



VIGYAN PRATIBHA TEACHERS WORKSHOP
22/07/2025 to 26/07/2025
HBCSE, MUMBAI



Day	Date	Time	GROUP 1 (Integrated Lab, MB)	GROUP 2 (Maths Lab, MB)	GROUP 3 (G1, Olympiad)	Venue
T U E S D A Y	22 nd July 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		8:30 - 9:30	Registration			Auditorium
		9:30 - 11:00	Introduction to Vigyan Pratibha Project and Orientation of Teachers			Auditorium
		11:00 - 11:15	Tea break			Main Building
		11:15 - 1:00	Learning Unit 1: Part 1			
			Measuring Volumes (PP)	Counting Areas (PL)	'Music' : What it means? (AS)	
		1:00 - 2:00	Lunch			NIUS TV room
		2:00 - 3:15	Learning Unit 1: Part 2			
			Measuring Volumes (PP)	Counting Areas (PL)	'Music' : What it means? (AS)	
		3:15 - 3:30	Tea break			NIUS Canteen
		3:30 - 5:00	Teacher discussion (IDS, NMR - AP, AG - SR) & Talk - Thinking about biases in STEM learning spaces (DC)			LU Rooms & G4 NIUS
W E D N E S D A Y	23 rd July 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		9:00 - 10:30	Learning Unit 2: Part 1			
			The Accidental Discovery (ZM)	Counting Coins, Bees and Dominoes (NG)	Components of Wood-ash (CJ) [205 Chemistry Lab]	
		10:30 - 10:45	Tea break			
		10:45 - 12:15	Learning Unit 3: Part 1			
			No soil, no us; Know soil, know us (AG/VCS)	Patterns in Square Numbers (AK)	Will it Sink or Float (MKK)	
		12:15 - 1:15	Lunch			NIUS TV room
		1:15 - 3:15	Basic skills			
			Microscopy (VDL, SM, PJ) [Integrated Lab] Electrical circuits (VCS, SR) [Math Lab] Types of Projections in 2D Drawing (PD, AK) [G1 MB]			
		3:15 - 3:30	Tea break			
		3:30 - 5:00	Talk - Pedagogical Content Knowledge - Dr Shweta Naik			Auditorium

T H U R S D A Y	24 th July 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		9:00 - 10:15	Learning Unit 2: Part 2			
			<i>The Accidental Discovery (ZM)</i>	<i>Counting Coins, Bees and Dominoes (NG)</i>	<i>Components of Wood-ash (CJ) [205 Chemistry Lab]</i>	
		10:15 - 10:30	Tea Break			
		10:30 - 12:00	Talk - An Introduction to Dye Chemistry - Prof. Padma Vankar			Auditorium
		12:00 - 12:45	Lunch			NIUS TV room
		12:45 - 5:30	Exposure visit - Nehru Science Center (NMR, NG, SR, SM, PD)			
F R I D A Y	25 th July 2025	8:00 - 9:00	Breakfast			NIUS Canteen
		9:00 - 10:30	Learning Unit 3: Part 2			
			<i>No soil, no us; Know soil, know us (AG)</i>	<i>Patterns in Square Numbers (AK)</i>	<i>Will it Sink or Float (MKK)</i>	
		10:30 - 10:45	Tea Break			
		10:45 - 12:15	Learning Unit 4: Part 1			
			<i>Moon and its shape (MM)</i>	<i>Finding the right path (NMR)</i>	<i>Measuring Volumes (DC)</i>	
		12:15 - 1:15	Lunch			NIUS TV room
		1:15 - 2:45	Learning Unit 5: Part 1			
			<i>Bringing Back Shine to Copper (Teacher, SN, CJ)</i>	<i>Euclid's game (Teacher, AK, NMR)</i>	<i>Can you map? (Teacher, AG, SR) [G1, MB]</i>	
		2:45 - 3:00	Tea break			
		3:00 - 4:00	Talk - Pedagogical Content Knowledge in VP - Dr. Aaloka Kanhere			Auditorium
		4:00 - 5:00	Getting to know the Vigyan Pratibha website (DC/NG)			Auditorium
S A T U R D A Y	26 th July 2025	7:30 - 8:30	Breakfast			NIUS Canteen
		8:30 - 10:00	Learning Unit 4: Part 2			
			<i>Moon and its shape (MM)</i>	<i>Finding the right path (NMR)</i>	<i>Measuring Volumes (DC)</i>	
		10:00 - 10:15	Tea break			
		10:15 - 11:45	Learning Unit 5: Part 2			
			<i>Bringing Back Shine to Copper (Teacher, SN, CJ)</i>	<i>Euclid's game (Teacher, AK, NMR)</i>	<i>Can you map? (Teacher, AG, SR) [G1, MB]</i>	
		12:00 - 1:30	Talk - Bilateral symmetry in vertebrate species - Dr. Sundar Ram Naganathan			Auditorium
		1:30 - 2:15	Lunch			NIUS TV room
		2:15 - 3:45	Discussion with teachers and teachers feedback			Auditorium
		3:45 - 4:30	Closing			Auditorium
		4:30 - 5:00	High tea			NIUS TV room

Resource persons:

AK - Aaloka Kanhere

AP - AmisH Parmar

AS - Aniket Sule

AG - Ankush Gupta

CJ - Chitra Joshi

DC - Deepa Chari

IDS - Indrani Das Sen

MM - Mukul Mhaskey

NMR - Navaneetha M R

NG - Nilkanth Gholap

PL - Pooja Lokhande

PD - Prasad Desai

PJ - Pratik Jadhav

PP - Praveen Pathak

SN - Sarita Naswa

SM - Somesh Meena

SR - Sushil Rakhte

VDL - Vijay Lale

VCS - Vinod Sonawane

ZM - Zeenath Mustafa