

# 3rd Technical Conference & Exhibition on Asset Integrity – Reliability Management – Inspection/NDT techniques



“Asset Integrity Management  
and Corrosion Control”



“Risk Based Inspection &  
Maintenance”



Advanced Techniques  
& Practices of “Inspection, NDT  
& Monitoring”

**Date: 5-6 August 2019**

**Venue: Hotel Crowne Plaza, Mayur Vihar, New Delhi**

**Important Deadlines:**

**Full Paper Submission  
15th July 2019**

**Presentation Submission  
25th July 2019**

Organized by



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Engineering Council of India



**Media Partners**



Inspectioneering



**Registration for Conference and exhibition**

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## "AIM"

### Asset Integrity Management and Corrosion Control

**Asset Integrity Management (AIM)** is vital in managing Industrial assets effectively to gain maximum value, profitability and returns while safeguarding personnel, the community, and the environment. Many of the process plants, offshore/onshore, installations, pipelines, Power etc. worldwide are operating beyond their nominal design life, raising concerns for potential loss of hazardous materials and adverse business impact. The understanding of **Asset Management (AM)** incorporates design, maintenance, inspection, process, operations, and management concepts since all these disciplines impact the integrity of infrastructure and equipment. The **AIM 2019** is the only Technical Conference in India, designed to address the main challenges in asset management and to help you effectively manage your equipment so that you achieve long-term plant reliability, efficiency, safety, and profitability. The conference provides an effective platform for **Asset Integrity, Risk Based Inspection, Inspection & NDE, Corrosion Control, Operation & Maintenance professionals** from all over the world to interact, share and exchange their experiences.

#### Call for Abstracts:

Technical Committee of **AIM 2019** invites authors to submit technical papers on specified technical topics for **Oral Presentation** or **Poster Paper** during the conference. Authors are requested to submit abstracts **not exceeding 300 words** and as per the guidelines.

Please send your abstract to:

[contact@assetintegritymanagement.org](mailto:contact@assetintegritymanagement.org)



#### A preliminary agenda for the Conference is as follows:

- **Concept of Asset Integrity Management(AIM):** Basic understanding & Philosophy of Asset Integrity Management, AIM System, Policy & Strategy, Importance & Benefits, Integrity Surveillance & Monitoring.
- **Design, Operational & Maintenance Excellence:** Process Optimization & Control, Design Review & Safety, Maintenance & Performance, Preventive Maintenance strategies, Turnaround Planning through value-added methodologies, Life Cycle of the asset, Integrated Maintenance Management, Best practices for life cycle evaluations.
- **Risk Assessment and its Management:** Identification & Assessment of risk, Risk management, risk matrix, risk register & hazard log, cutting-edge software, analysis tools and benchmarking. Concepts of Risk Based Inspection(RBI), Risk Based Maintenance(RBM), Reliability Centered Maintenance(RCM), Failure Mode Effect and Criticality Analysis(FMECA). Predictive Analysis, Safety, Health, Environment & Quality.
- **Corrosion Control & Damage Mechanisms:** Damage mechanisms, Integrity Operating Windows(IOW), solutions and best-practice strategies, Development of Corrosion Management Plan, Corrosion Control through Material Selection, Cathodic Protection, Coating, Inhibitor etc. Preventive Corrosion Control.
- **Mechanical Integrity(RLA, FFS etc), Maintenance & Inspection, Failure Analysis:** Life Cycle Management, Remaining Life Analysis(RLA), Life Extension approaches, Engineering Health Evaluations and Fitness for Service(FFS), Lifecycle, Performance measurement/KPI's, Mechanical integrity program. Current trends & advanced techniques in NDE practices, Implementation of IMS(Inspection Management System).
- **AIM Program:** Approaches used for Asset Integrity Management, Asset Management Plans, Standards and procedures, Case Study/Demonstration of a specific Case. Integrated Approach to Process Safety and Asset Integrity, Ensuring Regulatory Compliance and Improving Operating Performance, New Integrity Challenges.
- **Way Forward – AIM Improvement Plan:** Assessment of current Asset Management performance(specific aspects), Drawing up an improvement plans to optimize the cost/benefits. Difficulties, AIM program implementation successes & key learning's.



