




Pune Knowledge Cluster
presents
LEAD: Learn | Explore | Access | Discover

Visit to Vasantdada Sugar Institute	
Organized by	Pune Knowledge Cluster (PKC)
In Collaboration with	Vasantdada Sugar Institute (VSI), 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 Vasantdada Sugar Institute(VSI)	Vasantdada Sugar Institute (VSI) formerly known as Deccan Sugar Institute was established in the year 1975. This premier Institute is also recognized as a ‘Centre for Research’ by the Department of Science and Technology (DST), Government of India. It has state-of-the-art research laboratories such as Alcohol technology, Molecular Biology, Genetic Engineering, Sugar Technology, Soil testing, Tissue Culture, Electronics & Computer Division, and Instrumentation division.
Potential gains	Participants will get an opportunity to: <ul style="list-style-type: none">• Learn about one of the largest tissue culture facilities in India• Explore the different state-of-the-art instruments and production facilities at VSI• Gain access to the different departments - alcohol technology, molecular biology, genetic engineering, sugar engineering, and soil science• Discover different career opportunities at VSI through interactions with department heads, Ph.D. students, and industry experts• Certificate of participation will be provided to every participant at the end of the visit.
For whom	Students pursuing Undergraduate/Post-graduate/Ph.D. degrees with a specialization in Molecular Biology, Microbiology, Biotechnology, Botany, and Environment Science areas



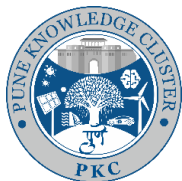
When	Wednesday, 19 July 2023 Time: 9.00 am to 6.00 pm
Where	Vasantdada Sugar Institute, Manjari Budruk, Pune, Pin Code – 412307
To Register	<p>https://forms.gle/3Tys2jrfB7VWqKhR6</p> <p>Or Scan QR Code: </p> <p>Last date for registration: Monday, 10 July 2023</p>
Fees	<p>Limited seats: 25 only</p> <p>Total fees for this visit (Inclusive of GST): INR 1500/ per participant</p> <p><i>(The fees will include travel from Pune Knowledge Cluster (PKC) office, 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://forms.gle/3Tys2jrfB7VWqKhR6</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</p> <p>Email- capacitybuilding@pkc.org.in</p> <p>Contact: +91 78238 92474</p>
Terms & Conditions	<ul style="list-style-type: none">• There are only 25 seats available for this visit.• The selection of a candidate will be done based on the Statement of Purpose (SOP) submitted in the registration form. PKC reserves the right to accept candidates based on PKC's selection process.• 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 Knowledge Cluster (PKC) office, SPPU campus, Pune
9.30 am	Departure Time
9.30 am to 10.30 am	Travel from Pune Knowledge Cluster(PKC) office to Vasantdada Sugar Institute (VSI)
11.00 am to 12.00 pm	Overview About Vasantdada Sugar Institute (VSI) - different departments, production facilities, academic training programs, and career opportunities.
12.00 pm to 1.00 pm	Department Visit I: Alcohol Technology Department – The participants will get an opportunity to view the state of art pilot winery, nano-brewery, and distillation facility; and know more about the different processes for ethanol and molasses production.
1.00 pm to 2.00 pm	Lunch
2.00 pm to 4.00 pm	Department Visit II: <ul style="list-style-type: none"> • Molecular Biology & Genetic Engineering Department: This is an accredited test laboratory for national certification of ‘tissue culture-raised plants’ by DBT, Govt. of India. The participants will get an overview of DNA marker technology, molecular breeding, and a transgenic approach for sugarcane improvement. • Tissue Culture Department: This is one of the largest tissue culture facilities in India. The participants will know more about the process of generating virus-free plantlets of sugarcane and banana, the micro-propagation technology for early maturing, and drought-tolerant varieties of sugarcane. • Sugar Engineering Department: The participants will get an opportunity to learn about different processes used in sugar engineering, and the latest technology and equipment used to produce improved quality sugars. • Soil Science Department: The participants will learn about the different types of soils, different processes of biochar production, soil nutrients management, and the development of innovative fertilizers using low-cost technology.
4:00 pm to 5:00 pm	Networking with Ph.D. Students, HoDs of VSI Departments
5.00 pm to 6.30 pm	Travel from Vasantdada Sugar Institute (VSI) to Pune Knowledge Cluster(PKC) office.



About the Organizer



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.

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.

For more information, visit: <https://www.pkc.org.in/>