



The American Society of Mechanical Engineers



IOGPC

INDIA OIL & GAS PIPELINE CONFERENCE

April 26 - 27, 2019 | Shangri La Hotel, New Delhi, India



IOGPC 2019 Organizing Committee

Conference Chair

Dr Ashutosh Karnatak, Director (Projects)
GAIL India Pvt Ltd.

Technical Chair

Dr V R Krishnan
Consultant

Review Chair

Mr Rakesh Grover
Consultant

PSD India Group Chair

Sh S Jayachandran
Reliance Gas Pipelines Limited

PSD India Group Vice Chair

Mr K B Singh
KB Singh Associates



MESSAGE FROM CHAIR

Dear Fellow Pipeliners,

I am privileged to invite you to the 7th India International Oil & Gas Pipeline Conference organised by the ASME & Its Pipeline System Division Chapter in India.

The ASME Pipeline System Division India group under the aegis of the ASME's Technical Event and Content (TEC) Segment – Energy Sources & Processing (ES&P) based in Houston, has been organizing 'Indian Oil & Gas Pipeline Conference (IOGPC)' every two years. The 7th edition of this prestigious two-day conference is scheduled to be held at New Delhi on 26-27, April 2019. This edition of the conference also envisages two pre-conference workshops, for the first time, one hosted by Reliance Gas Transportation Infrastructure Limited to be held in December 2018 in Mumbai and the other by GAIL (India) Limited in April 2019 in New Delhi/NCR, prior to the conference.

Pipelines have proven to be an indispensable part of the infrastructure around the world, especially in the energy sector, moving millions of tonnes of crude oil, refined products, liquefied petroleum gases and natural gas within & across countries and continents. Their winning characteristics of cost effectiveness combined with safety to personnel, public and environment, have contributed to rapid growth of pipeline networks across all geographies. In India, about 45000 km of pipelines are in operation at present and several more are being planned / constructed.

Pipelines are unique components of industrial operations as they traverse beyond plant premises through public spaces and hence, safety and integrity of pipelines assume greater significance. Every activity at all stages throughout the life cycle of a pipeline viz., design, material selection, engineering, construction, commissioning, operation & maintenance, decommissioning and abandonment, is therefore governed by the overarching principles of safety and integrity. In this regard, all the stakeholders of the industry be it the engineering consultant, vendor, contractor, inspector, operations and integrity engineers, all face unique challenges in implementing and maintaining pipeline systems even as new technologies emerge to address some of them. This conference aims to be the platform for dissemination of best practices amongst organizations, exchange of thoughts & ideas and sharing of experiences to help improve the appreciation and application of sound principles and practices in this endeavour.

This biennial's conference is themed on the Quality Governance, Technology, Efficiency, Learning & Competence for managing our pipeline assets. There are Technical Paper presentation Tracks covering Materials, Design, construction, Quality, Integrity Management and City Gas Distribution Systems; Panel sessions on emerging Technology usage and Workforce Competency; a Master Class on Structural Integrity of ageing pipelines.

I welcome you all to this event designed and developed by professionals of the industry for Pipeline Engineers and Managers. I also thank and congratulate the organising and technical committee for giving shape to the event and an energetic start.

Let us make the most of these two days to learn and collaborate.

See you there !

With warm regards,
Dr. Ashutosh Karnatak



TENTATIVE CONFERENCE PROGRAM

Day 1 - 26th April-2019

Time Start	Time Finish	Track Name / Disc.
08:30	16:30	Onsite registration
09:00	9 : 3 0	Conference Inauguration & Opening Address by Conference Chair
09:30	9 : 4 5	Keynote Address - PSD Chair Mr. Thomas Bubenik.
09:45	10:00	ASME PSD & IWG Introduction - Mr. Dixit Kadakia & Mr. N. BoseBabu
10:00	10:30	Expo Inauguration & Tea Break
Track 1 Materials, Design and Construction		Vanguard chair: S Jayachandran
10:30	12:50	Technical Papers
12:50	13:50	Lunch
Track 2 Quality Governance in Pipelines		Vanguard Chair: A K Tewari
13:50	15:30	Technical Papers
15:30	16:00	Tea Break/ Expo Visit & Networking
Panel Discussion II		Session Moderator : K B Singh
16:00	17:30	Competency & Efficiency
Sponsored Presentation		
17:30	18:00	
End of Technical Sessions Day -1		
18:30 Hrs Onwards : Conference Gala Dinner		