"Asset Integrity Management and Corrosion Control"

# "INM"

## Advanced Techniques & Practices of "Inspection, NDT & Monitoring"



**3rd Annual International Conference & Exhibition on Advanced Techniques & Practices of "Inspection, NDT & Monitoring" (INM 2019)** is one of the largest, dedicated gatherings of industry professionals, equipment and technology suppliers, engineers and researchers working in the field of Inspection, nondestructive testing and evaluation of materials. The conference provides an effective platform for **Inspection & NDE professionals** from all over the world to interact, share and exchange experiences of inspection problems and to explore the latest NDT technologies to address inspection challenges. Eminent NDE experts from various national and international industries participate in this seminar along with research institutions and academia. Around the globe, asset owners are facing major challenges to maintain aging assets and to ensure their reliability. Therefore, Nondestructive Testing plays an essential role to ensure reliable operation and to meet the increasing world energy & growth demands.



### Call for Abstracts:

Technical Committee of INM invites authors to submit technical papers on specified technical topics for **Oral Presentation** or **Poster Paper** during conference. Authors are requested to submit abstracts **not exceeding 300 words** and as per the guidelines. Please send your abstract to: [contact@inspectionandndt.com](mailto:contact@inspectionandndt.com)

### A preliminary agenda for the Conference is as follows:

- Advances & Development in different **Inspection & NDT techniques and its applications**
- Condition monitoring and **Residual life assessment (RLA)**
- NDE for Corrosion Damage monitoring, **Corrosion Monitoring Systems (CMS)**
- NDE for **In-service Inspection**
- **Remote Inspection** techniques, Robotics
- Advanced **Ultrasonic, TOFD, Acoustic, Guided Wave, Non-linear Acoustic, Digital Radiography, Phased Array Testing (PAUT), Eddy Current, Laser Testing, Thermal/Infrared Testing** etc
- Specific Inspection & NDT techniques for Oil & Gas, Chemical & Petroleum Industry, Petrochemical, Chemical Process Industries
- Advanced Inspection practices for Upstream, Offshore Facilities, Deep/under water Inspection
- Energy & Power Industry, Nuclear Energy, Infrastructure, Aerospace, Automotive, Medical, Railways, Defence, Civil engineering & structure etc.
- **Inspection of Welding & Fabrication**
- **Plant Integrity Management, Risk Based Inspection & Asset Integrity**
- NDT Technologies for Non-Piggable Pipelines
- Advanced Automation in NDE Investigation, reduction of human factors in NDE reliability
- Under water inspection, inspection of buried structures
- **Fitness for Service, Aging Infrastructure**, Structural Health & plant life management
- Materials Characterization, NDT for advanced materials (Non-Metallic composites, polymers, ceramics, and biological materials)
- NDT of Pressure Vessels, Tanks, Boiler and Heat Exchanger
- Probability of Detection, Reliability of NDT, Investigation and qualification of NDE reliability
- **Robotic Applications**, Smart Sensors, Transducers & Probes technology
- Research and development of advanced NDE methods, mathematical models of NDE
- Permanently Installed Monitoring Sensors
- Inspection for Corrosion Under Insulation
- NDT for Under Ground Piping/Road Crossing
- Data Management, Digital and computed radiography
- Codes, Standards and Regulations
- NDT Personnel, **Safety & Training** Requirement, standardization, certification and accreditation



# “RBI”

## Risk Based Inspection & Maintenance

**3rd Risk Based Inspection & Maintenance Conference & Exhibition (RBI 2019)** is the only initiative in India and one of the few initiatives in the world to conduct a technical conference solely on Risk Based Inspection Technology. RBI will provide an effective platform for Inspection, Maintenance, Risk Managers, Asset Integrity, Operation & Corrosion professionals from various industries like **Refineries, Offshore/Onshore Oil & Gas Production, Pipeline, Petrochemical, CGD, LNG, Fertilizer, Power plants, Chemical/Process Plants, Ship Building, Aerospace, Defence, Automobile** etc for exchanging ideas, acquiring knowledge/information regarding existing and upcoming RBI procedures, related products and technologies. It also provides a unique networking platform in terms of interaction among professionals from various government and private industries.

The conference will deliberate on the state-of-the-art **Risk Based Inspection Technology, Risk analysis, RBI implementation, Integrity Operating Windows(IOW), Leak Detection & Integrity Monitoring, Inspection & NDE Programs and Practices, Corrosion Management Programs, Asset Integrity Management, Engineering Evaluations and Fitness for Service (FFS) Assessments** and various other related topics. RBI will provide an effective platform for Maintenance, Inspection, Operation & Corrosion professionals across the various industry, research institutions and academia for exchanging ideas, acquiring knowledge/information regarding existing and upcoming products and technologies. It also provides a unique networking platform in terms of interaction among professionals from various government and private industries. This two-day event will help understand how RBI can be integrated with your existing inspection procedure for developing sustainable asset management strategies.



