



VIGYAN PRATIBHA TEACHERS WORKSHOP
03/11/2025 to 06/11/2025
HBCSE, MUMBAI



Day	Date	Time	GROUP A (101 - Integrated Lab, Main Building)	GROUP B (119 - Maths Lab, Main Building)	GROUP C (G1, Olympiad Facility)	Venue
M O N D A Y	3 rd Nov 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		8:30 - 9:30	Registration			Outside Auditorium
		9:30 - 10:30	Re-introduction to Vigyan Pratibha and Workshop			Auditorium
		10:30 - 10:45	Tea break			Main Building
		10:45 - 12:15	Learning Unit 1: Part 1			
			<i>Shades from Shapes (DC/SM)</i>	<i>Irrational Numbers (AK)</i>	<i>Exploring the Square Grid through Rectangles (NG)</i>	
		12:15 - 1:15	Lunch			NIUS TV room
		1:15 - 2:45	Learning Unit 1: Part 2			
			<i>Shades from Shapes (DC/SM)</i>	<i>Irrational Numbers (AK)</i>	<i>Exploring the Square Grid through Rectangles (NG)</i>	
		2:45 - 3:00	Tea break			NIUS Canteen
		3:00 - 4:15	Talk - <i>The Art of Learning to Notice</i> - Dr Shweta Naik			G4 NIUS
		4:15 - 4:30	Teaching Learning Labs (TLL) Briefing - AG			G4 NIUS
		4:30 - 5:15	Teacher Submission Form (Voluntary)			G4 NIUS

T U E S D A Y	4 th Nov 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		9:00 - 9:30	Teaching Learning Labs (TLL) Briefing			
		9:30 - 10:30	Teaching Learning Labs (TLL)			
		10:30 - 10:45	Tea break			MB+OF+NIUS
		10:45 - 12:00	Teaching Learning Labs (TLL)			
		12:00 - 1:00	Teaching Learning Labs (TLL) Discussion			
		1:00 - 2:00	Lunch			NIUS TV room
		2:00 - 3:45	Basic Skills 1. Chemical Microscopy - Integrated Lab, MB 2. Paper folding - Maths Lab, MB 3. Stellarium - 203, MB			
		3:45 - 4:00	Tea break			MB

		4:00 - 5:30	V. G. Kulkarni Memorial Lecture : "Science in Art & Art in Science - An Astronomer's Perspective" - Prof. Ajit Kembhavi (IUCAA)		Auditorium
		6:30 - 8:00	Sky watching session		NIUS Terrace

W E D N E S D A Y	5 th Nov 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		9:00 - 10:30	Learning Unit 2: Part 1			
			<i>Learning from Bridges (AM)</i>	<i>Fractals (SN)</i>	<i>Precise and Accurate Measurements (DC)</i>	
		10:30 - 10:45	Tea Break			MB+OF
		10:45 - 12:30	Learning Unit 2: Part 2			
			<i>Learning from Bridges (AM)</i>	<i>Fractals (SN)</i>	<i>Precise and Accurate Measurements (DC)</i>	
		12:30 - 1:30	Lunch			NIUS TV room
		1:30 - 3:15	Teachers sharing school science circle experiences			G4 NIUS
		3:15 - 3:30	Tea Break			NIUS Canteen
		3:30 - 4:30	Session - <i>Our Science & Mathematics Education Initiatives and Legacy</i> - Mr Vijay D. Lale			G4 NIUS

T H U R S D A Y	6 th Nov 2025	7:30 - 8:30	Breakfast			NIUS Canteen
		8:30 - 10:00	Learning Unit 3: Part 1			
			<i>Motion and Graphs (MM)</i>	<i>Mathematical Neighbours (AK)</i>	<i>How X got its Chemical Identity? (AG)</i>	
		10:00 - 10:15	Tea Break			MB+OF
		10:15 - 11:30	Learning Unit 3: Part 2			
			<i>Motion and Graphs (MM)</i>	<i>Mathematical Neighbours (AK)</i>	<i>How X got its Chemical Identity? (AG)</i>	
		11:30 - 12:30	Summarization of sessions			G4 NIUS
		12:30 - 1:15	Lunch			NIUS TV room
		1:15 - 5:30	Exposure Visit - Bhabha Atomic Research Centre (BARC), Trombay			

LUs:

Group	LU #	LU	Facilitator	Co-Facilitator	Venue
A	1	Shades from Shapes	Deepa/Somesh	Somesh	Integrated Lab
	2	Bridges	Adithi/ Ankush/ Nilkantha	Sushil	Integrated Lab
	3	Motion and Graphs	Mukul	Sushil	Integrated Lab
B	1	Irrational Numbers	Aaloka	Prasad	Maths Lab
	2	Fractals	Shweta	Somesh	Maths Lab
	3	Mathematical Neighbours	Aaloka	Somesh	Maths Lab
C	2	Precise and accurate measurements	Deepa	Nilkantha	G1 OF
	1	Sq grid	Nilkanath	Navaneetha	G1 OF
	3	X	Ankush	Prasad	G1 OF

BASIC SKILLS

Group	Basic Skill	Facilitator	Co-facilitator	Venue
1	Chemical Microscopy	Chitra/Ankush	Somesh	Integrated Lab, MB
2	Paper Folding	Navaneetha/Sushil	Sushil	Math Lab, MB
3	Stellarium	Mukul	Pritesh	G4 Olympiad

TLLs

GROUP	LU	Facilitator	Co-facilitator	Discussant	Venue
1	Measuring Volumes	Teacher (Praveen)	Pratik	Mashood	Integrated Lab MB
2	Solutions	Krishnendu	Somesh	Deepa/Chitra Joshi	G1 OB
3	Patterns in Square Numbers	Navaneetha	Prasad	Aaloka	G1 MB
4	Counting Areas	Pooja	Neha	Arindam, Ankush	Maths Lab MB
5	Sink and Float	Nilkantha	Sushil	Mukul	Physics Lab 201 NIUS
6	Moon	Teacher (Avinash Chahar)	Durgesh	Pritesh	G4 NIUS