

## PKC and Center for Science Education and Communication (CSEC)

*Present*

### Hands-on STEM Teacher Training Workshop

<b>Organized By</b>	Pune Knowledge Cluster (PKC) in collaboration with the Center for Science Education and Communication (CSEC), Savitribai Phule Pune University (SPPU)
<b>Date</b>	Start Date: 20 <sup>th</sup> April 2022 End Date: 21 <sup>st</sup> April 2022
<b>Location</b>	This is a hands-on training workshop and it will be conducted at the Center for Science Education and Communication (Formerly: Science Park), SPPU, Pune
<b>Course Duration</b>	2 Days
<b>Course Description</b>	This workshop will majorly focus on hands-on training and conceptual understanding of the difficult topics from the syllabus.
<b>For whom</b>	<ul style="list-style-type: none"><li>• Teachers teaching 6<sup>th</sup> to 9<sup>th</sup> grades</li></ul>
<b>Potential Gains</b>	<ul style="list-style-type: none"><li>• Train teachers to use hands-on science toys in regular teaching for making the teaching-learning process effective and at the same time enjoyable.</li><li>• Train teachers to use the latest STEM-based pedagogical techniques/digital pedagogy and use technology to teach effectively. These teachers will then become facilitators who provoke learners to think and scaffold the learning process, also train them to teach climate change and sustainability</li><li>• Develop project-based learning to impart skills relevant to Indian contexts.</li><li>• To enhance the use of science activities in all areas of STEM such as physical and chemical sciences, environmental science, mathematics and computer science, and life sciences.</li></ul>

<b>Number of Seats</b>	30
<b>Trainers</b>	<ul style="list-style-type: none"> <li>• Prof. D. G. Kanhere</li> <li>• Prof. Kiran Adhi</li> <li>• Dr. Harshada Babrekar</li> <li>• Ms. Jasmin Duggal</li> </ul>
<b>Registration Fees</b>	The registration is free and open to all. However, it will be on first-cum-first serve basis.
<b>Course Enrolment Details</b>	<p>Step 1: Interested candidates can register on this link: <a href="https://forms.gle/qXFmmeTaQx3pnte48">https://forms.gle/qXFmmeTaQx3pnte48</a></p> <p>Step 2: Post eligibility screening by PKC and CSEC, eligible candidates will be informed of their selection by email</p> <p><i>Note: PKC reserves the right to select/reject candidates based on criteria.</i></p>
<b>PKC Contact information</b>	<a href="mailto:capacitybuilding@pkc.org.in">capacitybuilding@pkc.org.in</a>

## Course Agenda

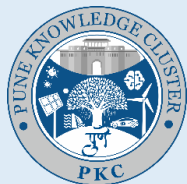
### Day 1:

Session	1		Lunch	2	
<b>Day</b>	<b>10.00 AM</b>	<b>10.30 AM - 1.30 PM</b>		<b>2.00 PM-3.30 PM</b>	<b>3.30 PM-5.00 PM</b>
<b>1</b>	Inaugural remarks	Batch 1 & Batch 2	<b>1.30 PM - 2.00 PM</b>	Visit to museums – Batch 1, Batch 2	

### Day 2:

Session	1	Lunch	2	3	
<b>Day</b>	<b>10.00 AM - 1.30 PM</b>		<b>2.00 PM- 4.00 PM</b>	<b>4.00 PM-5.00 PM</b>	<b>5.00 PM -5.30 PM</b>
<b>2</b>	Batch 1 & Batch 2	<b>1.30 PM 2.00 PM</b>	Batch 1 & Batch 2	Final discussion & post-test	Closing remarks

### About the organizers



**The Pune Knowledge Cluster (PKC)** has been established by the Office of the Principal Scientific Adviser to the Government of India. The aim is 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. Furthermore, PKC aims to foster capacity building and promote skills development and entrepreneurship among the students and professionals of the city. All relevant organizations and experts will be partners and consulted to identify sustainable solutions to the problems of the city and improve its liveability and prosperity.

While the PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), it is a project of and for the whole city. In the initial phase, PKC would focus on air, water, health, and sustainable mobility.

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

### Partner organization



**Center for Science and Communication** (formerly known as Science Park) is an outreach activity established by Savitribai Phule Pune University (SPPU) in mid-September 2014.

At present, CSEC is located at the Department of Environmental Science. The park houses more than 500 kits, interactive exhibits, demonstration experiments, and innovative do-it-yourself laboratories in all branches of science. The park is conceived so that young minds can explore ideas, put them in action and learn principles of science by experimentation.

For more information, visit: <http://sciencepark.unipune.ac.in/>