



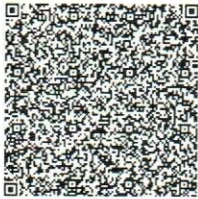
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Property Description : Not Applicable
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First Party : INDIAN INSTITUTE OF DRONE TECHNOLOGY IIDT
Second Party : NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY NIELIT
Stamp Duty Paid By : INDIAN INSTITUTE OF DRONE TECHNOLOGY IIDT
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Memorandum of Understanding (MoU)

Between

राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान

National Institute of Electronics & Information Technology (NIELIT)

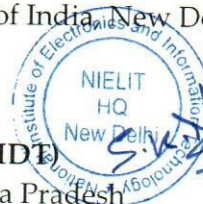
Ministry of Electronics & Information Technology, Government of India, New Delhi – 110077

And

भारतीय ड्रोन प्रौद्योगिकी संस्थान

Indian Institute of Drone Technology (IIDT)

Prakhar Flying Zone, Dodi, Darkheda, Madhya Pradesh



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भारतीय ड्रोन प्रौद्योगिकी संस्थान
Indian Institute Of Drone Technology



This Memorandum of Understanding (MoU) is entered into on the 12th Day of March, 2025, by and between:

1. **National Institute of Electronics and Information Technology (NIELIT)**, an autonomous scientific society under the Ministry of Electronics and Information Technology, Government of India, which provides training and education in advanced technology domains. NIELIT, now Deemed to be University under Distinct category as per UGC (Institution Deemed to be Universities) Regulations, 2023. It is the only University under Ministry of Electronics and Information Technology. It has its main campus at Ropar, Punjab 40 kilometres from Chandigarh, on the Chandigarh-Jalandhar National Highway. NIELIT Deemed to be University has 11 constituent centres at Agartala, Aizawl, Ajmer, Aurangabad, Calicut, Imphal, Itanagar, Kohima, Gorakhpur, Patna and Srinagar.

The Deemed to be University is offering IT and Electronics programs which are Research and industry-relevant. The University is offering Doctorate, Post Graduate, Undergraduate and Diploma courses across its 11 constituent centres.

It is a pioneering Deemed to be University dedicated to shaping the future through education, innovation, and research. Established with a vision to redefine the learning experience, we are committed to nurturing intellectual curiosity and fostering creativity. With distinguished and industry professionals as faculty and state-of-the-art facilities and emphasis on interdisciplinary learning, we are focused on preparing our students to excel in an ever-evolving technological world. The focus of the University is:

- To carry out the academic processes in accordance with global standards through active teacher-student-industry participation.
- To promote research, innovation and entrepreneurship in collaboration with industry, research laboratories and academic institutions of global repute.
- To inculcate high moral, ethical and professional values amongst our students, faculty & staff.
- To contribute in building skillful society.

hereinafter referred to as "NIELIT".

2. **Indian Institute of Drone Technology (IIDT)**, an Industry promoted & sponsored Premier Research & Education Institution in the heart of India i.e. Madhya Pradesh. IIDT's focus is on high-end Research & Development and innovation in the realm of drones. IIDT aims to make the entire Unmanned Aerial System (UAS) specially the Drone Eco-system indigenous. Positioned at the Confluence of Academia, Industry and Government, IIDT is meticulously aligned with India's grand vision of becoming not only self-reliant nation – "Atam Nirbhar Bharat" – but also the preeminent Global Drone Capital of the World (D-COW). IIDT's comprehensive curriculum encompasses all aspects of Drone Technology including Piloting, Navigation, and Repair & Maintenance of advances Drone Systems. It also provides specialized courses in Artificial Intelligence (AI) integration, Drone Flight Controller development and AI-based Data Analytics, ensuring the cutting edge Skills to the candidates, hereinafter referred to as "IIDT"; and

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Indian Institute Of Drone Technology



WHEREAS:

1. IIDT possesses extensive Industry specific Research & Development Expertise in Designing, Developing and Delivering the intensive & innovative curriculum and Training Modules in Drone Technology to the youth of the nation leveraging industry standards and cutting-edge practices which are even the eye opening to the Global Drone & Anti-Drone Market. IIDT with its world-class state-of-the-art infrastructure and facilities deliver to its students the best of the recent researches taking in-house and can cater to the world.
2. NIELIT, with its established infrastructure and reputation in the country and abroad for delivering quality Formal & Informal higher education, aims to expand its offerings to include specialized programs in emerging fields.
3. Both parties acknowledge the increasing significance of Drone and Anti-Drone Technology in industries such as Defence, Agriculture, Logistics, Disaster Management, Power Sector, Tourism and Smart Cities, and the need to produce highly skilled professionals in this domain.
4. IIDT and NIELIT wish to collaborate in the Designing Developing and Delivering the Highest level of Formal Professional Post-Graduate Degree as **Master of Technology (M.Tech.)** courses in Drone Technology and Short-Term Professional courses for Employment & Self-Employment ensuring the integration of academic excellence and industry relevance.

