







Simonetta Di Pippo

PROGRAMME ANNOUNCEMENT

During the Fiftieth anniversary of first United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE +50) at Vienna on June 18 2018, India announced a training Programme for international participants on small satellite development.

- ☐ Training of 30 candidates per batch
- □ Consecutively for a period of 3 years starting from January 2019

Enabling platform to make Nano satellites

UNNATI

(UNispace Nanosatellite Assembly & Training by ISR





India's contribution to Unispace+50 initiatives







PROGRAMME OBJECTIVE

- □ To offer a simplified and increased exposure to satellite fabrication technologies, as part of the UNISPACE initiative
- ☐ To provide theoretical course on satellite technology
- □ To provide intensive course on nano satellite realisation, covering mission aspects, design, fabrication, assembly, integration & testing
- ☐ To provide hands-on training to assemble, integrate and test a low cost, modular nano satellite







THEORETICAL COURSE CONTENTS

7	
	Introduction to Satellite Technology & Applications
	Celestial Mechanics & Orbit Dynamics
	Mission Overview, analysis & Operations
	Satellite Tracking - Ground segment
	Satellite Mechanical Systems
	Satellite Electrical Systems
	Introduction to Optical Remote sensing payloads and
	their applications
	Overview of AIT Assembly, Integration and Testing
	Spacecraft Checkout system
	Introduction to Nanosatellite & Applications
9	Space debris management and mitigation
	Parts, Process & Material Assurance
	Emotional Intelligence
	Environmental Testing of Spacecraft & Subsystems
	Space Quiz
	Guest Lectures
	and Many More Interesting topics



at URSC - INDIA

30 Participants for 17 Countries



UNNATI PROGRAMME OPPORTUNITIES 2019-2020

UNNATI Programme Batch 2

Commencement of Registration: May 15, 2019

Commencement of course : October 15, 2019

Completion of course : December 15, 2019

UNNATI Programme Batch 3

Commencement of registration: May 15, 2020

Commencement of course ____ : October 15, 2020

Completion of course : December 15, 2020

For any additional information/query contact us : unnati@isac.gov.in

We welcome participants around the Globe



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