

VIRTUAL CONFERENCE

DRONE TECHNOLOGY IN INFRASTRUCTURE

Future Potential and Upcoming Opportunities
May 5-6, 2022



Organiser:



Co-sponsor:



Agenda Day 1 May 5, 2022

TIMINGS	SESSIONS
10:00-10:10	WELCOME NOTE- INDIA INFRASTRUCTURE
10:10-10:40	MARKET TRENDS AND OUTLOOK
	<ul style="list-style-type: none"> What is the current market size of the drone industry? What are the recent application areas shaping the drone market? What are the growth drivers? What is the market outlook? <p>Presentation by Akshya Singhal, Partner, Consulting, Ernst & Young LLP, India... <i>plus Q&A</i></p>
10:40-11:10	DRONE SHAKTI INITIATIVES : IMPACT OF DRONE RULES 2021
	<ul style="list-style-type: none"> What are the key features of the Drone Rules 2021? How will it assist in commercialization of drones in infrastructure industry? What are the industry expectations? What are the hits and misses? <p>Remarks by Smit Shah, President, Drone Federation of India... <i>plus Q&A</i></p>
11:10-11:40	SPECIAL SESSION : DRONES DEVELOPMENT IN INDIA
	<ul style="list-style-type: none"> What has been the recent progress? What are the new regulations and policies? What are the government's plans about drone manufacturing and deployment? What are some of the challenges? What is the future potential? <p>Presentation by Amber Dubey, Joint Secretary, Ministry of Civil Aviation... <i>plus Q&A</i></p>
11:40-12:00	DRONES AS A SERVICE
	<ul style="list-style-type: none"> What are the technological innovations being seen in the drone market? What is the role of AI and 5G? What are the global best practices? What is the potential of Drones as a Service? <p>Presentation by Shrikant Thakker, Vice President- Enterprise Business Development Asteria Aerospace... <i>plus Q&A</i></p>
12:00-12:20	BREAK 1
12:20-13:20	PANEL DISCUSSION – INDUSTRY PERSPECTIVE ON DRONE MANUFACTURING
	<ul style="list-style-type: none"> What are different challenges associated with drone manufacturing in India? What are the key benefits of the PLI Scheme, 2021? What is the likely impact on drone manufacturing and services? What are the industry expectations? <p>Panel Discussion among</p> <ul style="list-style-type: none"> Dr Abhishek Ghosh, Chief technology officer, Paras Aerospace Private Limited Amol Suryawanshi, Director Of Operations, ideaForge Dr Priyabrata. Sarangi, Chief Information Officer, DCM Shriram Industries Ltd. Raja Raman, Chief Business Officer, Dhaksha Unmanned Systems ... <i>plus Q&A</i>

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13:20-13:50	INDUSTRY APPLICATIONS AND USE CASES: POWER DISTRIBUTION SECTOR
	<ul style="list-style-type: none"> • What are the applications of drones in the power distribution sectors? • What are the unaddressed challenges? • What are the future prospects of drones in this sector? <p>Presentation by Ravindra Joshi, Chief Quality & Safety Manager-BD Projects-India & International Tata Power DDL... <i>plus</i></p>
13:50-14:20	INDUSTRY APPLICATIONS AND USE CASES: TRANSPORT SECTOR- ROAD AND RAILWAYS
	<ul style="list-style-type: none"> • What are the applications of drones in the road transport sectors? • What are the unaddressed challenges? • What are the future prospects of drones in this sector? <p>Presentation by Vikas Malhotra, General Manager, National Highways Authority of India... <i>plus</i> Q&A</p>
14:20-15:00	BREAK 2
15:00-15:30	INDUSTRY APPLICATIONS AND USE CASES: MINING
	<ul style="list-style-type: none"> • What are the applications of drones in the mining sector? • What are the unaddressed challenges? • What are the future prospects of drones in these sectors? <p>Presentation by Nikhil Chaturvedi, EVP and Global Chief Digital Officer (CDO), JSW Group...<i>plus</i>Q&A</p>
15:30-16:00	INDUSTRY APPLICATIONS AND USE CASES: POWER TRANSMISSION
	<ul style="list-style-type: none"> • What are the applications of drones in the power transmission sector? • What are the unaddressed challenges? • What are the future prospects of drones in this sector? <p>Presentation by Rahul Uniyal- AVP, - Aviation & Projects Execution, Sterlite Power... <i>plus</i> Q&A</p>
16:00-16:30	INDUSTRY APPLICATIONS AND USE CASES: OIL AND GAS
	<ul style="list-style-type: none"> • What are the applications of drones in the oil and gas sector? • What are the unaddressed challenges? • What are the future prospects of drones in this sector? <p>Presentation by Dr Ashutosh Karnatak, Technical Member (Petroleum & Natural Gas), Appellate Tribunal For Electricity and Ex- CMD, Director of Project GAIL India Limited...<i>plus</i>Q&A</p>
16:30-16:45	CLOSING REMARKS AND END OF DAY 1

