



## Focused Intensive Physics Camp for BSc Students 11 – 22 June, 2018

Center for Excellence in Science & Mathematics Education, PMMMNMTT, IIT Guwahati  
All morning sessions are in CET E-class room. Post Lunch sessions are in different Labs of department of physics.



	8.30-9.00	9.00-9.30	9.30-10.00	10.00-10.30	10.30-11.15	11.15-12.00	12.00-1.25	1.30-2:30	2.30-4.45
June 11	Registration	Inauguration	High TEA	Introduction with Participants	Video Quiz	Discussion on Video Quiz	Quantum Optics	Lunch	PMMMNMTT Lab

	9.00-10.25	10.30-11.55	12.00-1.25	1.25-2:30	2.30-4.45	8:30-9:30
June 12	Electrodynamics	Basics of Quantum Mechanics	Optics	LUNCH BREAK	PMMMNMTT Lab	
June 13	Electrodynamics	Basics of Quantum Mechanics	Optics		UG Lab Experiments	
June 14	Electrodynamics	Basics of Quantum Mechanics	Optics		UG Lab Experiments	Discussion Session
June 15	Electrodynamics	Basics of Quantum Mechanics	Optics		UG Lab Experiments	
June 16	Electrodynamics	Basics of Quantum Mechanics	Communication System		UG Lab Experiments	
June 17	Electrodynamics	Basics of Quantum Mechanics	Communication System		Condensed Matter Lab	Discussion Session
June 18	Nanotechnology	Lagarangian/Hamiltonian description of mechanics	Fiber Optics		Condensed Matter Lab	
June 19	Lagarangian/Hamiltonian description of mechanics	STR	Fiber Optics		Optics Lab (2.30-4.45)	Motivational Lecture (5.00-6.00)
June 20	Lagarangian/Hamiltonian description of mechanics	Gravitational Wave	Fiber Optics		Optics Lab	Discussion Session
June 21	Lagarangian/Hamiltonian description of mechanics	Electronics	Plasmonics		CIF (Demonstration and experiment)	
June 22	Lagarangian/Hamiltonian description of mechanics	Electronics	Physics Quiz		Computation Material Science (2.30-3.45)	Feedback & Valedictory Session

ED:6; Optics:4; CM:5; QM:6; Electronics:2; CS:2; FO:3;