



IndiaWelds
SYNERGY 2022

*Creating Sustainable Welding Excellence
through Industry Academia Synergy*

In Technical Partnership with

NASSCOM*
Center of Excellence-IoT & AI
A MeitY Initiative with Govt. of Karnataka, Haryana, Gujarat & AP

IWS

Indian Welding Society

Skilling Partner

Panasonic

Academic Partner



HMR Instt. of Tech. & Mgmt.

Topics Day 1: 22nd Dec, 2022

- Improving Quality & Productivity – Challenges & Solutions
- Manufacturing Defects due to Welding – Causes and Remedial Measures
- Corrosion in Stainless Steel – Answering a Fabricator's Concern
- Digital NDE – What & How*

**A prelude to hands on training to be held on Day 2 as a parallel session*

Topics Day 2: 23rd Dec, 2022

- Can 5G Accelerate Adoption of AI/ML in Welding & Manufacturing
- Automation to Scale output – A Case Study on overcoming challenges to adopt automation successfully
- Advance Welding Technologies
- Creating Smarter Welders
- How to design a Centre of Excellence to skill the right way

Parallel Session on practical professional training on NDE 4.0 Methods – DR/ECT/PAUT *

**Limited Seats. On first come first serve basis.*

**Transforming Welding & Manufacturing
through
Re-engineering & Automation**

December 22 -23, 2022 | Le Meridien, Gurgaon

*Touch or Scan
to Register*



Organised by:



IndiaWelds

Making Technology Adoption Easy!

(A GoI Recognised StartUp)

#startupindia

SCHEDULE

Day1	22nd December	
Inaugural Session		
	Mr. Anil Vij (Keynote)	RITES
	Dr. Lakshmi Raman	COFMOW
10:00 -11:15am	Mr. Anand Chidambaram	HTRI/IndiaWelds
	Mr. M.K. Asthana	NTPC
	Mr. Naman Kothari	NASSCOM
	Mr. Sangar* (Invited)	NR
	MMB	IndiaWelds
Session 1	Determining quality+productivity in Welding & Manufacturing	
	Mr. M.K. Asthana (Moderator)	NTPC
11:15 -12:15 pm	Mr. Amarjeet Singh Narang	Panasonic
	Mr. Lajpat Yadav	Lincoln Electric
Session 2	Achieving sound weld joints: Focus on SS & Dissimilar Metals	
12:15-1:15pm	Prof. D.K. Dwivedi	IIT R
1:15-2:30	LUNCH	
Session 3	Creating Smarter Welders-Part 1	
2:30-3:00pm	Mr. Amit Borundiya	Optrel India
Session 4	Corrosion in Stainless Steel- A fabricator's concern	
3:00-3:30pm	Prof. D.K. Dwivedi	IIT R
Session 4	Disruptive Technologies in NDE/Inspection	
3:30-4:00pm	Dr. Shyamsunder Mandayam	ISNT
Session 5	Advanced X-ray NDE Techniques (CR/DR/CT)	
4:00-4:30pm	Mr. V. Manoharan	VisiConsult
4:30pm-5:30pm	Open House	

SCHEDULE

Day2	23rdDecember	
Session1	Can 5G accelerate adoption of AI/ ML inWelding& Manufacturing	
	Mr.NamanKothari	NASSCOM
	Mr.AnilKumar	RCNK,Sonipat
10:00 -11:15	Mr.Lokesh Singh	CRIS
	StartUp	
Session2		
11:10 -12:00 noon	ConfirmationAwaited	
Session3	AdvanceWeldingTechnologiesforweldingof SS&dissimilarmetals	
12-1:00pm	Prof.Aravindan	IIT D
1:00-2:00	LUNCH	
Session4	CreatingSmarterWelders-Part2	
2:00-3:00pm	Mr.NileshJogi	Soldamatic
	MrAntanioCalveria	Soldamatic
Session5	AutomationtoScaleproduction&Quality Output-ACaseStudy	
3:00-4:00pm	Mr.RajeshAgrawal	TATA
Session6	Skilling the right way - Designing the Centre ofExcellence	
	Dr.V CPandey	HMRITM
4:00-5:00pm	AmritYoga	Panasonic
	DrLalitNarayan	AISECT
	DeepakPandey	LincolnElectric
5:00-5:30pm	ValedictorySession	
	AnandChidambaram	HTRI/IndiaWelds



SCHEDULE

Day2	23rdDecember	
Session1	IntroductiontoAdvancesinNDE	
10:00 -10:30 am	Dr.ShyamsunderMandayam	
Session2	DigitalRadiographyandDemo	
10:30 -12:00 noon	Mr.VManoharanandMr.KrishnaBhuta	
Session3	Phased Array UTandDemo	
12:00-1:30pm	Mr.KrishnaBhuta&SrinivasKumar	
Session4	EddyCurrentArraysandDemo	
2:30-4:00pm	Mr.KrishnaBhutaandDr.ShyamsunderMandayam	
Session5	PanelDiscussion	
4:00-4:30pm	DrShyamsunderM,Mr.V.Manoharan, Mr.KrishnaBhuta,Mr.SrinivasKumar	