### A preliminary agenda for the Conference is as follows:

- **Reliability, Risk Assessment** and Analysis, Data acquisition and handling for RBI implementation, Specification of risk ranking level and determination of the respective risk acceptance level.
- Development and Validation of **Risk based Inspection Plans**, Opportunities to Improve RBI, Guidelines of various codes like **API 580** and **API 581**, Validation and Extension of Inspection Intervals.
- RBI for New Plants, Integrating RBI into Plant Management Systems on a Global Basis(Storage Tanks, Piping, Heat Exchanger bundles and Pressure Safety Valves etc).
- Risk Management in the Chemical Process Industry, Adopting the Risk Based Strategies for enhancing Reliability.
- Survey of Large Losses in the Process Industry, **Mechanical Integrity Improvements** and Challenges after a major incident.
- **Risk Analysis & Integrity Operating Windows(IOW)**
- Development of a **Corrosion Management Plan**
- Current trends & advanced techniques in NDE practices, NDE for in-service inspection, NDE for Corrosion Damage Monitoring
- **Inspection & NDE Programs** and Practices applied to Pressure Vessels, Piping, PRVs, Storage Tanks, Heaters, Offshore Topsides Equipment, Subsea Systems, Onshore and Subsea Pipelines, Terminals, and onshore and offshore structures. Specification of the necessary inspection and maintenance tasks
- **Leak Detection & Integrity Monitoring**, Equipment Failure Investigations/Equipment Repair
- Risk mitigation techniques as a tool for Asset Integrity Management, Engineering Evaluations and **Fitness for Service(FFS) Assessments** and **Remaining Life Analysis(RLA)**
- Plant Hazards and risk mitigation by **HAZOP study**, Identification of failure/leaks using advanced NDT techniques for effective RBI, Shutdown and Turnaround optimization using RBI Techniques.
- Various Codes and Standards API, ASME etc.



“Risk Based Inspection & Maintenance”

## Delegate Registration for Conference:

Kindly send your nomination/participation details to:

[contact@assetintegritymanagement.org](mailto:contact@assetintegritymanagement.org); [contact@inspectionandndt.com](mailto:contact@inspectionandndt.com);

[contact@riskbasedinspection.org](mailto:contact@riskbasedinspection.org)

Category	Fee
Indian Speakers/Delegates	Rs. 16,000/-
Overseas Speakers/Delegates	USD 300
Students (Indian/Foreign)	Rs. 6,000/- (USD 100)
Educational Institutes	Rs. 12,000/-

+18% GST will be applicable.

## Corporate discount:

10% additional discount if 3 & above nos. of delegates participating from same organization.

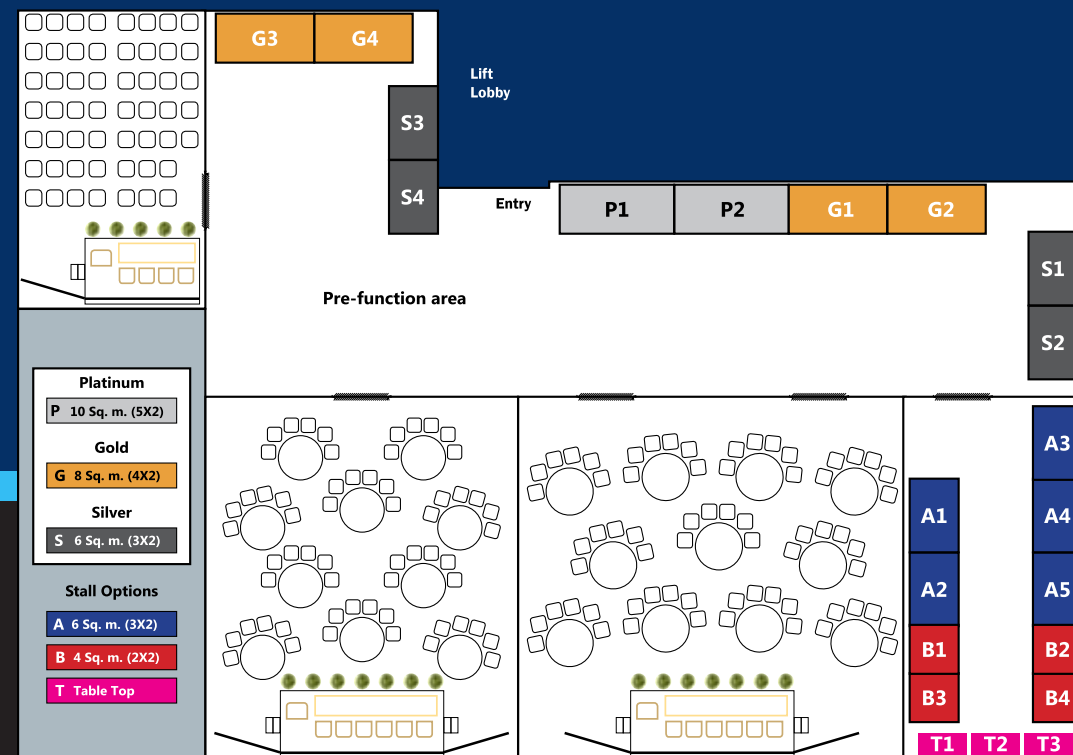
15% additional discount if 6 & above nos. of delegates participating from same organization.

