



PHD CHAMBER
OF COMMERCE AND INDUSTRY
VOICE OF INDUSTRY AND TRADE



भारत DRONE

MANTHAN - 2024

Making India a Global Drone
Hub in Amrit Kaal



29 February & 01 March
2024 | PHD House
New Delhi



Expo on Innovations & Technological Advancement in the Drones Ecosystem;
UTM; UAM, Advanced Air Mobility (AAM) systems & Allied Industries

INTRODUCTION

The Global Drone Ecosystem is experiencing consistent & robust growth, with a focus on sustainability and technological advancements. Innovations in Artificial Intelligence and Advanced Air Mobility (AAM) systems are further enhancing the quality and efficiency of drone products. The future also necessitates detailed Unmanned Aircraft System Traffic Management (UTM) technology to manage airspace for multiple drone operations.

This exponential growth and technological advancements in drone technology have also paved the way for a revolutionary transformation in various industries. From military surveillance to purveyors of commercial operations, Drones find applications in diverse sectors, including Infrastructure & Transportation- Aviation, Railways, Defense & Aerospace, Agriculture, Energy, Healthcare, Pharmaceuticals, Logistics, E-Commerce, Delivery, Warehousing, Disaster Management, Law Enforcement & Border Control Surveillance, Oil & Gas, Petrochemicals, Power, Mining, Mapping.

Tourism sector, Aerial Photography, Sports, Film Making & Entertainment industry are also showing great potential for leveraging drone technology. UAVs with geospatial technologies are further revolutionizing the accuracy, efficiency, and scope of mapping and remote sensing.

Despite the manifold growth opportunities, the drone ecosystem faces challenges such as regulatory issues, limited infrastructure, high cost of equipment & a skilled workforce shortage. The government has responded with initiatives like a dedicated drone task force, streamlined regulatory processes, and support for *Make in India* under the *Atmanirbhar Bharat Abhiyan*.

In a world constantly evolving due to technological advancements, the need for platforms that facilitates innovation, collaborations, sharing insights & discussions to explore the future among the relevant stakeholders, tech enthusiasts, manufacturers, experts, policy makers & industry leaders is more critical than ever.

In response to the evolving landscape, PHDCCI and QCI are organizing “BHARAT DRONE MANTHAN 2024 – an Expo focusing on innovations and technological advancements in the drone ecosystem, including UTM, UAM, AAM systems and allied industries.

The Expo is dedicated to showcasing the latest sustainable innovations and technological advancements in the Drone's Ecosystem. It aims to connect buyers, industry stakeholders, manufacturers, end users & suppliers, providing a platform for B2B and B2G networking. The programme will also address drone regulations, industry trends, and serve as a gateway for businesses entering the drone market. The event underscores the importance of collaboration, innovation, and discussions among stakeholders in this rapidly advancing sector.



WHY TO EXHIBIT

04



Network with industry leaders, experts, and potential clients.

04



Showcase your latest technologies, products and innovations to your target audience.

04



Gain insights into the latest industry trends and developments.

04



Explore partnership, investment & business opportunities.

DRONE ECOSYSTEM

Drone Manufacturers - Companies manufacturing Drones & its Components

Drone Technology Providers

Component Suppliers of Drones, UAV's

MRO/OEM Industry for Drones

Service Providers, Coders

Drone Disposal companies

Skilling & Training Organisations - Skilling for Drone Users

Make In India for Drones

DRONE TECHNOLOGY SUPPORT SYSTEM

UTM Tracking Organizations-Ensuring safe drone traffic management.

UAV & UAM

Companies into Advanced Air Mobility (AAM) systems

Vertiports

Technology Providers-Data Analytics & IoT

END USERS: VARIOUS INDUSTRIES LEVERAGING DRONE'S & UAV'S

Infrastructure-Aviation, Railways , Roads & Other Infra Projects

Defence & Aerospace

Agriculture & Crop Monitoring

Healthcare & Pharmaceuticals – Use of Drones for Medical Logistics

Logistics, Unmanned Cargo Transport, Express Delivery & Warehousing

Disaster Management, Law Enforcement & Border Control Surveillance

Energy, Oil & Gas, Petrochemicals, Power & Mining

Surveys , Mapping & Remote Sensing - application in geospatial domains

Tourism, Aerial Photography, Journalism, Cinematography & Entertainment

Urban planning & Environmental monitoring

Search & Rescue operations, Fire & Safety Operations

Forest Surveillance, Wildlife conservation & Environmental monitoring

NGO's, Asha Workers & Farmers

Other Relevant Sectors & Industry Stakeholders

सम्मेलन फोकस क्षेत्र SAMMELAN FOCUS SECTORS

KEYNOTE SESSION: MAKING INDIA A GLOBAL DRONE HUB

Sustainable Future Growth Strategies- Government's Perspective
Ease Of Doing Business – Need of the hour
New Government Initiatives & Policies in this sector ensuring growth
Drones Policy
SOP-Guidelines for users

INNOVATION & DIGITALIZATION FOR FUTURE GROWTH

Innovation & Digitalization – Latest Trends, Technologies & Apps
Digital infrastructure requirements
Global Technology Trends
Transfer of Technology & its adaptation
Make In INDIA
Success case studies-National & International

DRONE TECHNOLOGICAL ADVANCEMENTS & NEW INNOVATIONS:

