



Anna university
Center For Aerospace Research ,MIT campus
Chennai-600044, Tamil Nadu, India.



We invite you to visit us at stall C 2.7- B3 in Hall - C

at

AERO INDIA 2017

"Asia's Premier Air Show"

14 - 18 February 2017

Air Force Station Yelahanka, Bengaluru

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GOVERNMENT OF TAMILNADU
State Planning Commission
Tamil Nadu Innovation Initiatives (TANII) Scheme

CENTRE FOR AEROSPACE RESEARCH
MIT Campus of Anna University, Chennai.



MAJOR APPLICATION

USER DEPARTMENT	DESCRIPTION
URBAN PLANNING	City survey & Planning Virtual model creation City Asset Maintenance & Cleanliness Monitoring Volumetric assessment in Solid Waste Management / Road Works/ Canal Works
AGRICULTURE	Field survey & identification of cropping pattern Crop health monitoring Damage assessment of affected crops Crop yield estimation
DISASTER MANAGEMENT	Real time video feed from disaster affected area Survivor Recognition & Hotspot Scanning in disaster affected areas GIS Mapping (2D & 3D) of damaged/disaster affected area
FORESTRY	Forest cover mapping & monitoring Illegal Activity Monitoring & identification including poaching Forest fire location identification
INFRASTRUCTURE	2D studies (distance / area mapping) & alignment surveys using orthomosaic maps Volumetric analysis, quantity estimations and stability studies using 3D models Inspection of asset condition and virtual inspection of Infrastructure projects.
REVENUE	Large Area survey & Land use mapping
MINING	Cadastral survey Virtual tours, area survey and area violation mapping in mining area Quantity estimation of mineral extraction
POLICE	Security planning Crowd Monitoring at Public events
BASIC ENGINEERING	Ortho-mosaic 2D maps 3D models and volumetric analysis
TOURISM	Videos/Movies with/without Virtual Reality (VR) outputs as marketing tools Analytics embedded video clips for maintenance and cleanliness of tourist places Virtual reality model of a tourist attraction