## Exhibition

Stall Options	6 Sqm(3 x 2)	4 Sqm(2 x 2)	Table Top
Benefits at a Glance	Rs. 85,000/- (USD 1700)	Rs. 60,000/- (USD 1200)	Rs. 35,000/- (USD 700)
Complimentary No. of Delegates	3	2	1
Wide Publicity of Logo & Banner	Yes	Yes	Yes
Company Advertisement in Souvenir	1 Page	1 Page	-
Memento Presentation	Yes	Yes	Yes

+18% GST will be applicable.

## Tentative Floor Plan:



## Supports & Branding

Branding partner Category	Platinum	Gold	Silver
Benefits at a Glance	Rs. 2,80,000/- (USD 5600)	Rs. 2,00,000/- (USD 4000)	Rs. 1,20,000/- (USD 2400)
Complimentary Exhibition Stall	10 Sqm(5 x 2)	8 Sqm(4 x 2)	6 Sqm (3 x 2)
Complimentary No. of Delegates	8	6	4
Preferential Stall Location	Yes	Yes	Yes
Sharing of Participant Contacts	Yes	Yes	-
Company Advertisement & Profile in Souvenir	2 Page	2 Page	2 Page
Wide Publicity of Logo & Banner	Yes	Yes	Yes
Memento Presentation	Yes	Yes	Yes
Display of Standee	2 no's	1 no's	1 no's
Inclusion of Company Brochure in the Delegate Kit	Yes	Yes	-
LCD Display with Stand	1 no's	1 no's	-
Display of Corporate/product videos/ presentation	20 minutes	10 minutes	-

+18% GST will be applicable.

## Other Branding

Branding Options	Cocktail Dinner	Lunch	Delegate Kit
Benefits at a Glance	Rs. 2,60,000/- (USD 5200)	Rs. 1,50,000/- (USD 3000)	Rs. 80,000/- (USD 1600)
Complimentary Exhibition Stall	8 Sqm (3 x 2)	6 Sqm (3 x 2)	-
Complimentary No. of Delegates	5	3	2
Sharing of Participant Contact List	Yes	Yes	-
Special Technical Presentation of the Products/Services	20 mins Before Dinner	15 mins Before Lunch	-
Company Advertisement & Profile in Souvenir	2 Page	2 Page	1 Page
Wide Publicity of Logo & Banner	Yes	Yes	Yes
Memento Presentation	Yes	Yes	Yes
Display of Standee	2 no's	1 no's	1 no's
Special Acknowledgement & Presence	Dinner	Lunch	Logo in Delegate Kit (Bag, Note Pad, Pen)
Inclusion of Company Brochure in the Delegate Kit	Yes	Yes	Yes
Video Advertisement Display on LCD in Food Court	During Dinner	During Lunch	-

+18% GST will be applicable.



## Contact for Exhibition:

Mr. Tushar Sharma: Mob: +91- 98213 71009, Email: [tushar.matcorr@gmail.com](mailto:tushar.matcorr@gmail.com)

Mr. Deepak Jha: Mob: +91- 97737 76285, Email: [deepak.matcorr@gmail.com](mailto:deepak.matcorr@gmail.com)

### Tea/ Coffee Partner - Rs. 50,000/- (USD 1000):

- Company's name and logo will be prominently displayed at the conference lunch venue.
- Complimentary no. of Delegates 2.
- Special Acknowledgement & Presence at Tea Breaks.
- Video Display(15 min) of your Products during Tea Breaks.
- 1 Standee Display in the Pre-Function Area.
- 1 Page Advertisement in the souvenir.
- Wide publicity of Logo in Website, Back Stage Banner, Memento Presentation.

**Session Partner: Rs. 70,000/- (USD 1400):** Support a conference session will increase your brand value in the conference & establish a ubiquitous presence.

- Complimentary no. of Delegates 2.
- Special Acknowledgment to the company at the Session.
- 1 Standee Display in the Conference Hall.
- 1 Page Advertisement in the souvenir.
- Wide publicity of Logo in Website, Back Stage Banner, Memento Presentation.

