

Day and Date	09:30 - 10:45	11:30 - 12:45	14:15 - 15:30	16:15 - 17:30	18:00 - 19:30
Sunday, December 20	Welcome and Introduction to NIUS	RS	AK	AVG	Introduction of Students
Monday, December 21, 2020	DO	BB	AK	SM	RS
Tuesday, December 22, 2020	RS	MM	DK	DC	AT
Wednesday, December 23, 2020	AM	JR	DK	PP	SR (Special Lecture)
Thursday, December 24, 2020	AM	RP	AD	RBK	AK
Friday, December 25, 2020	FREE DAY				
Saturday, December 26, 2020	AM	DB	AD	VP	GL
Sunday, December 27, 2020	PKP	DB	GM	MD	Cultural Evening
Monday, December 28, 2020	PKP	DVL	RBK	ADG	JC (Special Lecture)
Tuesday, December 29, 2020	PKP	VS	ST	SGP	AM
Wednesday, December 30, 2020	SRP	GRK	ST	SGP	Cultural Evening
Thursday, December 31, 2020	VS	KS	EVS + VDS	HR	FREE SESSION
Friday, January 1, 2021	BP	KB	MKK	Project Discussion Session 1 (Expt)	Project Discussion Session 2
Saturday, January 2, 2021	PRC	PK	MG	Project Discussion Session 3	Project Discussion Session 4
Sunday, January 3, 2021	Selection Test 1 (Astro)	Selection Test 2 (Theory)	Selection Test 3 (Expt)	Selection Test 4 (PER)	Feedback and Closing Session

Initials	Speaker	Affiliation	Email	Title	Selection Test Area
AD	Amol Dighe	TIFR, Mumbai	amol@theory.tifr.res.in	Introduction to the World of Elementary Particles	Theory
ADG	Ananda Das Gupta	IISER, Kolkata	adg@iiserkol.ac.in	Symmetry Methods in Physics	Theory
AK	Arvind Kumar	HBCSE, Mumbai	arvind.kumar1943@gmail.com	Introduction to Quantum Mechanics	Theory
AM	Anwesh Mazumdar	HBCSE, Mumbai	anwesh@hbcse.tifr.res.in	Stellar Structure, Evolution and Seismology	Astro
AT	A. Thamizhavel	TIFR, Mumbai	thamizh@tifr.res.in	Crystal Growth and Anisotropic Studies of Intermetallic Systems	Expt
AVG	Achanta Venugopal	TIFR, Mumbai	achanta@tifr.res.in	Metamaterials for Quantum Information Processing	Expt
BB	Bhaswati Bhattacharya	NCRA, Pune	bhaswati@ncra.tifr.res.in	Pulsars and Fast Transients-I	Astro
BP	Brijesh Prithvi	UM DAE CEBS, Mumbai	brijesh.prithvi@cbs.ac.in	Plasma Physics	Expt
DB	Dipankar Banerjee	ARIES, Nainital	dipu@aries.res.in	Introduction to some aspects of Solar Astrophysics	Astro
DC	Deepa Chari	HBCSE, Mumbai	deepa@hbcse.tifr.res.in	Physics and Underrepresentation -- Our Social Responsibilities as Physicists	PER
DK	Debjani Karmakar	BARC, Mumbai	karmakar.debjani@gmail.com	Emergent Phenomena in 2D materials	Expt
DO	Divya Oberoi	NCRA, Pune	div@ncra.tifr.res.in	Introduction to Radio Astronomy and Radio Interferometry	Astro
DVL	Dharam Vir Lal	NCRA, Pune	dharam@ncra.tifr.res.in	Extragalactic Astronomy-I	Astro
EVS	E.V. Sampathkumaran	HBCSE, Mumbai	sampathev@gmail.com	Magnetism of Metals and Oxides - I	Expt

