	Friday
3	Welding Technology in Valves	06-Jul-2026	Monday
4	Non-Destructive Examination (NDE) in Valves	07-Jul-2026	Tuesday
5	Flow Characteristics and Cv/Kv Values of Valves	08-Jul-2026	Wednesday
6	Functional Qualification Tests (FQT) on Valves and Actuators	09-Jul-2026	Thursday
7	Common Problems and IOM of Valves	10-Jul-2026	Friday
	Examination	17-Jul-2026	Friday

Timing: 10:30 h to 12:30 h

General guidelines for the Advance Program webinars

Program details

- The detailed syllabus and webinar-wise content are provided in Annexure A.
- All webinars will be delivered using Microsoft Teams Meeting.
- Each webinar will normally run for 100–110 minutes, followed by a 10-minute question-and-answer session.

Member companies (fees per participant)

- Single webinar: Rs 1,500*.
- Single participant attending all seven webinars: Rs 9,000*.
- For 5 or more participants from a company attending all webinars: Rs 8,000*.
- For 10 or more participants from a company attending all webinars: Rs 7,000*.
- Exclusive-company batch (all seven webinars; limited batch of 20–30 participants): Rs 6,000*.

Non-member companies (fees per participant)

- Single webinar: Rs 2,000*.
- Single participant attending all seven webinars: Rs 12,000*.
- For 5 or more participants from a company attending all webinars: Rs 10,500*.
- For 10 or more participants from a same company attending all webinars: Rs 9,000*.

* GST @ 18% will be added to the applicable fees.



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Fees and payment

- Tax Invoice shall be emailed after receipt of registration. Payment shall be made before start of the program.
- Minimum number of participants required per webinar: 20.

Certificates and assessment

- A "Certificate of Completion" will be issued to participants who:
 - attend all seven webinars of the Advance Program, and
 - pass the program examination with a score of 75% or higher.
- Participants who either score below 75% or do not take the examination will receive a "Certificate of Participation."

Registration:

- Use the link to register: <https://www.ivama.in/events/advance-program-7/registration>

Annexure A

Webinar 1 - Sealing Technology in Valves

- Principle of Sealing; Metal & Soft Seats; Pressure Joint Design (Body/Bonnet/Cover and Gaskets/Seals; Fasteners) and Stem Seals; Fugitive Emissions; Workmanship; Customer Complaints.

Webinar 2 - Design Methodology for Valves

- Design philosophy; New Product Development and Best Practices; International Codes applicable for Valve Design - ASME Sec II; III & VIII; API Stds; ASME B16.34; Finite Element Analysis/Computational Fluid Dynamics.

Webinar 3 - Welding Technology in Valves

- Need for welding in Valves; Different welding processes and Selection; Overlaying of hard faces in Valves; Welder Qualification; Inspection of Welds

Webinar 4 - Non-Destructive Examination (NDE) in Valves

- Need for NDE; Various volumetric and surface NDE; Personnel Qualification; Standards for NDE.

Webinar 5 - Flow Characteristics and Cv/Kv Values of Valves

- Definition of Cv and Kv; Different flow characteristics of Valves; Theoretical Flow Calculation – Empirical and CFD; Experimental Flow Testing; Flow induced problems and solutions.

Webinar 6 - Functional Qualification Tests (FQT) on Valves and Actuators

- Need for FQT; Cycle Test (Ambient Temperature; High Temperature); Fire Test; Cryogenic Test; Fugitive Test; Natural Frequency/Seismic Test; Pipe Load Test; Flow Test; FQT on Actuators; Care to be taken during FQT.

Webinar 7 - Common Problems and IOM of Valves

- Customer Complaints: Leakage and Operation. IOM: Bathtub Curve; Transportation; Storage; Installation; Operation; Maintenance; Trouble Shooting.