

| Sl. No. | Name of the Speaker | Organisation | Session No. | Time | Session Name & Topic |
|------------------------------|-------------------------------------|-----------------------------|-------------|---------------------|---|
| DAY 1: 20th Nov, 2020 | | | | | |
| | | | | 10:00 am-11:00 am | INAUGURAL SESSION |
| 1 | M.P.Jain | Former ED-EIL | | | |
| 2 | Dr. Lakshmi Raman (Guest of Honour) | PCME, COFMOW | | | |
| 3 | Rajesh Agrawal (Key Note) | Former -MRS, Railway Board | | | |
| 4 | Manish Jain * | EDME(F), Railway Board | | | |
| 5 | Anil Vij * (Special Address) | Director (Technical), RITES | | | |
| | | | I | 11:00 am- 1:30 pm | Steel Fabrication : Challenges and Solutions |
| SESSION CHAIR | | | | | |
| 1 | D. Mallik | CRWS | | 11:00 am - 11:20 am | Steel Fabrication : Challenges in the Railway Sector |
| 2 | Dr. S.Suresh | PSG CoE | | 11:30 am - 11:50 am | Challenges & Solutions in Steel Fabrication |
| 3 | Prof. Aravindan | IIT D | | 12:00 pm - 12:20 pm | Advance Welding Technologies for High Speed Railways |
| 4 | RDSO* | RDSO* | | 12:30 pm - 12:50 pm | Creating Standards for Steel Fabrication to shape the future of Indian Railways |
| 5 | ICF* | ICF | | 1:00 pm - 1:20 pm | Steel Welding Challenges in Railway Production Units |
| | | | | 2:30 pm- 3:30 pm | SPECIAL SESSION - I |
| 6 | Aman Jain | Panasonic | | 2:30 pm - 2:50 pm | An introduction to Digital Factory Solutions from Panasonic Smart Factory Solutions India |
| 7 | Adrian Macais | Soldamatic | | 3:00 pm - 3:20 pm | How Augmented Reality helps to overcome the challenges of welding training |

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| | | | II | 3:30 pm- 6:00 pm | Automation & Skilling: Challenges in Adoption |
| | R.Ravichandran: SESSION CHAIR | ICF - AWTI | | 3:30 pm - 3:45 pm | Automation opportunities and challenges in railway coach manufacturing |
| 8 | Amrityoga Mishra | Panasonic | | 3:50 pm - 4:10 pm | Acute shortage of skilled welding workforce in India can hamper infrastructure creation |
| 9 | S. Perichiyappan | IR | | 4:20 pm - 4:40 pm | Skill Development Needs of Welding Industry |
| 10 | Lajpat Yadav | Lincoln | | 4:45 pm - 5:05 pm | Bottlenecks in the industry towards adoption of Automation |
| 11 | Dr. V.N.Pandey | HMRITM | | 5:10 pm - 5:30 pm | Challenges in Skilling in Academia |
| 12 | Gaurav Lakhera | Gulco | | 5:15 pm - 5:30 pm | Future of Welding - Automation |
| 13 | Nimesh Chinoy | Sigma Weld | | 5:35pm - 5:55 pm | Making TiG Faster Semi Automatic and Automated Applications - Challenges in Adaptation |
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| DAY 2: 21st Nov, 2020 | | | | | |
| | | | III | 10:00 am- 11:40 am | Critical Welding Processes: Challenges and Solutions |
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| 14 | Dr. A. Raja | Ex-WRI | | 10:00 am - 10:20 am | Thin Sheet Welding |
| 15 | Dr.Vedabouriswaran | IIT D* | | 10:25 am - 10:45 am | Friction & Friction Stir Welding Processes |
| 16 | Dr.Tamang | IIT D* | | 10:50 am - 11:10 am | Microwave joining of Dissimilar Materials |
| 17 | | Ms. Shanthakumari | | 11:15 am - 11:35 am | Advances in GMAW Process |
| | | | IV | 11:40 am- 1:30 pm | Economics of Welding |
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| 18 | Dr. Bipin Srivastava | DLW | | 11:40 am - 12:00 pm | Productivity Enhancement/Cost Reduction Techniques of a Fabrication (welding) shop – A Practical Approach |
| 19 | Paresh Vala | Welspun | | 12:10 pm - 12:30 pm | Cost Estimation & Economics of Line Pipe Welding |

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| 20 | Dr. Ashok Kumar | PSG CoE | | 12:30 pm - 1:30 pm | Total Welding Management |
| | | | | 2:30 pm- 3:15 pm | SPECIAL SESSION - II |
| 21 | | Messer Cutting* | | 2:30 pm - 2:50 pm | Importance of Cutting for Sound Welding* |
| 22 | N.Rajasekaran | IWS | | 3:00 pm - 3:15 pm | Role of Professional Bodies in Welding Education |
| | | | V | 03:15 pm- 4:30 pm | Prevention of Weld Defects : Best Practices through Case Studies |
| 22 | Lokesh Singh | RDSO | | 3: 15 pm - 3:35 pm | Prevention of Weld Defects : Perspectives of an Inspection Agency |
| 23 | Vijayakumar | ICF | | 3:40 pm - 4:00 pm | Challenges in Controlling Distortion in Rail Coach Manufacturing and its Correction methods |
| 24 | Dr. Suresh | PSG CoE | | 4:00 pm - 4:20 pm | Prevention of Weld Defects |
| | | | | 4:30 pm-05:30 pm | VALEDICTORY SESSION |
| | M.K.Asthana | GM, NTPC | | | Valedictory Address |
| 1 | M.P.Jain | IndiaWelds | | | |
| 2 | N.Rajasekaran | IWS | | | |