Day 2 - 27th April-2019

Time Start	Time Finish	Track Name / Disc.
Track 3 Integrity Management		Vanguard Chair : Narendra Kumar
09:00	11:40	Technical Papers
11:40	12:10	Tea Break/ Expo Visit & Networking
Track 4 City Gas Distribution		Vanguard Chair: E S Ranganathan
12:10	13:30	Technical Papers
13:30	14:30	Lunch
Panel Discussion I		Session Moderator : Ashish Kherra
14:30	16:00	Challenges & New Practices in Managing Ageing Pipeline Assets
End of Technical Sessions Day -2		
16:00	16:30	Open House
16:30	17:00	Closing Address by Conference Technical Chair
17:00	17:15	Vote of Thanks by ASME India Organizing Committee
17:15	17:30	Closing Tea Break

TRACK 1: MATERIALS, DESIGN AND CONSTRUCTION

- Current Technological Aids in Route Planning & Selection
- Modern Route Survey Techniques & Practices
- Essential Elements of Design & Engineering
- Geo-Technical Assessments
- Design Basis for Effective Corrosion Management
- Hydraulics & Surge Analysis
- Stress Analysis
- Material Selection
- High Strength Steels
- Line pipe specifications & Manufacturing
- Fittings, Valves, Installation Joints, Scrapper Traps & Auxiliary Equipment
- High Performance Coatings including Joint Coatings
- Construction
- Trenchless Installation
- Pressure Testing
- Pre-Commissioning & Commissioning
- Compressor & Pump Stations
- Deep Water Pipelines
- Project Management
- Quality Assurance & Control in Design, Materials and Construction
- Design & Construction of Pipeline Installations & Facilities
- Pipe Supports

TRACK 2: QUALITY GOVERNANCE IN PIPELINES

- Quality Assurance & Control in Steel Making & pipe manufacture, corrosion protection coatings, Valves, Flow Tees, Isolation Joints, Induction Hot bends, Pig Traps & Appurtenances
- Qualification & Testing of Valves for pipeline service
- Critical Inspection Stages in Pipeline Construction
- Automating QA/QC
- Dimensional Control of pipe and fittings
- Challenges in assuring quality of forged fittings
- Analytics in aid of Quality Improvements
- Documentation Chain
- Failure Analysis pipeline components
- Root Cause Analyses and Case Studies
- Training, Competence Building & Instilling Quality Consciousness in all the stakeholders of Pipeline Industry

TRACK 3: INTEGRITY MANAGEMENT

- Establishing Pipeline Integrity
- Risk Assessment
- Risk Management
- Corrosion Damage Mechanisms
- Environment Assisted Cracking
- Corrosion Monitoring & Management
- Manufacturing & Construction Damages
- Structural Integrity
- Third Party Damages
- Modern Inspection Tools & Techniques
- Advances in In-Line Inspection
- Defect Assessment
- Dent Assessment
- Fitness for Purpose Assessments
- Direct Assessment
- GIS Applications in Pipeline Integrity Management
- Inspection Intervals & Scheduling
- Software Tools
- Pipeline Data Models
- Data Management
- Pipeline ROU Monitoring
- Pipeline Intrusion Detection System
- Leak Detection System
- Response to Integrity Assessments
- Repair Methods
- Composite Sleeves
- Managing Integrity of Ageing Pipelines
- Challenges in Integrity Management of Un-piggable Pipelines
- Emerging Inspection Techniques

TRACK 4: SAFETY AND INTEGRITY OF CITY GAS DISTRIBUTION

- CGD Network Design
- Design Basis for Corrosion Protection, Monitoring & Management
- Materials
- Construction
- Risk Assessment
- Integrity Assessment
- Safety Management
- Coordination with other Utility Companies
- GIS for CGD Network
- Integrity Aspects of Non-Metallic Pipelines
- Pipeline Corridor Monitoring
- Third Party Damage prevention
- Data Management
- Unconventional Inspection Techniques

Panel 1: Challenges & New Practices in Managing Ageing Pipeline Assets

Panel 2: Competency & Efficiency

PRE-CONFERENCE WORKSHOPS

Workshop 1

City Gas Distribution

Date: 25th April 2019 | Venue: India Habitat Centre

Workshop 2

Geo Technical Hazard Management

Date: 25th April 2019 | Venue: India Habitat Centre

PACKAGES

Platinum Sponsor

INR 1,000,000

8 delegates free, Branding in conference and exhibition area, 1-page profile and full-page advertisement in conference souvenir, inserts in conference kit, Invites for top management for Gala dinner.