NOW, THEREFORE, the parties hereto agree as follows:

1. Objectives

1.1 Formal Education for Professionals: M.Tech. Courses - Designing Developing and Delivering the Highest level of Formal Professional Post-Graduate Degree as **Master of Technology (M.Tech.)** courses in Drone Technology offered under the collaboration:

1. **M.Tech. – Radio Frequency Engineering in Unmanned Aircraft System**
2. **M.Tech. – Electronics & System Integration in Unmanned Aircraft System**
3. **M.Tech. – Structural Design & Material Management in Unmanned Aircraft System**
4. **M.Tech. – Geo-Spatial Intelligence in Unmanned Aircraft System**
5. **M.Tech. – System Application Development in Unmanned Aircraft System**

1.2 Capacity Building through Short-Term Courses

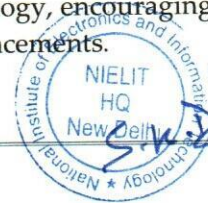
In addition to the formal M.Tech programs, IIDT and NIELIT will collaborate to and Short-Term Professional Certification Courses aimed at Capacity Building and Skill Development in Drone Technology, targeting industry ready professionals for employment and Self-employment.

1.3 Promote Research and Innovation

To promote advanced research and innovation in drone technology, encouraging students and faculty to address real-world challenges and foster technological advancements.

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Sahasrath



S. K. Shrivastava



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Indian Institute Of Drone Technology



2. Roles and Responsibilities

2.1 IIDT Responsibilities:

2.1.1 Develop and deliver a comprehensive course curriculum for the M.Tech program, incorporating core and elective subjects, practical projects, in Emerging Technologies in Drone Technology.

2.1.2 Provide technical expertise, including guest lectures, workshops, and access to IIDT's world class state-of-the-art facilities & Drone Labs for Advanced Learning and Research.

2.1.3 Regularly update the curriculum to reflect Technological Advancements and industry needs, ensuring the program remains dynamic and future-ready.

2.1.4 Ensure that the course content is tailored to prepare students for diverse applications of drone technology, including autonomous systems, aerial data analytics, and drone programming.

2.1.5 Act as the exclusive partner for developing and delivering the course content and supporting the implementation process.

2.2 NIELIT Responsibilities:

2.2.1 Facilitate the academic implementation of the Joint M.Tech program by leveraging its infrastructure, administrative support, and academic framework.

2.2.2 Appoint qualified faculty and support staff for the delivery of the program, ensuring adherence to academic quality standards in consultation with IIDT.

2.2.3 Provide classrooms, laboratories, and equipment necessary for delivering both theoretical and practical components of the program.

2.2.4 Handle the admission process, conduct examinations, and award Joint Degrees (IIDT & NIELIT) in accordance with regulatory requirements and the policies of NIELIT.

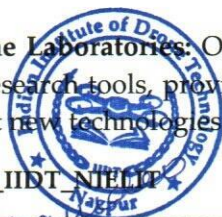
2.2.5 Actively promote the program through its network and communication channels to attract students from diverse regions and backgrounds.

3. IIDT: A Pioneer in Drone Technology World-Class Infrastructure at Dodi, MP

IIDT is home to some of the most advanced facilities for drone education, research, and testing. Highlights include:

- 1) **Advanced Drone Laboratories:** Our laboratories are equipped with the latest drones, simulation software, and research tools, providing students and researchers with a hands-on environment to develop and test new technologies.

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- 2) **Flight Testing Zones:** We offer extensive outdoor testing zones, where students can conduct real-world flight tests, performance evaluations, and system integration exercises in a controlled environment.
- 3) **Integrated Command and Control Centre and Indigenous Live Streaming Solution:** The Integrated Command and Control Centre and the Indigenous Live Streaming Solution enable real-time aerial surveillance, with drone feeds integrated into a centralized system. AI-based analytics help detect incidents quickly, allowing for faster decision-making and improving operational efficiency in monitored areas.
- 4) **Innovation Incubation Centre:** IIDT's incubation centre provides budding entrepreneurs and innovators with the resources, mentorship, and infrastructure they need to develop, prototype, and bring new drone technologies to market.
- 5) **Smart Theory Classes:** The Theory classes in the IIDT are equipped with modern equipment and interactive classroom setup for the best student experience while taking the theory classes. These features are a must for a swift knowledge transfer during the understanding of technical aspects of drone technology.
- 6) **International Standard Runway:** - 500-meter runway for fixed-wing drone operations: The 500-meter runway provides a dedicated space for launching and landing fixed-wing drones, facilitating drone testing, flight demonstrations, and training exercises. It ensures safe and controlled operations, making it ideal for high-range UAV missions.
- 7) **Hostel Facility for staff and students:** with a 100-person capacity: The hostel facility, with a capacity of 100 people, offers onsite accommodation for staff and students, creating an immersive learning environment. Equipped with modern amenities, it supports residential training programs for extended courses, enhancing productivity and collaboration

