

National Conference & Exposition on “Drone Technology”

18-19th February, 2019 at Vigyan Bhavan, New Delhi



With Support of
Ministry of Civil Aviation, Govt. of India

Organized by:



Engineering Council of India (ECI)



Construction Industry Development Council (CIDC)



Drones as a Service (DaaS)



International Council of Consultants (ICC)

INTRODUCTION :

Unarmed Aerial Systems (UAS), Unmanned Aerial Vehicles (UAVs), or simply “Drones”, represent a new type of remote sensing platform which is inexpensive, easy to use, and provides users with many new options regarding where, when, and how geospatial imagery and data is collected. As the technology proliferates, it is revolutionizing both spatial data collection and geographic analysis. This paradigm shift brings new perspectives to a wide range of application fields, and calls for new skills, best practices, regulations, policies, ethics, and more.

To promote wider awareness about UAVs and related systems, Engineering Council of India (ECI) jointly with its Member Associations, Construction Industry Development Council (CIDC) and International Council of Consultants (ICC) is organizing **“National Conference & Exposition on Drone Technology” during 18-19th February 2019 at Vigyan Bhavan, New Delhi**, with support of Ministry of Civil Aviation, Govt. of India & DaaS (Drone as Service) Network Australia.

Unmanned aircraft (or ‘drones’) is a fast developing sector of aviation, with great potential for producing new jobs and growth. The term ‘unmanned aircraft’ includes very large aircraft similar in size and complexity to manned aircraft, but also very small consumer electronics aircraft.

This conference aims at illuminating the profound changes drones have brought to mapping practice, from platform and sensor selection, flight path planning, field operations, data processing, image analysis, feature extraction, 3-D model construction, and visualization. Experts will share their experiences with application cases and first-hand operational logistics.

The two day National Conference and Exposition on Drone Technology will focus on following sectors :

- Civil Infrastructure
- Construction
- Surveying & Mapping
- Mining & Aggregates
- Precision Agriculture
- Law Enforcement, Emergency Response and Search & Rescue (SAR)
- Manufacturing and imports-exports of Drones
- Regulatory regime of Drones
- Aerospace Management of Drones

UAV Exposition focuses exclusively on a finite number of industries, making it the most effective and efficient vehicle for owners and operators in those industries to access the most relevant education, contacts and products and services.

The Exposition will showcase the newest technology solutions at your fingertips. Qualify and compare products and services from the world’s top airframe manufacturers, component suppliers, software developers and service companies. Ask questions of technical leads and other users. Find the solution that’s right for you.

WHO SHOULD ATTEND:

Professionals involved in capturing, processing and utilizing remotely sensed UAS data including:

- Asset Owners and Operators
- EPCs (Engineering/Procurement/Construction)
- AECs (Architects/Engineers/Construction)
- Surveyors

- 
- Technology Leads
 - Project Managers
 - Farmers & Crop Consultants
 - First Responders and Law Enforcement
 - Research and Innovation Institutes
 - Universities, Training Institutes and Academia
 - Drone Manufacturers, Service Providers, Parts Suppliers (Software and Hardware)
 - Environment Agencies
 - Other (Sectors Actively Using Drone Technology – Agriculture, Construction etc.)

Industries served:

