

**MEMORANDUM
OF
UNDERSTANDING**

**ENGINEERING COUNCIL OF INDIA
[ECI],
NEW DELHI**

&

**THE INSTITUTE FOR DRONE
TECHNOLOGY, AUSTRALIA**

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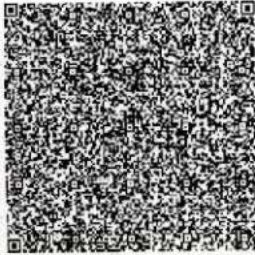
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MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of understanding is entered into amongst the

(1) Engineering Council of India, and its Member Associations, having its registered Office at 1304, Hemkunt Chambers, 89, Nehru Place, New Delhi – 110 019 (hereinafter called "ECI" or "First Party" which expression shall where the context so admits include its successors and permitted assignees), and

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- (2) The Institute for Drone Technology, Australia, having its registered Office at c/o Howes Accounting, 3/36-40 Victoria St, East Gosford NSW 2250 (hereinafter called "IDT" or "Second Party" which expression shall where the context so admits include its successors and permitted assignees),

WHEREAS, ECI is registered as a Not-for-profit Society under the Societies Registration Act, 1860 and is the prime institution to standardize and harmonize, in various major engineering disciplines, professional practices in India and competency standards of practicing professionals with their counterparts in other member countries of WTO, having among their founding members Planning Commission (Now NITI Aayog), All India Council for Technical Education (AICTE), National Board of Accreditation (NBA), Central Public Works Department (Ministry of Urban Development), Department of Commerce (Ministry of Commerce & Industry), Dept. of Secondary and Higher Education (Ministry of HRD), Department of Scientific and Industrial Research, Council of Scientific & Industrial Research & several other Professional Institutions as per enclosed list.

- (1) Whereas IDT, relating to Drone Technology, whose vision is to be a place where experts in drone technology and their industrial applications can share their knowledge and skills with the world. IDT help individuals and organisations understand the revolutionary benefits of drone technology, and gain the skills to implement drone technology in their workplaces. IDT covers a wide range of industry including construction, maritime, agriculture, education, sport, mining, and more. IDT combines online self-paced learning,

classroom/workplace training and practical flight training, that can be tailored to meet the flight needs of any workplace and/or business.

Scope and objectives :

An unmanned aerial vehicle (UAV), commonly known as a drone, is an aircraft without a human pilot aboard. Drones are a component of an unmanned aircraft system (UAS); which include a UAV, a ground-based controller, and a system of communications between the two. The flight of UAVs may operate with various degrees of autonomy: either under remote control by a human operator or autonomously by onboard computers.

Compared to manned aircraft, drones were originally used for missions too "dull, dirty or dangerous" for humans. While they originated mostly in military applications, their use is rapidly expanding to commercial, scientific, recreational, agricultural, and other applications, such as policing, peacekeeping, and surveillance, product deliveries, aerial photography, agriculture, smuggling, and drone racing. Civilian drones now vastly outnumber military drones, with estimates of over a million sold by 2015, so they can be seen as an early commercial application of Autonomous Things, to be followed by the autonomous car and home robots.

Both the entities would work to make the Drone Technology popular in India. This Memorandum of Understanding aims to have a tie up in all aspect of Drone Technology, which interalia would mean and include all types of unmanned vehicles used in various mediums or for various usages, in three work areas:



1. Identify training programs
2. Conduct training of trainers
3. Trained trainers to do the training in India

The work areas listed above shall be in

- i) Hardware/ Designing/ manufacturing of Drones of various capacities and usages,
- ii) Drones Operation,
- iii) Drone Maintenance and
- iv) Interpretation of the Data collected by the drones wrt the various sectors.

This MoU would initially be valid for 5 years from the date of signing.


Responsibilities:-

First Party:-

- 1) ECI will work through its member associations primarily CIDC & ICC and others.
- 2) ECI shall be responsible to provide the batch of trainers, to get them trained by IDT and who subsequently would impart training in India. ECI shall also ensure formation and sending of first batch of 25 trainees to be trained by IDT in Australia.
- 3) Both the parties to form Working Groups / Task Force etc to facilitate policy research and formulation for which they agree to have adequate representation of relevant personnel on such bodies.

Second Party:-

- 1) All licenses and certification to be the responsibility of IDT, however these shall carry ECI name and logo, if it is legal to do so in the relevant jurisdiction, and for the relevant student cohorts.
- 2) Apart from trainers to cover each sector, ECI shall also be sending a batch of 25 trainees. IDT will be responsible to arrange employment for this batch of 25 trainees anywhere in this world. It is understood by all parties that IDT is not itself the employer, and cannot guarantee the employment of any individual trainee in advance as this will always be the decision of the employer. However, IDT will make available to the trainees, information on employment opportunities available, and, if the trainees warrant it, recommend graduates of the training to employers.
- 3) All international licenses, protocols and statutory clearances shall be the responsibility of IDT including their validities, except in India.
- 4) IDT to introduce ECI to its network of employers and drone manufacturers to jointly facilitate employment opportunities for the students and also explore corporate tie-ups.
- 5) IDT to share marketing collaterals, inputs and case studies for effective marketing of the courses in India.
- 6) Both the parties to form Working Groups / Task Force etc to facilitate policy research and formulation for which they agree to have adequate representation of relevant personnel on such bodies.
- 7) IDT shall provide ECI access to IDT network of sectoral bodies / organizations who are using the Drone applications to facilitate better and greater understanding of the same and replicate the same in India.
- 8) IDT shall conduct Seminars / Workshops and Conferences in India and Australia to achieve the objectives of this MOU.
- 9) IDT shall provide valid license and authorization to the learners to operate and maintain the Drone and its technology in places other than Australia, where they are available and where IDT has accreditation to do so, so long as the learners meet all the relevant requirements for attaining such.



Financials

- 1) Fee distribution and cost sharing for all initiatives shall be elaborated in a subsequent MOU which shall form an integral part of this MOU
- 2) This MOU entails no financial liability on any of the parties at this stage. Both shall be delivering their duties and responsibilities without any financial implication to each other, in India or Australia.

The above arrangements would be valid for a period of *Five* years and could be renewed hereafter with mutual consent.

TERMINATION

This MoU could be terminated by giving a notice of four months or the conclusion of ongoing programs, whichever is later, from either side, however the first right of refusal / acceptance shall be that of the first party.

In witness, we have set our hands to this MOU, this 10th Day of November, 2017, at New Delhi.


(Dr P.R. Swarup)
Member Secretary
Engineering Council of India,
India

First Party

Witness:


(Dr Joel Spencer)
CEO
Institute for Drone Technology,
Australia

Second Party

Witness:

Place:- New Delhi, India