



VIRTUAL CONFERENCE

# DRONE TECHNOLOGY IN INFRASTRUCTURE

Future Potential and Upcoming Opportunities

May 5-6, 2022

Organiser:



Co-sponsor:



# MISSION

- The market for drones in India is expanding at a rapid pace. The domestic drone manufacturing industry is expected to grow from Rs 600 million in 2020-21 to over Rs 9 billion in 2023-24 in terms of annual turnover. The drone services industry is expected to grow to over Rs 300 billion in the next three years.
- The government envisions the country to become a global drone hub by 2030. It has been providing the necessary impetus to the drone industry through regulatory interventions such as the Drone Rules, 2021, the Production-Linked Incentive Scheme for Drones, 2021, and a ban on the import of drones. The Union Budget 2022-23 also announced the Drone Shakti initiative to promote the use of drone applications.
- Drones have a far-reaching impact on infrastructure with applications across sectors such as roads, aviation, oil and gas exploration, mining and telecom, for project surveillance and supervision and asset inspection. The aviation industry has been the frontrunner in promoting the use of drones through initiatives such as DigitalSky and the drone certification scheme. NHAI has also made the use of drones mandatory for project monitoring. Besides, Indian Railways and Oil India Limited have already introduced drone-based surveillance systems. The mining sector too has been quick to adopt drone technology for production measurement, mine surveys and checking of illegal mining. In fact, the mining rules have been amended to make drone surveys mandatory.
- Drone-based water sprays, wind turbine inspection and cargo delivery are various other use cases of drones. With pandemic-led innovations in the infrastructure sector, the functionality of drones will expand fast.
- The mission of this conference is to discuss the recent trends in drone application across infrastructure sectors, showcase key use cases, and evaluate the future potential.

# TARGET AUDIENCE

The conference is targeted at industry applications for drone technologies. It will cover the following sectors:

- ❖ Energy and utilities
- ❖ Roads and highways
- ❖ Mining
- ❖ Railways and urban rail
- ❖ Airports
- ❖ Agri-infrastructure
- ❖ Logistics
- ❖ Etc.

The event is useful for:

- ❖ Drone manufacturers
- ❖ Policymakers and regulators
- ❖ Security and surveillance companies
- ❖ Surveying and mapping technology companies
- ❖ Drone service firms
- ❖ Etc.

# CONFIRMED SPEAKERS



**KALLAPPA PATTADA**  
Director  
Boeing Research & Technology –  
India Boeing India Engineering  
and Technology Center (BIETC)



**SHRIKANT THAKKER**  
Vice President- Enterprise  
Business Development  
Asteria Aerospace



**ANKIT GARG**  
Deputy Director General-  
Tech Division  
Bureau of Civil Aviation  
Security



**RAJNEESH KUMAR**  
General Manager (Geomatics)  
Central Mine Planning &  
Design Institute Ltd.



**SMIT SHAH**  
President  
Drone Federation of India



**P. SARANGI**  
Chief Information Officer  
DCM Shriram Industries Ltd.



**RAJA RAMAN**  
Chief Business Officer  
Dhaksha Unmanned Systems



**AKSHYA SINGHAL**  
Partner - Consulting  
Ernst & Young LLP, India



**RAMA DEVI LANKA**  
Director-Emerging Technologies  
ITE&C Department  
Government of Telangana



**DR. ASHUTOSH KARNATAK**  
Technical Member (Petroleum  
& Natural Gas), Appellate Tribunal  
For Electricity and Ex-CMD,  
Director of Project  
GAIL India Limited