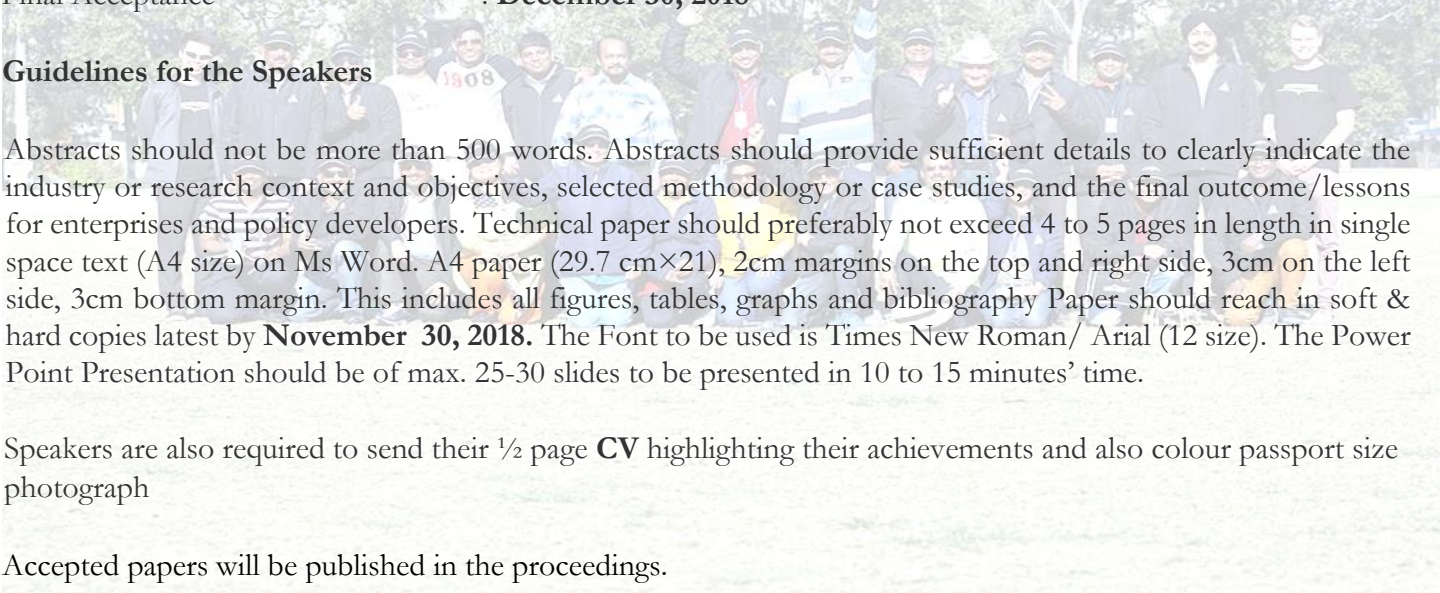
- Process, Power & Utilities
- Infrastructure – Rail, Roads, Bridges
- Construction
- Surveying & Mapping
- Mining
- Precision Agriculture
- Law Enforcement/Security/Search and Rescue (SAR)

CALL FOR PAPERS:

Accepted papers will be published in the proceedings. Submissions should include original materials that have not been published previously or currently submitted for consideration elsewhere. At least one of the authors will be required to personally attend the Conference to present the paper. Paper submission must comply with the following schedule:

- Submission of abstracts : **November 30, 2018**
Submission of Full Length Paper : **December 15, 2018**
Final Acceptance : **December 30, 2018**

Guidelines for the Speakers



Abstracts should not be more than 500 words. Abstracts should provide sufficient details to clearly indicate the industry or research context and objectives, selected methodology or case studies, and the final outcome/lessons for enterprises and policy developers. Technical paper should preferably not exceed 4 to 5 pages in length in single space text (A4 size) on Ms Word. A4 paper (29.7 cm×21), 2cm margins on the top and right side, 3cm on the left side, 3cm bottom margin. This includes all figures, tables, graphs and bibliography Paper should reach in soft & hard copies latest by **November 30, 2018**. The Font to be used is Times New Roman/ Arial (12 size). The Power Point Presentation should be of max. 25-30 slides to be presented in 10 to 15 minutes' time.

Speakers are also required to send their ½ page **CV** highlighting their achievements and also colour passport size photograph

Accepted papers will be published in the proceedings.

ABOUT ORGANIZERS:

Engineering Council of India (ECI) was established on April 4, 2002, by coming together of a large number of Professional Organizations Institutions of engineers, to work for the advancement of engineering profession in various disciplines, for enhancing the image of engineers in society, by focusing on quality and accountability of engineers and to enable the recognition of expertise of Indian engineers and their mobility at international level in the emerging WTO/GATS environment. It has emerged as a common voice of its member organizations. The main objectives of ECI are to work for the advancement of engineering profession in various disciplines and for enhancing the image of engineers in the society. To this end, ECI is focusing on quality and accountability of engineers, regulation through a statutory body, professionalization and their mobility for delivering quality engineering services in India and other countries.

Construction Industry Development Council (CIDC) was established by the Planning Commission (now NITI Aayog) in 1996 jointly with several Union Ministries, PSUs and the construction industry, as the apex body for construction. In CIDC Government & Industry come together on a common platform to evolve and develop policies, initiatives and programs to build, improve and/ or support systems which lead to smoother functioning of Indian Construction Industry. CIDC is also instrumental in formation of National policies in the Chapters on Construction in 10th, 11th & 12th Plans.