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Agenda Day 2 May 6, 2022

TIMINGS	SESSIONS
10:00-10:15	RECAP OF DAY 1– INDIA INFRASTRUCTURE
10:10-10:40	THE DRONE ECOSYSTEM POLICY ROADMAP : LEGAL AND TAX NUANCES OF DRONES AND UAV
	Presentation by Huzefa Tavawalla Heads Disruptive Technology Practice and Aniruddha Majumdar , Member - Disruptive Technology Practice, Nishith Desai Associate.... <i>plus Q&A</i>
10:45-11:15	SPOTLIGHT ON SECURITY AND SAFETY IN DRONES
	<ul style="list-style-type: none"> What are the safety and security concerns in the drone market? What are the anti-drone technologies? What is the future plan of action to address security issues? Presentation by Ankit Garg , Deputy Director General- Tech Division, Bureau of Civil Aviation Security... <i>plus Q&A</i>
11:15-11:45	INDUSTRY APPLICATIONS AND USE CASES: GEOSPATIAL MONITORING IN MINING
	<ul style="list-style-type: none"> What are the applications of drones in the Geospatial Monitoring in Mining sectors? What are the unaddressed challenges? What are the future prospects of drones in these sectors? Presentation by Rajneesh Kumar , General Manager (Geomatics), Central Mine Planning & Design Institute Ltd. ... <i>plus Q&A</i>
11:45-12:15	BREAK 1
12:15-12:45	USE OF DRONE TECHNOLOGY FOR BUSINESS OPERATIONS AT L&T
	Presentation by Siddharth Maurya , Head - Sales, Business Development & Marketing, Unmanned Systems (Aerial) & Avionics, Larsen & Toubro - Defence... <i>plus Q&A</i>
12:45-13:15	USE OF DRONES TECHNOLOGY FOR SECURITY AND SURVEILLANCE IN RENEWABLE ENERGY PROJECTS
	<ul style="list-style-type: none"> What are the applications of drones in the energy sector? What are the unaddressed challenges? What are the future prospects of drones in this sector? Presentation by Maj Vivek Soni , DGM Security, Greenko Energy... <i>plus Q&A</i>
13:15-13:45	USE OF DRONES TECHNOLOGY AT TATA STEEL
	<ul style="list-style-type: none"> What are the applications of drones in operations of Tata Steel? What are the unaddressed challenges? What are the future prospects of drones in these sectors? Presentation by Piyush Srivastava , Chief -Natural resources Division, Tata Steel.... <i>plus Q&A</i>
13:45-14:30	BREAK 2
14:30-15:00	DEVELOPMENT OF DRONE AND ITS APPLICATIONS - GOVT OF TELANGANA PERSPECTIVE

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	<ul style="list-style-type: none">• What are the incentives and frameworks to support the use of drones ?• Which sectors can see the applications of drones ?• What are the future prospects of drones in these sectors? <p>Presentation by Rama Devi Lanka, Director-Emerging Technologies ITE&C Department, Government of Telangana....<i>plus Q&A</i></p>
15:00-15:30	DEVELOPING DRONE ECOSYSTEM FOR COMMERCIAL USE
	<ul style="list-style-type: none">• Drone guidance and control• Autonomous operations of drones• Safety and certifications for drone operation• Drone air-traffic management <p>Remarks and Interaction by Kallappa Pattada, Director, Boeing Research & Technology – India, Boeing India Engineering and Technology Center (BIETC)....<i>plus Q&A</i></p>
15:30-16:00	PROJECT SHOWCASE – OPEN PIT DRONE PHOTOGRAMMETRY
	<p>Presentation by Jayeeta Dey, Consultant (Rock Mechanics). SRK Mining Services (India) Pvt Ltd....<i>plus Q&A</i></p>
15:30-15:45	CLOSING REMARKS AND END OF CONFERENCE