**VIVEK SONI**  
DGM Security  
Greenko Energy



**AMOL SURYAWANSHI**  
Director of Delivery Operations  
IdeaForge



**NIKHIL CHATURVEDI**  
EVP and Global Chief Digital  
Officer (CDO)  
JSW Group



**AMBER DUBEY**  
Joint Secretary  
Ministry of Civil Aviation  
(MoCA)



**ANIRUDDHA MAJUMDAR**  
Member - Disruptive Technology  
Nishith Desai Associates



**HUZEFA TAVAWALLA**  
Head- Disruptive Technology  
Practice  
Nishith Desai Associates



**R.K. PANDEY**  
Member-Projects  
National Highways Authority  
of India (NHAI)



**DR. ABHISHEK GHOSH**  
Chief Technology Officer  
Paras Aerospace Private  
Limited



**RAHUL UNIYAL**  
AVP, - Aviation & Projects  
Execution  
Sterlite Power



**JAYEETA DEY**  
Consultant (Rock Mechanics)  
SRK Mining Services (India)  
Pvt Ltd



**RAVINDRA JOSHI**  
Chief Quality & Safety  
Manager-BD Projects-India &  
International  
Tata Power DDL



**PIYUSH SRIVASTAVA**  
Chief -Natural resources Division  
Tata Steel



**SIDDHARTH MAURYA**  
Head - Sales, Business  
Development & Marketing  
Unmanned Systems (Aerial) &  
Avionics, Larsen & Toubro -  
Defence

# CONFERENCE AGENDA

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[www.indiainfrastructure.com](http://www.indiainfrastructure.com)

Market trends and outlook

Drone shakti initiatives: Impact of drone rules 2021

Special session: Drones' Development in India

Drones as a service

Panel discussion – Industry perspective on drone manufacturing

Industry applications and use cases: The power distribution sector

Industry applications and use cases: Transport sector- road and railways

Industry applications and use cases: mining

Industry applications and use cases: Power transmission

Industry applications and use cases: Oil and gas

The drone ecosystem policy roadmap: Legal and tax nuances of drones and UAV

Spotlight on security and safety in drones

Industry applications and use cases: Geospatial monitoring in mining

Revolutionizing business operations by commercializing drones

Use of drones technology for security and surveillance in renewable energy projects

Use of drones technology at Tata Steel

Development of drone and its applications - Govt of Telangana perspective

Developing a drone ecosystem for commercial use

Project showcase – Use of AI-based drones for mapping and characterize structural defects present in a rock mass and exposed slopes

## DELEGATE FEE

Logins	INR	GST 18%	Total INR	Total USD
1 Login	INR 9,000	INR 1,620	INR 10,620	USD 150
2-3 Logins	INR 15,000	INR 2,700	INR 17,700	USD 250
4-5 Logins	INR 21,000	INR 3,780	INR 24,780	USD 350
6-9 Logins	INR 27,000	INR 4,860	INR 31,860	USD 450
10-20 Logins	INR 33,000	INR 5,940	INR 38,940	USD 550

- GST @18 per cent is applicable on the registration fee
- Registration will be confirmed on receipt of the payment

## SPONSORSHIP

### Lead sponsorship

- Prominent branding and logo promotion (event microsite, banners, e-brochures, social media)
- 2 Standalone presentations including Q&A (20 minutes)
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed on the opening and closing slides
- Sponsor company mentioned in each promotional mailer
- Mention in social media posts including a post on the speaker from your company
- 10-20 complimentary logins
- Acknowledgement of sponsor in the virtual event opening and closing remarks
- Email/EDM featuring sponsor information to attendees and database of key contacts
- Sharing leads generated and participants list
- Logo to be branded on the post-event recording of the virtual event
- Sponsor session to be uploaded for one month for views

### Co-sponsorship

- Branding and logo promotion (event microsite, banners, e-brochures, social media)
- Standalone presentation including Q&A (20 minutes)
- 8-10 complimentary logins
- Email/EDM featuring sponsor logo to attendees and database of key contacts
- Sharing leads generated and participants list
- Logo to be branded on the post-event recording of the virtual event
- Sponsor session to be uploaded for one month for views

## TERMS AND CONDITIONS

### Payment Policy

- ❖ Full payment must be received prior to the conference. For discounted rates, the payment must be received on or before the discount expires.
- ❖ Substitution and name changes are welcome at no extra charge.

## GET IN TOUCH

For registration and sponsorship opportunities:

Evita Dsouza, Conference Cell

Mobile: +91-9167434939

Email: [evita.dsouza@indiainfrastructure.com](mailto:evita.dsouza@indiainfrastructure.com)

## ORGANISER

The conference is being organised by **India Infrastructure Publishing**, a leading provider of information on the infrastructure sectors through conferences, magazines, reports and directories. The company publishes **Indian Infrastructure** (a magazine devoted to infrastructure policy and finance) and a series of research reports on the transportation sector including **Energy and Utilities, Urban Rail, Railways, Mining, Roads and Highways, Airports, Agri-infrastructure, logistics**, etc.