

TECHNICAL WORKSHOPS SERIES – 2017

Tinkering Lab Activity Club Tinkering in a day!.. Core Instrument Training Program <i>- Organized by Tinkering Lab, Venture Center -</i>			
Potential gains	<ul style="list-style-type: none"> • Make-Learn-Explore the Tinkering Lab • Learn about prototyping related instruments and sharpen the operational skills. • Bring together a peer group of users with interest in developing prototypes and tinkering around. 		
Organized by	<ul style="list-style-type: none"> • Tinkering Lab, Venture Center 		
Supported by	<ul style="list-style-type: none"> • Venture Center 		
For whom	<ul style="list-style-type: none"> • Undergraduate / Post Graduate Students • Hobbyists / Professionals 		
When	Training dates currently open for registration: Saturday, 23 December 2017, Time: 0900 to 1300 Saturday, 27 January 2018, Time: 0900 to 1300 Saturday, 24 February 2018, Time: 0900 to 1300		
Where	Tinkering Lab, 900 NCL Innovation Park, Dr. Homi Bhabha Road, Venture Center, Pune		
Contact	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> Ms. Lipika Biswas Phone: 91-20-25865877 eventsdesk@venturecenter.co.in </td> <td style="width: 50%; vertical-align: top;"> Technical queries: Ms. Sayali Kothmire 9172232214 sayali@web.venturecenter.co.in </td> </tr> </table>	Ms. Lipika Biswas Phone: 91-20-25865877 eventsdesk@venturecenter.co.in	Technical queries: Ms. Sayali Kothmire 9172232214 sayali@web.venturecenter.co.in
Ms. Lipika Biswas Phone: 91-20-25865877 eventsdesk@venturecenter.co.in	Technical queries: Ms. Sayali Kothmire 9172232214 sayali@web.venturecenter.co.in		
Cost	Cost: Rs 500 /- (Will be adjusted against the Tinkering Lab membership, applicable for participants who opt for Tinkering Lab membership) Register at: http://bit.ly/2uMrcpk Seats limited to 20 Note:- <ul style="list-style-type: none"> • Attendance only after confirmation of registration by organizers. • Organizers reserve the right to accept or refuse or delay registrations so to optimize the composition of the group and hence maximize learning for all participants. • Fees paid is not refundable and non transferable under any circumstances. 		

Introduction

Tinkerer is “**one who enjoys experimenting and trying out different ideas**”. However, this activity needs to be **focused** and should have **purpose, so as to ensure success in generating new ideas and developing solutions**. And through the process of exploration and invention lies the potential for **innovation**. For this to happen, one should know the operations of all the machines/instruments related to prototyping, hence this session...

Workshop includes

- Workshop includes tea/coffee break
- Membership in mailing list of all participants.
- Demonstrations of handling and operating of equipments in Tinkering Lab
- Tour of the Tinkering Lab and other labs and facilities at Venture Center
- Participation Certificate

Workshop does not provide

- No ranking or scoring shall be provided. Idea is to encourage analytical and operating skills for using prototyping equipments.
- Lunch is not planned under this workshop

Schedule

Time	Session title	Coordinators
0900-0930	Registration : 900 Foyer Area	
0930-0945	Welcome to Venture Center Introduction to the Tinkering Lab and the workshop	T lab Team
0945-1030	Demonstration of Prototyping Instruments a) 3D scanner b) 3D Printer c) Laser cutter d) PCB fabricator	T lab Team
1030-1130	Demonstration of Optics e) Introduction to Spectroscopy set up f) Absorbance measurement g) Reflectance measurement	T lab Team
1130-1145	Tea/Coffee Break	
1145-1245	Demonstration of Electronics h) Oscilloscopes i) Function generators j) Power supply, Soldering etc.	T lab Team
1245-1300	Q & A and distribution of participation certificates	

About the organizers

	<p>About Tinkering Lab</p> <p>The Tinkering Lab is a facility developed and managed by Venture Center, NCL Innovation Park, Pune, India. The main aim of the Tinkering Lab is to help inventors and entrepreneurs to build prototypes of their ideas and generally “tinker” around exploring new ideas. The focus is on electronics, instrumentation and optics besides related prototyping and design.</p> <p>For more information about Tinkering Lab: http://tinkeringlab.co.in/</p>
	<p>About Venture Center</p> <p>Entrepreneurship Development Center (Venture Center) – a CSIR initiative – is a Section 60 company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator supported by the Department of Science & Technology’s National Science & Technology Entrepreneurship Development Board (DST-NSTEDB). Venture Center focuses on technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering.</p> <p>For more information, visit http://www.venturecenter.co.in/</p>