Initials	Speaker	Affiliation	Email	Title	Selection Test Area
GL	Govinda Lakhotiya	BCS, Wardha	lakhotiya.govinda@gmail.com	Plenty of Space at the Bottom	Expt
GM	Gobinda Majumder	TIFR, Mumbai	gobinda@tifr.res.in	Experimental High Energy Physics	Expt
GRK	G. Ravindra Kumar	TIFR, Mumbai	grk@tifr.res.in	Extreme Light	Expt
HR	Harshavardhan Reddy	GMRT, Khodad	reddysh@gmrt.ncra.tifr.res.in	Signal Processing in Radio Astronomy Instrumentation and Challenges	Astro
JC	Jayaram Chengalur	NCRA, Pune	chengalu@ncra.tifr.res.in	Govind Swarup and the Development of Radio Astronomy in India	Special
JR	Jayanta Ray	NCRA, Pune	jroy@ncra.tifr.res.in	Pulsars and Fast Transients-II	Astro
KB	Kaushal Buch	GMRT, Khodad	kdbuch@gmrt.ncra.tifr.res.in	The Expanded GMRT: Future Signal Processing Challenges	Astro
KS	Kris Srinivasan	Formerly at SINP, Kolkata	krisriniva@gmail.com	Polarization in Optics	Expt
MD	Mandar Deshmukh	TIFR, Mumbai	deshmukh@tifr.res.in	2Dimensional Electronics	Expt
MG	Manoranjan Guchait	TIFR, Mumbai	guchait@tifr.res.in	Current challenges in Particle Physics	Theory
MKK	Mashood K. K.	HBCSE, Mumbai	mashood@hbcse.tifr.res.in	Alternate Conceptions to Mathematical Modelling - Exploring PER Threads	PER
MM	Mekhala Muley	GMRT, Khodad	mekhala@gmrt.ncra.tifr.res.in	GMRT Overview	Astro
PK	Preeti Kharb	NCRA, Pune	kharb@ncra.tifr.res.in	Extragalactic Astronomy-II	Astro
PKP	Prasanta Panigrahi	IISER, Kolkata	panigrahi.iiser@gmail.com	Quantum Computing	Theory

Initials	Speaker	Affiliation	Email	Title	Selection Test Area
PP	Praveen P. Pathak	HBCSE, Mumbai	praveen@hbcse.tifr.res.in	Experiments Using a Smartphone	Expt
PRC	Pratap Raychaudhuri	TIFR, Mumbai	pratap@tifr.res.in	Superconductivity	Expt
RBK	Rajesh B. Khaparde	HBCSE, Mumbai	rajesh@hbcse.tifr.res.in	Experimental Problem Solving	Expt
RP	Rudrajyoti Palit	TIFR Mumbai	palit@tifr.res.in	Rare Electromagnetic Decays of Nuclei	Expt
RS	Rajdeep Sensarma	TIFR, Mumbai	sensarma@theory.tifr.res.in	Superconductivity: Phase Transitions and Broken Symmetry	Theory
SGP	Shriganesh Prabhu	TIFR, Mumbai	prabhu@tifr.res.in	Experimental Research	Expt
SM	Sushil Mujumdar	TIFR, Mumbai	mujumdar@tifr.res.in	Quantum light in nanostructures	Expt
SR	S. Ramakrishnan	TIFR, Mumbai	ramky@tifr.res.in	Achieving Ultra-low Temperatures and Physics at those Temperatures	Special
SRP	Shirish Pathare	HBCSE, Mumbai	shirish@hbcse.tifr.res.in	Expt. PER in Thermo	PER
ST	Shriharsh Tendulkar	TIFR, Mumbai	shriharsh.tendulkar@tifr.res.in	Fast Radio Bursts	Astro
VDS	Vasudeva Siruguri	UGC-DAE-CSR, Mumbai	vsiruguri@gmail.com	Magnetism of Metals and Oxides - II	Expt
VP	Vaibhav Prabhudesai	TIFR, Mumbai	vaibhav@tifr.res.in	Atomic and Molecular Physics	Expt
VS	Vijay A. Singh	UM-DAE CBS, Mumbai	physicssutra@gmail.com	Introduction to the Physics of Nanostructures	Theory