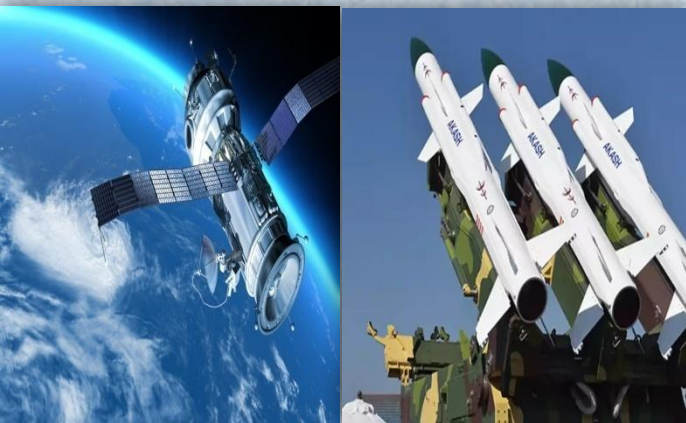




An Initiative of  
**AICTE Training And Learning (ATAL)**  
 Academy,  
 Government of India  
**Thrust Area**  
**Space and Defense**

Faculty Development Programme on

**“Research, Development and Challenges  
 in Space and Defense Sectors”**



From 6<sup>th</sup> - 11<sup>th</sup> January, 2025  
 (Online)



Last Date of Registration: 5<sup>th</sup>  
 January, 2025  
 ( Through AICTE, ATAL Portal )  
 Venue: NIT Manipur

### Experts from Overseas

**Dr. Goutam Chattopadhyay**  
 Senior Research Scientist NASA  
 Jet propulsion Laboratory, California  
 Institute of Technology, USA  
**Topic: Space Communication**



**Mr. Rohit Kumar**  
 SW Architect Robert Bosch Gmbh  
 Lisbon, Portugal  
**Topic: V2X Communication in Context  
 of research and standardization**



### Experts from Industry

**Dr. Raj Kumar Malaviya**  
 Ex scientist, ISRO  
 Antenna Test and Measurement  
 Society ( ATMS)  
**Topic: Antenna Measurement  
 technique for Space and Defense sectors**



**Mr. Anirudha Kulkarni**  
 RFAQUA solution  
 Director, India  
**Topic: X- band Marin Radar  
 SONAR system**



**Ms. Urmi Bhambhani**  
 SISIR RADAR  
 (Co-Founder and Director)  
**Topic: Radar System**



**Dr. Arindam Deb**  
 SISIR RADAR  
 14 years at school of Electronics Engg  
 2 years in Sisir radar  
**Topic: Ground penetrating radar**



**Mr. Rakesh Bhan**  
 Tata Advanced Systems Limited (TASL)  
 As Vice president and Head Space program  
 Years : 24 years  
**Topic: Emerging technologies in space**



### Experts from Academics

**Dr. V Mahadevan**  
 ISRO, Group Director  
**Topic: Satellite Antenna  
 System Challenges**



**Prof. T.K. Hazarika**  
 Mizoram University  
 Professor  
**Topic: Wild edible fruits and  
 Vegetables for the defense people  
 during emergency**



**Prof. ParthaPratim Sarkar**  
 University of Kalyani  
 Experience:  
 Teaching: 30 years  
**Topic: Frequency Selective Surface  
 for defense applications**



**Prof. Himjyoti Dutta**  
 Mizoram University  
 Asst. professor  
**Topic: Food for Defense: Consideration  
 and Execution**



**Dr. Saikat Mukherjee**  
 Asst. Professor  
 Manipur University  
 Department of Biochemistry  
**Topic: Insights into the Biological Warfare  
 and Bioterrorism**



**Dr. Santosh Kumar**  
 K L University  
 Department Electronics and  
 Communication Engineering  
**Topic: Advance Optical Sensor  
 for Health Care Applications**



## Objective of the Course

The main objective of ATAL Academy is to plan and help in imparting technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging areas.

## About Online FDPs

In this world characterized by rapid change, complexity, and uncertainty, the skills of the past are no longer sufficient for today or tomorrow. The revolution in thinking, formulating, shaping, discussing and executing the ideas in a much closer environment through the digital world. Adapting to the pace and adjusting the needs of the academia, the Council has decided to offer Faculty Development Programme in online mode through the AICTE Training And Learning (ATAL) Academy for Financial Year 2024-25 in addition to the offline FDPs already announced.

## About ATAL

The vision of ATAL is to empower faculty to achieve goals of Higher Education such as access, equity and quality. Its mission is to establish AICTE Training and Learning (ATAL) cell in all the technical institutions, Universities, Deemed-to be Universities and other institutions of technical learning.. Its mission also includes establishment of Academies web portal and mobile application for carrying out its operations and to build a database of trainers/experts, Video Repositories, Training materials and training needs of technical institutions. The Training needs analysis of technical manpower of the country.

For details of the programme and course contents etc., please log on to AICTE Training And Learning (ATAL) Academy website:  
<https://www.aicte-india.org/atal>

## Patron

**Prof. D V L N Somayajulu**  
Director, Professor, Dept. of CSE  
National Institute of Technology Manipur



## Course Coordinators

- **Dr. Kalyan Mondal (Coordinator)**  
Assistant Professor,  
National Institute of Technology Manipur  
Experience: 13 Years
- **Dr. L. Lolit Kumar Singh (Co-Coordinator)**  
Professor,  
National Institute of Technology Manipur  
Experience: 23 Years



## Advisory Committee

- **Dr. Aheibam Dinamani Singh**  
Professor and HOD, National Institute of Technology Manipur
- **Dr. L. Surakkumar Singh**  
Associate Professor,  
National Institute of Technology Manipur
- **Dr. Manoj Kumar**  
Assistant Professor,  
National Institute of Technology Manipur
- **Dr. Ashish Ranjan**  
Associate Professor,  
National Institute of Technology Manipur
- **Dr. Wahengbam Vandana Devi**  
Assistant Professor,  
National Institute of Technology Manipur



## Computer Operator

- **Mr. Khaidem Panthoi Meetei**  
Technical Assistant (System),  
National Institute of Technology Manipur



## About NIT Manipur

National Institute of Technology Manipur is an institute of National Importance with funding support from the Ministry of Human Resource Development situated in Imphal, Manipur, India. NIT Manipur is located in Langol, Imphal-795004, which is about 10 km from the Imphal International Airport. It is one of the 31 National Institutes of Technology in India. NIT Manipur started its first academic journey in 2010. The primary goal of NIT Manipur curriculum is to develop scientific thinking in students, to promote their problem solving skills and innovate technologies.

## Who Can Attend

Programme is open to Faculty Members, Research Scholars, PG Scholars of the AICTE approved institutions and Industry Personal.

## How To Apply

**Online** – The participants may log on to AICTE Training And Learning (ATAL) Academy website:  
<https://www.aicte-india.org/atal> and fill up the participants registration for new FDP.  
<https://atalacademy.aicte-india.org/login>

**Registration Fee (Free)**

## Contact Details

For more details or any queries please contact  
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