

## SCHEDULE FOR VIGYAN PRATIBHA TEACHERS WORKSHOP (HBCSE)

Day	Date	Time	GROUP 1	GROUP 2	GROUP 3	GROUP 4	Venue
			Maths Lab (MB)	G2 (MB)	Integrated Lab (MB)	G1 (OB)	
Monday	5th December 2022	8:00 - 9:30	Registration				NIUS Building
		9:30-10:30	Re- Introduction to Vigyan Pratibha and Workshop				G4- NIUS
		10:30- 10:45	Tea Break				NIUS Canteen
		10:45- 12:15	Learning Unit 1- Part 1				
			Running and Graphing	"Music": What it means?	Biodiversity and Classification	Shades from Shapes	
		12:15- 1:15	Lunch				NIUS Canteen
		1:15-2:45	Learning Unit 1- Part 2				
			Running and Graphing	"Music": What it means?	Biodiversity and Classification	Shades from Shapes	
		2:45-3:00	Tea Break				
		3:00- 4:30	Learning Unit 2- Part 1				
Rediscover , describe and draw birds	Moon and its shape		Components of wood ash	Exploring Dot grid through rectangles			
6:30-8:00	Night Sky watching session				NIUS Terrace		
Tuesday	6th December 2022	9:30-11:00	Learning Unit 2- Part 2				
			Rediscover , describe and draw birds	Moon and its shape	Components of wood ash	Exploring Dot grid through rectangles	
		11:00- 11:15	Tea Break				
		11:15-12:45	Learning Unit 3- Part 1				
			Counting area	Irrational numbers	Is your polygon same as mine?	Soil	
		12:45-1:45	Lunch				NIUS Canteen
		1:45- 2:45	Pedagogy Discussion and TLL orientation				G4-NIUS
2:45- 3:00	Tea Break				NIUS Canteen		

		3:00- 5:00	Sharing of School Science Circle experiences			G1/G2 MB	
		6:30 – 8:00	Movie Screening			G4-NIUS	
Wednesday	7th December 2022	9:30- 11:00	Teaching Learning Lab (TLL)				
		11:00-11:15	Tea Break				
		11:15 - 12:45	Teaching Learning Lab (TLL)				
		12:45 - 1:45	Lunch			NIUS Canteen	
		1:45 - 3:15	Learning Unit 3- Part 2				
			Counting area	Irrational numbers	Is your polygon same as mine?	Soil	
		3:15 - 3:30	Tea Break				
		3:30 - 4:30	Basic skills session- Part 1				
Electrical Circuits (Maths Lab) (MB)	Microscopy (Integrated lab) (MB)		Geogebra (Computer Lab) (NIUS Building)				
Thursday	8th December 2022	7:30 - 8:30	Basic skills session- Part 2				
			Electrical Circuits (Maths Lab) (MB)	Microscopy (Integrated lab) (MB)	Geogebra (Computer Lab) (NIUS Building)		
		8:30 - 9:30	Breakfast			NIUS Canteen	
		9:30 -10:30	Plenary Talk- The Periodic Tables of the Universe by Arnab Bhattacharya			G4 NIUS	
		10:30 -10:45	Tea Break			NIUS Canteen	
		10:45 - 11:45	Discussion with teachers and teacher's feedback			G4 NIUS	
		11:45 - 12:15	Closing			G4 NIUS	
		12:15 - 1:00	Lunch			NIUS Canteen	
		1:00 - 4:30	Exposure Visit			TIFR	

### Learning units for Teaching Learning Lab

Group	Group 1	Group 2	Group 3	Group 4	Group 5
Venue	Integrated lab	G2 Main Building	G1 Olympiad	Maths Lab (MB)	G1 Main Building
Learning unit	Bringing back shine to copper	Patterns in square numbers	Pin- hole camera	An experiment on measuring volume	Understanding Adolescence

MB- Main Building

OB- Olympiad Building