Gold Sponsors / Gala Dinner

INR 750,000

6 delegates free, Branding in conference and exhibition area, 1-page profile and full-page advertisement in conference souvenir, inserts in conference kit and Invites for top management for gala dinner.

Silver Sponsors

INR 500,000

4 delegates free, Branding in conference and exhibition area, Full page advertisement in conference souvenir, Inserts in conference kit and Invites for top management for welcome dinner.

Track Sponsors

INR 300,000

3 delegates free, Branding in conference area, Special mention during tracks, Half page advertisement in conference souvenir and Inserts in conference kit.

Conference Kit Sponsor

INR 300,000

3 delegates free, Branding on kit and Inserts in conference kit.

Presentation USB Drive Sponsor

INR 150,000

2 delegates free, Branding on USB drives and Inserts in conference kit.

Lanyard & Badge Sponsor

INR 150,000

2 delegates free, Branding on badges and Inserts in conference kit.

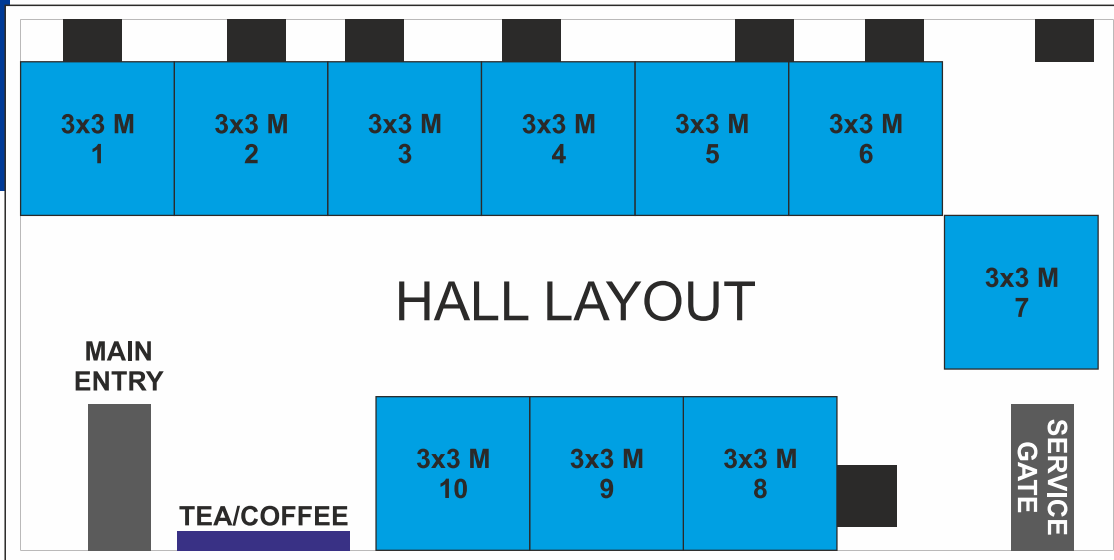
DELEGATE REGISTRATION

Early Bird Member	INR 16,000 / USD 240
Early Bird Member Conf + 1 Course	INR 20,000 / USD 300
Early Bird Non Member	INR 18,000 / USD 270
Early Bird Non-Member Conf + 1 Course	INR 22,000 / USD 325
Regular Member	INR 19,000 / USD 285
Regular Member Conf + 1 Course	INR 23,000 / USD 340
Regular Non Member	INR 21,000 / USD 315
Regular Non-Member Conf + 1 Course	INR 25,000 / USD 370
Authors (2 per paper)	INR 14,000 / USD 200
Authors (2 per paper) Conf + 1 Course	INR 18,000 / USD 255
Students	INR 4,000 / USD 60
Students Conf + 1 Course	INR 8,000 / USD 115
Additional Course (1) only	INR 5,000 / USD 70

NOTE:

The official language of the conference and all presentations will be English
Visit the conference website for additional information on all aspects of the conference
<https://event.asme.org/iogpc> or contact micelik@asme.org | jainj@asme.org

PROPOSED EXHIBITION LAYOUT



Exhibition Stall
INR 200,000

Size 3X3 sq. mtrs
 One table, Two chairs, Power socket & Spotlights & 2 Delegates free to attend the conference

FOR BOOKING PLEASE CONTACT :