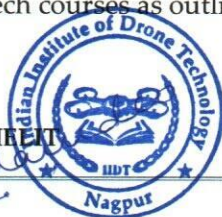
4. Exclusivity

NIELIT should have IIDT as an exclusive Education Partner for NIELIT for Designing Developing and Delivering the Highest level of Formal Professional Degree as **Master of Technology (M.Tech.)** courses in Drone Technology in collaboration with NIELIT.

5. Intellectual Property Rights

5.1 The Intellectual Property Rights (IPR) for the Course Curriculum, Teaching Materials, and related documentation developed by IIDT shall remain with IIDT.

5.2 NIELIT shall have the non-exclusive right to use the curriculum and materials solely for the implementation of the M.Tech courses as outlined in this MoU.



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S. V. Shrivastava



5.3 Any research outputs, patents, or innovations resulting from this collaboration shall be jointly owned by IIDT and NIELIT, with specific terms to be defined in separate agreements.

6. Financial Arrangements

6.1 Both parties agree to determine the financial modalities, including tuition fees, revenue-sharing mechanisms, and cost-sharing for infrastructure, in a separate annexure to this MoU.

6.2 NIELIT shall be responsible for collecting tuition fees, while IIDT shall be compensated for its contributions as per mutually agreed terms.

6.3 Financial transparency shall be maintained, with periodic audits and reviews.

7. Term and Termination

7.1 This MoU shall come into effect from the date of signing and remain valid for a period of five (5) years, subject to renewal upon mutual agreement.

7.2 Either party may terminate this MoU by giving three (3) months' written notice, provided that ongoing academic sessions are not disrupted.

7.3 In the event of termination, both parties shall ensure an orderly wind-down of the program and equitable resolution of financial and operational matters.

8. Governance and Coordination

8.1 A Joint Coordination Committee (JCC) shall be constituted with equal representation from IIDT and NIELIT to oversee the implementation and governance of the program.

8.2 The JCC shall meet at least once every quarter to review progress, address challenges, and explore opportunities for further collaboration.

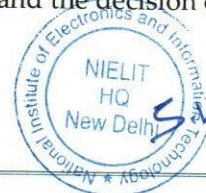
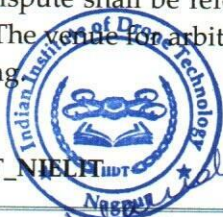
8.3 Regular reports on program outcomes, student feedback, and operational performance shall be shared with both parties.

9. Dispute Resolution

9.1 Any disputes arising under this MoU shall be resolved amicably through mutual discussions at the senior management level.

9.2 If unresolved, the dispute shall be referred to arbitration in accordance with the Arbitration and Conciliation Act, 1996. The venue for arbitration shall be New Delhi, and the decision of the arbitrator shall be final and binding.

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10. Amendments

10.1 Any amendments or modifications to this MoU shall be made in writing and signed by authorized representatives of both parties.

11. General Provisions

11.1 This MoU does not create a partnership, joint venture, or agency relationship between the parties, and each party shall remain an independent entity.

11.2 Both parties shall comply with all applicable laws, regulations, and policies in the performance of their obligations under this MoU.

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum of Understanding on the day, month, and year first above written.

For National Institute of Electronics and Information Technology (NIELIT):

Name: DR. S.K. DHURANDHER

Designation: EXECUTIVE DIRECTOR

Signature: S.K. Dhurandher

Date: 12/03/2025



For Indian Institute of Drone Technology (IIDT):

Name: Ms. Sahasra Nand

Designation: Group MD

Signature: Sahasra Nand

Date: 12th March '25



Witnesses: Deepam

Name: DEEPA DUBEY

Signature: SCIENTIST-C

Name: DR. SMITA SHARMA

Signature: Smita

Yogendra Sharma

YOGENDRA SHARMA
National Coordinator

Rishita Umori
National Coordinator