**Lanyard for Badges: Rs. 40,000/- (USD 800):** Attractive Lanyards will be distributed to the Delegates, invitees, conference speakers, exhibitors and branding partners. The company will gain high visibility at the venue with the name/logo prominently displayed on each Lanyard. An excellent way to attract visibility and make your presence felt with every attendee.

- Complimentary no. of Delegates 2.
- 1 Page Advertisement in the souvenir.
- Wide publicity of Logo in Website, Back Stage Banner, Memento Presentation.

### Product Promotion during Tea Breaks - Rs. 20,000/- (USD 400):

- Best option to promote your products, Services & New Technologies to the gathering
- Video Display of your Products during Tea Breaks(in the Projection Screen of the Conference Hall & in LCD in the Pre-function Area).
- Display Duration 15 Minutes.

### Display of Standee - Rs. 20,000/- (USD 400):

- Promote your company, products & Services.
- One 4 ft x 6 ft Standee will be allowed to display in the Conference Hall for both the days.
- Standee shall be arranged/brought by the company them self.

**Conference Souvenir Rs. 1,00,000/- (USD 2000):** Conference Souvenir will be published with details of participating companies, abstracts(presented during the Seminar), photographs etc. The Souvenir will feature advertisements from the industry and is of tremendous publicity & business value. Also, the e-copy of the Souvenir is going to have a significant number of free circulation (more than 92,000 worldwide) covering almost all the industry, service providers, contractors, supplier as well as end users.

- Sponsors name and logo will be prominently included in the Souvenir.
- Complimentary no. of Delegates 2.
- 1 Page Advertisement and 1 Page Company Profile.
- Special Coverage/ Technical write up of 4-5 Pages.
- Wide publicity of Logo & Banner, Logo in Back Stage Banner, Display of Company Logo in Website, Memento Presentation.

## Conference Publications (Souvenir)

Advertisement Charges	Fee
Outside Back Cover Page	Rs. 15,000/- (USD 300)
Inside Front/ Back Cover Page	Rs. 12,000/- (USD 240)
Double Spread Ad (2 page)	Rs. 12,000/- (USD 240)
Full Page (Colour)	Rs. 8,000/- (USD 160)
Half Page (Colour)	Rs. 5,000/- (USD 100)

Fees mentioned in dollar(USD) are applicable for Overseas Companies.  
+18% GST will be applicable.

### Who should attend?

Professionals from

- Corrosion Control, Asset Integrity, Reliability & HSE Professionals
- Operation, Maintenance & Inspection Professionals
- Oil and Gas Production and Processing, Offshore, Onshore, Pipeline
- Oil Refineries, Petrochemicals, Fertilizers, Chemical and Process Industries
- CGD, LNG and Natural Gas Industry
- Power & Energy Industry, Nuclear
- Aerospace, Defence, Shipbuilding, Automobile Sector
- Inspection, NDT/ NDE personnel, Failure Analyst, Life Assessment professionals
- Design & Engineering Companies, Infrastructure Industry
- Inspection & NDE Equipment Manufacturers & Service providers
- Corrosion Management Companies, Corrosion Monitoring & Leak Detection
- Welding & Fabrication Professionals
- Metallurgical, Mechanical & Corrosion Testing Laboratories
- Risk Assessment, Risk Based Inspection Companies
- Corrosion Professionals(Cathodic Protection, Coating, Inhibitor etc)
- Engineering and Professional Technical Institutes
- R&D organizations
- Whoever is working related to Asset Integrity, Corrosion Control, RBI, NDT & Inspection



### Contact for Exhibition:

**Mr. Tushar Sharma: Mob: +91- 98213 71009, Email: tushar.matcorr@gmail.com**

**Mr. Deepak Jha: Mob: +91- 97737 76285, Email: deepak.matcorr@gmail.com**

# Companies Participated in Past AIM, INM, RBI 2018



## Registration for Conference and exhibition

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**Websites: [www.inspectionandndt.com](http://www.inspectionandndt.com); [www.riskbasedinspection.org](http://www.riskbasedinspection.org); [www.assetintegritymanagement.org](http://www.assetintegritymanagement.org)**

### Terms & Conditions:

- All bookings carry a cancellation charges.
- Substitutions of delegates prior to the event date may be allowed subject to management's discretion.
- For any reason, if Organizers decides to cancel or postpone this event; Organizers will not be responsible for any loss incurred by Client/ Participant.
  - The conference fee will not be refunded and shall be adjusted with future event fee.
- Hotel Location of the event may be changed depends on the no of participants without any intimation.
  - Content of the event program can be changed without any intimation.