Cutting-Edge latest Drone Technologies
New Software Innovations & Sustainable Hardware Advancements
Data-Driven Insights: Analytics and Decision-Making
Synergy between aerial data collection & Geographic Information Systems (GIS)
Potential frontiers of UAVs and geospatial technologies
UTM Solutions and Integration- Latest developments in UTM systems
UAM, Advanced Air Mobility (AAM) systems
Data processing, analysis, and visualization
Autonomous Drone Fleets & Air Taxi's
Integration of Artificial Intelligence (AI) & Machine Learning (ML)

TRANSFORMATIVE SHIFTS ACROSS INDUSTRIES- SECTORAL APPLICATIONS:

Various Industries leveraging Drone Technology.
Industry Transformation & Recommendations: Sector Presentations
Infrastructure-Aviation, Railways, Roads & Other Infra Projects
Defence & Aerospace
Agriculture & Crop Monitoring
Healthcare & Pharmaceuticals
Logistics, Unmanned Cargo Transport, Express Delivery & Warehousing
Disaster Management, Law Enforcement & Border Control Surveillance
Energy, Oil & Gas, Petrochemicals, Power & Mining
Surveys, Mapping & Remote Sensing
Tourism, Aerial Photography, Journalism, Cinematography & Entertainment
Urban planning & Environmental monitoring
Search & Rescue operations
Forestry & Wildlife conservation
Other Sectors & Industries

EXPLORING FUTURE SUSTAINABLE GROWTH POSSIBILITIES

Drone-Solutions for Exports to Developing Countries
Policy Level recommendations
International collaborations & Transfer of Technology
Unleashing new opportunities – Innovations & Start-ups
Opportunities & Collaborative road map blueprint
Embracing Transformation & Unlocking blockages
Sustainable long term stakeholders collaboration strategy
Skilling Guidelines for each ecosystem player
Compliance & Certifications



INVITED SPEAKERS & EMINENT STAKEHOLDERS

- Ministry of Civil Aviation
- Airports Authority of India & AAICLAS
- DGCA / BCAS / AERA / DGFT / Customs
- State Aviation Departments
- Ministry of Defence / Ministry of Electronics/ Ministry of Health/Ministry of Agriculture & Other Relevant Ministries
- Airports-Passenger & Cargo
- Ambassadors, Diplomats & International Civil Aviation Authorities
- Defence Services- Indian Air Force, Indian Navy & Indian Army
- DRDO, Defence Innovation Organisation(DIO)
- NITI Aayog
- Innovators & Drone Manufacturers- National & International
- Drone Ecosystem Leaders & Technology Providers
- Drone Component Suppliers
- MRO / OEM Industry for Drones
- Service Providers of the Drone Ecosystem
- Drone Disposal companies
- Drone Federation of India & Other Drone Associations
- UTM Technology Providers & Tracking Organisations

- UAV's & UAM & Advanced Air Mobility (AAM) system companies & Vertiports
- Start-ups, Hubs & Entrepreneurs
- Engineers, Technology Enthusiasts & Innovators
- E-Commerce Companies & E-Logistics providers
- Express Cargo and Ground Handlers
- Integrated Express Service Providers
- Air Freight Companies , Cargo Handlers ,
- Logistics & Warehousing Companies
- Technology Providers, Data Analytics & IoT
- Travel Boards & Film Associations -
- National & International
- Scheduled and Non-scheduled Airlines
- Airport Operators & Airport Service Providers
- Manufacturers & Suppliers/ Wholesalers,
- Distributors & Retailers
- Exporters / Importers / Traders /Manufacturers
- Business Advisors; Legal Experts

User Sector Stakeholders & Industry Experts

- Infrastructure-Aviation, Railways
- Roads & Other Infra Sectors
- Defence & Aerospace
- Agriculture & Crop Monitoring
- Healthcare & Pharmaceuticals
- Transportation and Delivery- Logistics,
- Unmanned Cargo Transport, E-Commerce , Express Delivery & Warehousing
- Disaster Management, Law Enforcement & Border Control Surveillance
- Energy, Oil & Gas, Drilling,
- Petrochemicals, Power & Mining- Surveys , Mapping & Remote Sensing
- Urban Planning & Environmental monitoring
- Search & Rescue operations
- Environment, Forestry & Wildlife conservation
- Fire & Safety Operations
- Tourism, Aerial Photography, Cinematography
- Sports & Entertainment & Amusement Industry
- Drone Skilling & Training Organisations
- Education Organization, NGO's
- Research and Development
- Other Related Sectors & Industries



PHD CHAMBER
OF COMMERCE AND INDUSTRY
VOICE OF INDUSTRY AND TRADE



भारतीय गुणवत्ता परिषद्®
**QUALITY COUNCIL
OF INDIA**
Creating an Ecosystem for Quality

“SPONSORSHIP & EXHIBITION OPPORTUNITIES”

The programme also provides ample opportunities and a global platform to Partner and Showcase game-changing technologies/ trends / products/services in all avenues of this sector to the relevant decision makers and stakeholders, which promises to shape the future of the industry, while further enhancing your brand value.

For Speaker / Partnership / Stall Opportunities Please Contact :

Ms Bhavna Singh, Secretary PHDCCI | Bhavna.singh@phdcci.in | (Mob-9811027759)

For Delegate Queries Please Contact :

Ms. Ambika, Executive Officer, PHDCCI | E:ambika@phdcci.in | (Mob-8929433867)

PHD CHAMBER OF COMMERCE AND INDUSTRY

PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi 110016

Tel: 91-11-26863801-04, 49545454 Fax: 91-11-26855450, 49545451 Website: www.phdcci.in E-mail: phdcci@phdcci.in

