



**Short Term Course**  
**on**  
**The Science & Art of Academic Writing, Publication & Protection**  
**21 July 2025-25 July 2025**  
*Organized by*  
**Department of Technology Management**

Defence Institute of Advanced Technology is organizing a **Short-Term Course** on **The Science & Art of Academic Writing, Publication and Protection** from 07 July 2025 to 11 July 2025. The Defence Institute of Advanced Technology (DIAT) is a premier Deemed University under the Department of Defence Research and Development, Ministry of Defence, Government of India. Over the past 60 years, DIAT has been dedicated to imparting technical education at the postgraduate and doctoral levels in specialized areas. The institute's primary focus is to evolve into an innovative, unique teaching and research university committed to developing cutting-edge indigenous defense technologies.

The Department of Technology Management was launched in the Academic Year 2014-15. It offers M. Tech in Technology Management and PhD in the following research areas: Innovation Management, R&D Management, Human Resource Management, Project Management, and AI & Data Analytics for Decision Making. The M. Tech and PhD programs are open to both civilian and sponsored candidates from the defense, academia, and industry. The Department has been engaged in the capacity building of Research Scholars, Faculties, Industry Professionals, Service officers, and Scientists through short-term training and action research programs dedicated to the development of innovative research, teaching, and techno-managerial skills since its inception.

**Major topics to be covered in the short-term course are –**

- Productive Thinking Skills for Research
- Research Idea Generation & Refinement Techniques
- Data Collection and Analysis - Best Practices
- Tools for Research Documentation
- Professional Ethics, Integrity & AI in Research
- Effective Oral Presentations & Conference Talks
- Technology Readiness Levels (TRLs) and Research Maturity
- Intellectual Property & Research Protections
- Technology Transfer & Commercialization Pathways
- Non-Disclosure Agreements (NDAs) and Confidentiality in Research
- Grants, Funding & Career Development in Research
- Time and Stress Management in Research

The short-term course will include sessions delivered by the world's top 2% of scientists and eminent faculty from DIAT. The entire course will be conducted offline, which will consist of engaging lectures and classroom activities. The short-term course is open to Research Scholars, Faculty members, Scientists, and Aspiring Researchers from the country. Registration is mandatory for all participants of the Short-Term Course. All those who meet the eligibility criterion are required to pay the non-refundable enrollment fee. The eligible participants who have made the payment are required to register online **on or before 15 June 2025**. The participants must make the prescribed payment through NEFT/IMPS or any online mode of payment to the following account:

Payment at	<a href="https://www.onlinesbi.sbi/sbicollect/">https://www.onlinesbi.sbi/sbicollect/</a>
Steps for Payment	1. Select Academic Institution: DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY 2. Payment Category: Conference/Workshop Registration Fees 3. Name of the Conference/Workshop: The Science & Art of Academic Writing, Publication & Protection
Registration Fee for Students (Under Graduate/Post Graduate/ Research Scholars)	3000 INR (Inclusive of GST)
Registration Fee for Scientists/Faculty/Working Professionals	6000 INR (Inclusive of GST)
Last date of Receipt of online application	10 July 2025
Confirmation mail to participants	15 July 2025

After payment, participants must complete the following online registration form with all necessary details.

**Registration Form:** <https://forms.gle/3WCafuVZ5nDa23Kf9>



**Course Details**  
**of**  
**The Science & Art of Academic Writing, Publication & Protection**  
**21 July 2025-25 July 2025**

*Organized by*  
**Department of Technology Management**

**Course Director:** Prof. (Dr.) Balasubramanian Kandasubramanian

**Course Co-Director:** Dr. Sumati Sidharth

**Course Coordinator:** Dr. Amrita Nighojkar

**Organizing Team:** Dr. Ganapati Joshi, Dr. Odelu Ojjela, Dr. Nilesh Ware, Dr. Rajesh Singh, Dr. Shyamal Mondal, Dr. Soumya S, Dr. Sushma Kumari, Dr. K Srinivasan, and Dr. Hariom Verma

**Course Objectives:**

- Equip participants with essential skills for academic research and publication.
- Enhance scientific thinking, research planning, and manuscript writing abilities.
- Develop communication and presentation skills for effective dissemination of research findings.
- Provide strategies for managing research efficiently while maintaining ethical integrity.

**Course Overview:**

**Productive Thinking & Research Foundations**

- Introduction to Productive Thinking in Research
- Idea Generation & Refinement Techniques
- Structuring Research Ideas for Maximum Impact

**Scientific Method and Experimentation Skills**

- The Scientific Method in Research
- Data Collection & Analysis Best Practices
- Research Documentation and Lab Notebooks

**Communication Skills and Ethical Integrity**

- Principles of Academic Writing
- Effective Oral Presentations & Conference Talks
- Professional Ethics, Integrity & AI in Research

**Research Commercialization, NDAs & Technology Transfer**

- Technology Readiness Levels (TRLs) and Research Maturity
- Intellectual Property & Research Protections
- Technology Transfer & Commercialization Pathways

**Management of Research & Career Development**

- Grants, Funding & Career Development in Research

**Contact:**

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**Accommodation & Food Information:**

Accommodation for the course will be provided in either Yamuna or Godavari, depending on availability. The charges are as follows:

**Accommodation:**

- i) Yamuna hostel - Rs. 1092/- per day per person (sharing occupancy)
- ii) Yamuna hostel - Rs. 1500/- per day per room (single occupancy)
- iii) Godavari hostel (1 bhk studio apartment) - Rs. 2,500/- per day per room.

**Food:**

- i) Ganga mess - Rs. 130/- per day per person
- ii) Godavari mess - Rs. 500/- per day per person