

		PVP INDIA 2025 CONFERENCE			
		ROOM - MR 1.03 (1st floor)			
Date	Session	Time	Sub Track	Paper No.	Title
Day 1: 11 September 2025	Session 1	8:30-8:40	Welcome Address - Dr Dipak Chandiramani (PVP Idnia Chair)		
		8:40-9:00	PVP India 2025 Keynote Mr. Anil Parab (Whole Time Director & Sr. EVP - L&T)		
		9:00-9:20	PVP5 - Operations, Applications & Components	Invited Talk on Damage Mechanism in Renewable Jet Fuel Technology by Mr. Sudhanshu Singhal (Honeywell UOP)	
		9:20-9:40		Invited Talk by KBR	
		9:40-10:00		161116	Advances in Process Design Using Enhanced Heat Exchangers
		10:00-10:20		171591	Case Study on Jet Impingement Erosion in Multi-Stage Ball-Drop Systems - a Coupled Dynamic Erosion Approach
		10:20-10:30		Session Summary	
	Common Plenary Sessions & Lunch				
	Session 2	2:10-2:30	PVP1 - Codes & Standards	161509	Critical Factors in Optimizing Post-Weld Heat Treatment for Structural Integrity
		2:30-2:50		158517	What Is Psk Standard and Its Application in Piping Design
		2:50-3:10		159499	Relief Groove Type Unstayed Flat Head in Asme Bpvc Section I Application
		3:10-3:30		159535	Thickness Calculation of Tube Bend Extrados in Asme Bpvc Section I Application
		3:30-3:50		163632	Liquid Penetrant Examination (Pt) of Tube to Tubesheet Weld Joints and Need for Considering Stringent Acceptance Criteria.
		3:50-4:00	Session Summary		
	Coffee Break				
	Session 3	4:40-5:00	PVP2 - Bolted Joints	Invited Talk by TEMA	
		5:00-5:20		159126	Impact of Weld Joint Count and Inner Ring on Buckling of Spiral Wound Gaskets Under Load Due to Uniform Gasket Stress
		5:20-5:40		159334	Practical Application of Collar Studs for Pressure Bolting
		5:40-6:00		160560	Suggestion on Inclusion of M & Y Value of Grooved Metal With Nonmetallic Cover (Kammprofile) Gasket for Engineering of Revamp Flange Design Cases

		6:00-6:20		160092	Thread Strength and Bolting Torque Analysis in Valve Applications	
		6:20-6:40		161165	Compression Behavior of Asymmetric Profiled Spiral Wound Gasket Through Micromechanical Modeling	
		6:40-6:50		Session Summary		
Day 2: 12 September 2025	Session 1	8:30-8:40	PVP3 - Design & Analysis	Opening Remarks		
		8:40-9:00		159362	Reciprocal Exponent Function Method for Limit Loads Using Repeated Elastic Iterations	
		9:00-9:20		159365	Methodology to Evaluate Allowable Tensile Stress for Equipment Operating in Creep Range for Life Beyond ASME Limit	
		9:20-9:40		161105	Design, Development and Validation of 3D Printed Toroidal Pressure Vessel	
		9:40-10:00		160339	Fluid-Structure Interaction Modelling in Valve Design	
		10:00-10:20		171537	Blokcarb-Emission Proof Heat Exchangers	
		10:20-10:30		Session Summary		
		Common Plenary Sessions & Lunch				
	Session 2	2:00-2:20	PVP4 - Materials & Fabrication	Invited Talk by Dr Sandeep (Central Boiler Board)		
		2:20-2:40		161822	FEM Modeling of Dissimilar Aluminum - Titanium Laser Welding Using Quadruple Ellipsoidal Heat Source and Peak Temperature Prediction Using Machine Learning	
		2:40-3:00		161252	Applications of Sanicro 35: A Superaustenitic Stainless Steel With Excellent Performance to Cost Ratio	
		3:00-3:20		162637	Challenges and Way Forward for Qualification of Welding Consumables for Nuclear Application in Epc Projects in India.	
		3:20-3:40		171539	New Welding Technology for Site Fabrication of C276 Clad Fgd	
		3:40-4:00		159653	Development of Plasma + Tig Welding Process on Austenitic Stainless Steels	
		Coffee Break				
	Session 3	4:30-4:50	PVP4 - Materials & Fabrication	159236	Significance of Weld Zone (Weld and Heat Affected Zone) Oxidation in Commercially Pure Titanium Welds and Its Influence on Mechanical Properties	
		4:50-5:10		160370	Importance of Welding Process Control in Fabrication of Boiler and Pressure Vessels	
		5:10-5:30		161016	Effect of Welding Parameters and Post Weld Heat Treatment Conditions on Mechanical Properties of 3.5% Ni Steel Weld Metal	
		5:30-5:50		161029	Evaluation of SAW Process for Welding of High Thickness Duplex Stainless Steel Vessels	
		5:50-6:10		161298	From Manufacturing to Performance: Insights From Case Studies on Corrosion and Quality Assurance	
		6:10-6:30		170111	317l Single Layer Weld Strip Cladding Solution for P22v Bio-Diesel Reactor	

Day 3: 13 September 2025	Session 1	8:30-8:40	PVP6 - Non Destructive Examination	Opening Remarks	
		8:40-9:00		Invited Talk by INOX	
		9:00-9:20		160367	Qualification, Demonstration and Performance of PAUT on SS Tanks Instead of RT in Nuclear Construction
		9:20-9:40		161172	Hot Radiography of Main Coolant Pipeline Weld Joints in Light Water Reactors
		9:40-10:00		161771	NDE of Full Penetration Corner Weld Joints of Non-Circular (Rectangular) Vessels of Air-Cooled Heat Exchangers
		10:00-10:20		159888	Process Automation in Non-Destructive Examination: Digitizing Condition Monitoring and Corrective Action Workflows for Enhanced Asset Reliability
		10:20-10:30		Session Summary	
	Coffee Break				
	Session 2	11:10-11:30	PVP6 - Non Destructive Examination PVP7 - Piping Engineering	160600	Comparison Between Asme & Russian Standards on Ndt Specific to Nuclear Applications.
		11:30-11:50		161799	Normalizing Rolling of Plates and Its Significance to Non Destructive Testing – Ultrasonic Examination
		11:50-12:10		162202	Concerns and Solutions in Implementation of Employer Based Nde Personnel Certification in Nuclear Construction
		12:10-12:30		162624	Fpso Topsides Piping: A Case Study of Hog Sag and Structural Displacements Consideration on Inside Module Piping Stress Analysis.
		12:30-12:50		162647	Integrated Cause and Effect Analysis for Fpso Piping Flexibility: A Structured Approach Through an Ishikawa Diagram
		12:50-1:00	Session Summary		
	Lunch Break				
	Session 3	2:10-2:30	PVP7 - Piping Engineering	159578	Effect of B31J SIF (i) and Flexibility Factors (k) on Pipe Stress Analysis Compared to Appendix D Values
		2:30-2:50		160655	Olet or Instrument Adaptor Failure in Jacketed Piping System: Causes and Prevention Through Pipe Stress Analysis
		2:50-3:10		159154	Case Study on Mitigation of Flow Induced Vibration on Piping System
		3:10-3:30		160489	A Case Study on Comprehensive Analysis of Pump Piping Vibration and Its Mitigation
		3:30-3:50		162217	Evaluating Water Surge in Pipeline and Its Effects on Pipe Stresses
		3:50-4:00		159053	Fpso Topsides Piping: A Comparative Study of Various International Codes and Standards on Fatigue Life Assessment