



Tezpur University Silver Jubilee  
Celebration Programme



Workshop on

## Drone and its Applications

*Harnessing full potential through Industry Academia Interactions*

Jointly organized by

Geoinformatics Center, Asian Institute of Technology,

Bangkok, Thailand

&

Centre for University-Industry Interface, Tezpur University

**Date: 16 March 2018 (Friday)**

**Venue: Council Hall, Tezpur University**

### PREFACE

*About Geoinformatics Center, AIT and NIED, Japan:*

The AIT (*Asian Institute of Technology*), Bangkok, Thailand is an international institute established in 1959 to meet the growing need for advanced-engineering education in Asia and the Pacific region. The Geoinformatics Center (*GIC*) was established at AIT to support the countries in the Asian region in applications of Geoinformatics. The Center provides knowledge and know-how to support planning and decision making for sustainable development by integrating Geoinformatics with other conventional methods and tools. Geoinformatics Center is collaborating with NIED (*National Research Institute for Earth Science and Disaster Resilience*), Japan to build drones for applications in various fields. NIED was established in 1963 and it aims to protect people's lives and properties from natural disasters and to prepare society to be resilient to natural disasters,

through research on disasters caused by earthquakes, volcanoes, floods, landslides, meteorological changes, snow and ice damages. Drones built by NIED are being used for mapping and monitoring of glaciers, volcanos and they have also interest in post disaster damage mapping.

*About Centre for University-Industry Interface, Tezpur University:*

Tezpur University (TU) is relatively young but upcoming institute of higher education with 100<sup>th</sup> rank in Asia and 7<sup>th</sup> in India (THE). TU's urge to orientate its academic programmes towards useful deliverables for Industry has led to start a *Centre for University-Industry Interface* (CUII). CUII intends to act as a bridge providing an elegant connection between the Industry and the University to harness and accelerate much needed interactions between the Industry and the University.

### ABOUT THE WORKSHOP

The workshop aims to deliberate on a regional roadmap for developmental of Drone, especially its application potentials in different fields of economic and social relevance with the participations of experts from NIED; GIC-AIT; TU and organizations in the fields of industry, academics, Governments Departments and NGOs.

The workshop is expected to benefit all potential users including learners to familiarize with multi-dimensional application prospects of this cutting edge technology.

### RESOURCE PERSONS

Dr Hiroshi Inoue, NIED (*experienced in building and flying drones in several countries in the world*)

Dr Manzul Kumar Hazarika, Director, GIC AIT (*experienced to handle geospatial and disaster management projects all over the globe*)

## **PARTICIPANTS**

Academia: Academic Institutes of NE India

Government: Assam Police (Security),  
ASDMA,  
ARSAC,  
GMDA (Smart City Cell),  
National Highway Authority,  
NESAC;

Energy Sector: Coal India, Indian Oil,  
NRL, Oil India Limited,  
ONGC;

Tea Sector: NETA,  
TRA (Tocklai),  
Tata Tea;

## **CONTACTS**

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## **PROGRAMME**

12:30 hrs.	Registration
12:45 hrs.	Inauguration
13:30 hrs.	Drone: Present status and its prospects <i>Speaker: Dr Manzul Kumar Hazarika</i>
14:30 hrs.	Drone and its applications and R&D opportunities <i>Speaker: Dr Hiroshi Inoue</i>
15:15 hrs.	Panel discussion Strategy for harnessing potential of Drone Technology under changing scenario: Role of Industry, Academic and Research Institutes for development Panellists: <ul style="list-style-type: none"><li>• Representative of host organization</li><li>• Representative of Academia</li><li>• Representative of R&amp;D institutes</li></ul>
16:00 hrs.	Vote of Thanks & Tea