

NATIONAL CONFERENCE & EXHIBITION

ON

“DRONE TECHNOLOGY”

Venue : (TBD)



Organized by



Construction Industry Development Council



Engineering Council of India



International Council of Consultant

Supported by



ACE Aviation, Australia

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 & Exhibition on Drone Technology” during November’2018 at New Delhi**, supported by DaaS (Drone as Service) Network Australia and ACE Aviation, 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 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)

UAV Exhibition 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 exhibition 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:	July 30, 2018
Submission of Full Length Paper:	August 30, 2018
Final Acceptance:	September 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 **July 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.

DELEGATE FEES & SPONSORSHIPS

Early Bird Registration Before July 31, 2018	After July 31, 2018
Indian Participants : Rs.7,000/- per person CIDC Members : Rs.5,000/- per person Indian Students : Rs. 750/- per person	Indian Participants : Rs.8,500/- per person CIDC Members : Rs.6,000/- per person Indian Students : Rs. 750/- per person
Non Indian Participants : US\$ 250 per person Non Indian Students : US\$ 200 per person	Non Indian Participants : US\$ 350 per person Non Indian Students : US\$ 200 per person
Closing Date for Conference Registration : 15th October, 2018	

*The GST@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.

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

Email : iqaccidc@gmail.com / mjreci@ecindia.org

Tel : 011- 4161 7971/26451766/ 41617927 /2648 9992 / 4178 3282 Fax: 011-2645 1604

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Exhibition* - Exhibition stall per sqm, (Minimum stall size 3 x 3)	Rs. 10,000	US D 500	<input type="text"/>

*The GST@18% will be additional

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.

Ace Aviation (AA) started mid 2016 to provide services and training for the remotely piloted unmanned area vehicle sector in Australia. It aims to support Australia's RPAS industry and help in implementing Australian guidelines set by CASA to other parts of the world. AA is Owned and managed by Mr. Mark Viswa Nathan who is an Avionics Engineer and a Private Pilot himself. Mark is a passionate individual who aspires to utilize education and training as a platform to alleviate poverty, social stigma and cultivate creativity and innovation.

Please contact: 801 (8th floor), Hemkunt Chambers, 89, Nehru Place, New Delhi – 110 019, India.
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