International Council of Consultants (ICC), as the apex representative organization of consultancy services was constituted under the patronage of Former Chief Justice of India Mr. Y.V. Chandrachud and several other senior luminaries from Engineering Profession, Mr. R.S. Pathak and Former Judge of Supreme Court of India Mr. H.R. Khanna. Dr. P. R. Swarup, Director General, CIDC is presently the President of ICC and the Governing Council of ICC has representation from several important professional organizations. The specialized role of Consultants is increasingly playing a more significant part in an economy, which is growing fast in a global competitive environment.

Drones as a Service(DaaS)

DaaS (Drones as a Service) was established in 2017 as a multi-faceted business that provides a variety of products, services and offerings to the drone industry.

DaaS was developed after extensive research into the industry with the idea of creating a sustainable drones operational business that provides value to its key stakeholders in areas that include but are not limited to; photography, topography, mining, consultancy, drone configuration, supply of drones, CASA accredited training, drone training, drone maintenance, security, insurance, infrastructure, inspections and maintenance, civil engineering and construction.

DaaS has already placed its footprints in Australia and India, with plans to extend to other regions such as Malaysia, Singapore and other parts of Asia.

SPONSORS

Sponsorship Categories

	Domestic	International
Diamond Sponsor [15 delegates free + 1 pg advt. Colour + 9 sqm area for photo gallery Exposition]	INR 25, 00,000	USD 30,000
Principal Sponsor [10 delegates free + 1 pg advt. Colour + 9 sqm area for photo gallery Exposition]	INR 15, 00,000	USD 25,000
Main Sponsor [6 delegates free + 1 pg advt. Colour + 9 sqm area for photo gallery Exposition]	INR 10,00,000	USD 15,000
Sponsor [4 delegate free + 1 pg advt. B/W]	INR 5,00,000	USD 7,000
Associate Sponsor [2 delegate free + ½ pg advt. B/W]	INR 2,00,000	USD 3,000
Exposition* - Exposition stall per sqm, (Minimum stall size 3 x 3)	Rs. 10,000	US D 500

* **The G S T @ 18% will be additional**

INDIVIDUAL DELEGATE REGISTRATION :

Early Bird Registration

	Before January 15, 2019	After January 15, 2019
Indian Participants	Rs.7,000/- per person	Rs.8,500/- per person
CIDC Members	Rs.5,000/- per person	Rs.6,000/- per person
Indian Students	Rs. 750/- per person	Rs. 750/- per person
Non-Indian Participants	US\$ 475 per person	US\$ 500 per person
Non Indian Students	US\$ 200 per person	US\$ 200 per person

* **The G S T @ 18% will be additional**

The fee covers full participation in the conference, conference materials and proceedings, coffee/tea breaks, luncheons and a banquet.

Important Notes

1. Application forms received without registration fee will not be processed. Please do not send cash.
2. Papers may not be included in the proceedings unless at least one of the authors register and attends the conference presentation.
3. The conference program is subject to change without notice. Acknowledgment of receipt of registration form will be sent within 14 days.

NATIONAL CONFERENCE & EXPOSITION ON “DRONE TECHNOLOGY”

SPONSOR/DELEGATE/AUTHOR

REGISTRATION FORM

Name:

Designation:

**Organization being :
Represented**

Address:

Postal Code/Zip: **Country:**

Phone: **Fax:** **e-mail:**

PAYMENT METHOD

Payment may please be made through bank cheque/draft in favour of “Construction Industry Development Council” payable at New Delhi. Payment may be made through RTGS / NEFT as per details given :

Bank Name: The Federal Bank Limited. Bank Branch: Nehru Place, New Delhi, Bank A/c No.:13020100120032

IFSC Code: FDRL0001302, MICR Code:110049005 Enclosed is our payment by Bank Draft No. _____ Dated _____ for Rs _____ drawn in favour of Construction Industry Development Council payable at New Delhi.