Anjali Sharma

✉ anjali.sharma@mci-group.com

☎ +91 11 41154100

Jaya Jain

✉ jainj@asme.com

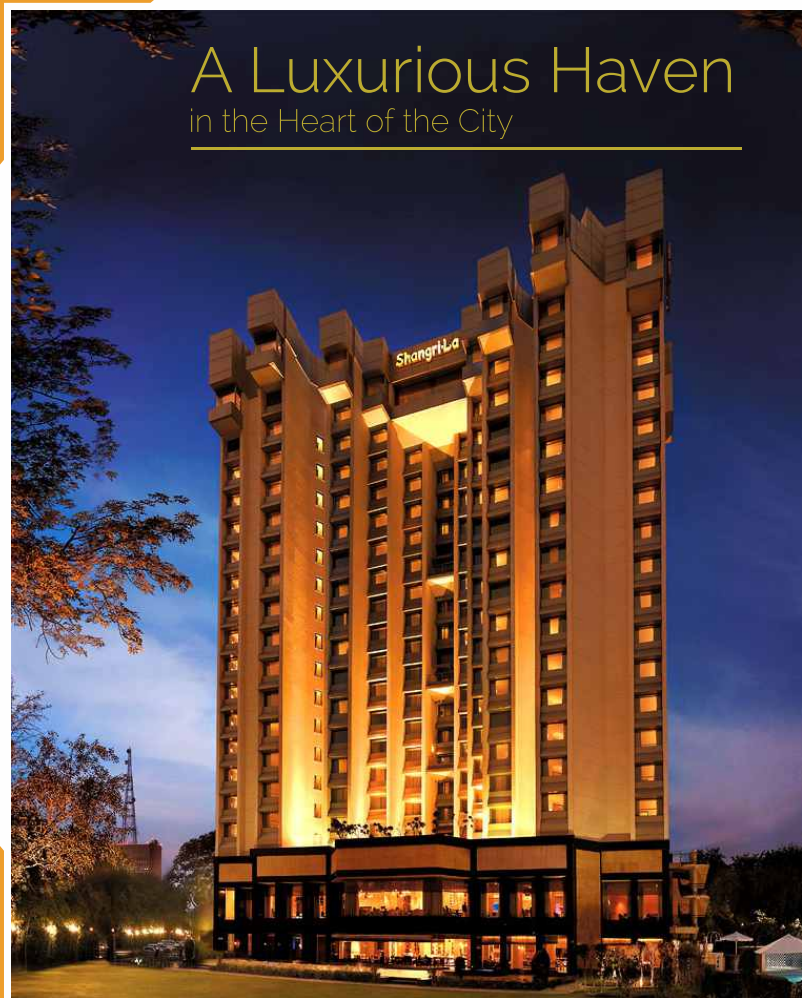
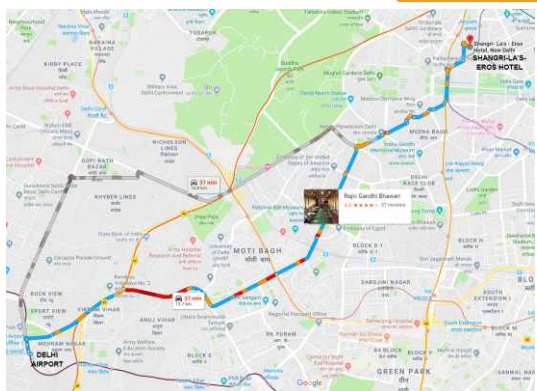
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ABOUT VENUE

SHANGRI-LA'S - EROS HOTEL, NEW DELHI

Nestled in the heart of the capital, Shangri-La's - Eros Hotel, New Delhi, is one of the finest and most eminent five-star hotels in the city. Enjoy the hotel's sprawling lawns and timeless architecture, inspired by the work of Edwin Lutyen, one of the greatest British architects of the twentieth century.

Ideally located in the city's centre, Shangri-La's - Eros Hotel, New Delhi, is within close proximity to government offices, shopping centres and business districts. The hotel is a 30-minute drive from the domestic and international airports and only a few minutes away from the international grounds of Pragati Maidan and most embassies.



A Luxurious Haven
 in the Heart of the City

For information on the technical program, registration,
special events, special sessions and general inquiries.

Manager, Conferences and Events
Kim Miceli
✉ micelik@asme.org

Business Head (TEC India)
Jaya Jain
✉ jainj@asme.org

✉ info-india@asme.org

