




Pune Knowledge Cluster

presents

LEAD: Learn | Explore | Access | Discover


Study Tour to Defence Institute of Advanced Technology (DIAT), Pune	
Organized by	Pune Knowledge Cluster (PKC)
In Collaboration with	Defence Institute of Advanced Technology (DIAT), Pune
About LEAD	LEAD is an initiative of the Pune Knowledge Cluster, providing vocational exposure and networking opportunities to students. Students will learn about the 'Science and Technology' ecosystem in the Pune region which includes research institutions, startups, and industries, through study tours, field visits, and interactions with experts from diverse knowledge-driven sectors.
About DIAT, Pune	<p>The Defence Institute of Advanced Technology, (DIAT) has state-of-the-art laboratories that cater to research requirements of Armed Forces, DRDO, Defence Quality Assurance, Defense Ordnance Factories, Directorate of Aeronautical Quality Assurance, and other Public Sector undertakings.</p> <p>It is a premier autonomous educational institute, equipped with modern laboratories, and well-qualified faculty members, is engaged in postgraduate education and research leading to M.Tech and Ph.D degrees. For more information, visit- https://www.diat.ac.in/</p>
Potential gains	<ul style="list-style-type: none"> • Learn about Lasers and their applications in the Defence field, Sensor development for different areas, Photonics, Radars and Quantum Technology. • Explore: the different instruments used in Radio Frequency Photonics laboratory, Radar system design, drone detection and classification, quantum cascade laser, Terahertz lasers and sensors at DIAT. • Gain access to the different departments - Department of Applied Physics, Department of Electronics and School of Quantum Technology • Discover different career opportunities at DIAT through interactions with department heads, PhD students, and experts
Special Highlights	<p>During this study tour, participants will visit Quantum Technology, Underwater Optical communication, free space optical communication labs.</p> <p>A certificate of participation will be provided to every participant at the end of the visit.</p>



For Whom	Students pursuing graduation and post-graduation with specialization in Physics, Electronics, Instrumentation and related areas can apply.
When	Tuesday, 12 December 2023 Time: 9.00 am to 6.00 pm
Where	Defence Institute of Advanced Technology, (Deemed University) Girinagar, Near Khadakwasla Dam, Pune 411025
To Register	<p>Registration Link: https://bit.ly/3MuveNL</p> <p>Or Scan QR code </p>
Fees	<p>Limited seats: 25 only</p> <p>Total fees for this visit (Inclusive of taxes): INR 1500/ per participant <i>(The fees will include travel from Pune University -DIAT- Pune University, lunch, and a registration kit)</i></p> <p>Steps to be followed for the payment:</p> <p>Step 1: Interested candidates can register using the form given below: https://bit.ly/3MuveNL (Last date to register – 1 Dec 2023)</p> <p>Step 2: After the screening of applications; eligible candidates will be informed about their selection by email.</p> <p>Step 3: Selected candidates need to confirm their seat by paying the registration fee</p> <p>For any query, Contact Us Email- capacitybuilding@pkc.org.in Contact: +91 78238 92474</p>
Terms & Conditions	<ul style="list-style-type: none"> • There are only 25 seats available. • The selection of candidates will be done based on the Statement of Purpose (SOP) submitted in the registration form. • The fees will include travel only from Pune University to DIAT and back to Pune University. • The outstation participants need to arrange their own travel to Pune University and back to their destination. • Fees once paid will NOT be refunded under any circumstances. • PKC reserves the right to accept, refuse or delay the registrations so as to optimize the composition of the group in order to maximize the learning experience of all participants.



Tentative Visit Schedule	
9.00 am to 9.15 am	Reporting Time at Pune University, SPPU campus, Pune
9.30 am	Departure Time
9.30 am to 10.30 am	Travel from Pune University to DIAT, Pune
11.00 am to 12.00 pm	Overview About DIAT - different departments, facilities, academic training programs, and career opportunities.
12.00 pm to 1.00 pm	Department Visit I
1.00 pm to 2.00 pm	Lunch
2.00 pm to 4.00 pm	Department Visit II:
4:00 pm to 5:00 pm	Networking with Ph.D. Students, HoDs of DIAT Departments
5.00 pm to 6.30 pm	Travel from DIAT to Pune University.

About the Organizer	
	<p>The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Adviser to the Government of India. It aims to bring together academia, R&D institutions, and the industry of Pune and its surrounding areas, to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources.</p> <p>PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA). In the initial phase, PKC would focus on Health, Sustainability and Environment, Sustainable Mobility, BIG Data, and AI and Capacity Building.</p> <p>For more information, visit: https://www.pkc.org.in/</p>