Airmail this form, preferably by registered mail, to:

Conference Secretariat / Coordinator at ECI
Engineering Council of India
801, Hemkunt Chambers,
89, Nehru Place, New Delhi – 110 019
Tel : 011- 4161 7971/26451766/ 41617927 /2648 9992 / 4178 3282
Fax: 011-2645 1604 Email : dtconmail@gmail.com / mjreci@ecindia.org

**NATIONAL CONFERENCE & EXPOSITION ON “DRONE TECHNOLOGY”
REGISTRATION FORM FOR EXHIBITION**

Name of the Coordinating officer:

Designation:

Name of company

Address:

Postal Code/Zip Country

Phone E-mail

Fax Mob:

Products proposed for display

Area of specialization

MENTION THE NAME, WHICH TO BE PRINTED ON THE FASCIA (PLEASE PRINT)

PARTICIPATION CHARGES

		DOMESTIC	INTERNATIONAL	PRIME LOCATIONS PAYMENT SCHEDULE 100% with booking before 30 th December 2018
Options	Area Sq mt	Charges(Rs/sq mt)	Charges(USD/sq mt)	
A- Standard Booth Scheme Minimum Stall Size 3mt x 3mt	9 sq.mtr	10,000	500	
B – Open Space	20 sq.mtr	7,500	400	
		Grand Total		

Note: Organisers will bring out a Exhibition Directory and there will be complementary entry for the same in the Exhibition.

Entry in the Exhibition Directory will cover name and address of Exhibitor/Telephone/Fax/E-mail/Chief Executive/Contact Executive/ brief details of the products on display, product range manufactured, area of specialization and company profile not exceeding 150 words.

If any Exhibitor requires placement of additional company profile, the same will be accepted at full advertisement charges.

We have read the general rules for exhibitors and we shall abide by the same. Payment may please be made through bank cheque/draft in favour of “Construction Industry Development Council” payable at New Delhi.

Payment may be made through RTGS / NEFT as per details given :

Bank Name: The Federal Bank Limited. Bank Branch: Nehru Place, New Delhi, Bank A/c No.:13020100120032

IFSC Code: FDRL0001302, MICR Code:110049005 Enclosed is our payment by Bank Draft No. _____ Dated _____ for Rs _____ drawn in favour of Construction Industry Development Council payable at New Delhi.

Place _____ Date _____ Name & Signature _____ Designation _____

Conference Secretariat / Coordinator at ECI
Engineering Council of India, 801, Hemkunt Chambers,
89, Nehru Place, New Delhi – 110 019, Email : dtconmail@gmail.com / mjreci@ecindia.org
Tel : 011- 4161 7971/26451766/ 41617927 /2648 9992 / 4178 3282, Fax: 011-2645 1604

NATIONAL CONFERENCE & EXPOSITION ON “DRONE TECHNOLOGY”

February, 2019 Timing: 09.00 am to 6.00 pm

EXHIBITION SPACE:

A) **Standard Booth Scheme** : (3 mt X 3 mt.) = 9 sqm @ RS.10,000/- per sqm (Domestic)
(3 mt X 3 mt.) = 9 sqm @ USD 500 per sqm (International)

Exhibitor, with the shell package, will be provided the Stall Panels, Fascia and Carpet Flooring with the following accessories and furniture. Beside this two Full conclave complimentary registration will also be given.

- One Table
- Two Exhibition Chairs
- Two Fluorescent Lights
- One Power Outlet
- One Dustbin
- One Fascia board with company name logo and stall number

B) **Open Space** : (20 sqm) @ Rs.7,500/- per sqm (Domestic)
(20 sqm) @ USD 400 per sqm (International)

A uniform size fascia with company name, logo and stall number will be provided to the Exhibitors. Please mention the company name in the form, which is to be printed on the fascia to ensure that the correct name of your firm appears on the fascia. Please send the soft copy of the company logo through the mail given below.

ADDITIONAL FACILITIES:

Additional facilities like Printer, Plasma TV, VHS and DVD players and any furniture or equipment may be available upon request at extra cost.

PARTICIPATION CHARGES (As indicated in Registration Form)

The duly filled registration form is to be signed and returned to Engineering Council of India, New Delhi. The registration form must be accompanied with payment as indicated therein.

SPECIAL DISCOUNT FOR EARLY BOOKING

As per details given in the Registration Form

INSURANCE

Organisers shall not be responsible for any loss whatsoever incurred by Exhibitors and they should obtain comprehensive insurance coverage for their exhibits against all risk for the period covering transportation, preparation, installation, Fair duration dismantling, return and transit. General Security Insurance will be provided by the organizers.

Note: All the exhibition space will be allocated on a first-come first served basis, so please fax back your booking form ASAP.

* Dates and venue are subject to availability/convenience of the VVIP.