



Time Table
for
Focused Intensive Physics Camp for B. Sc Students
17 – 28 June, 2019

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	9:30-9:45	9:45-10:00	10:00-10:45	10:45-11:55	12:00-1:25	1:30-2:30	2:30-4:45
June 17 (Mon)	Registration	Inauguration	High Tea	Introduction with Participants Prof Sunil Khijwania	Video Quiz & Discussion Prof Sunil Khijwania	Quantum Mechanics Prof S. Basu	Optics Prof B. Boruah	Lunch	PMMMNMTT Lab Mr Lokesh, Mr Aditya, Ms Minakshi

	9:00-10:25	10:30-11:55	12:00-1:25	1:25-2:30	2:30-4:45	5:00-6:30
June 18 (Tues)	Electrodynamics Prof Sunil Khijwania	Gravitational Wave Dr. Debaprasad Maity	Optics Prof Sunil Khijwania	LUNCH BREAK	PMMMNMTT Lab Mr Lokesh, Mr Aditya & team	
June 19 (Wed)	Electrodynamics Prof Sunil Khijwania	Quantum Mechanics Prof Saurabh Basu	Optics Prof Sunil Khijwania		UG Lab Experiments Coordinator: Prof. Poulse, Mr Lokesh, Mr Aditya & team	
June 20 (Thurs)	Electrodynamics Prof Sunil Khijwania	Quantum Mechanics Prof Saurabh Basu	Optics Prof Sunil Khijwania		UG Lab Experiments Coordinator: Prof. Poulse, Mr Lokesh, Mr Aditya & team	
June 21 (Fri)	Electrodynamics Prof Sunil Khijwania	Quantum Mechanics Prof Saurabh Basu	Optics Prof Sunil Khijwania		UG Lab Experiments Coordinator: Prof. Poulse, Mr Lokesh, Mr Aditya & team	
June 22 (Sat)	Electrodynamics Prof Sunil Khijwania	Electronics Prof A Srinivasan	Communication System Prof Sunil Khijwania		Condensed Matter Lab 1 & 2/ Fiber Optics/ Holography Lab Prof P. Agarwal/ Prof A Srinivasan/Prof Khijwania/Prof B Boruah + RS*	
June 23 (Sun)	Electrodynamics Prof Sunil Khijwania	Electronics Prof A Srinivasan	Communication System Prof Sunil Khijwania		Terahertz Plasmonics Dr Gagan Kumar Nightsky: The cheapest laboratory Prof Eshankur Saikia	
June 24 (Mon)	Quantum Optics Dr Tarak N Dey	Lagarangian/Hamiltonian description of mechanics Prof Charu Y Kadolkar	Fiber Optics Prof Sunil Khijwania		Condensed Matter Lab 1 & 2/ Fiber Optics/ Holography Lab Prof P. Agarwal/ Prof A Srinivasan/Prof Khijwania/Prof B Boruah + RS*	Discussion Session
June 25 (Tues)	Lagarangian/Hamiltonian description of mechanics Prof Charu Y Kadolkar	Nanotechnology Prof A Srinivasan	Fiber Optics Prof Sunil Khijwania		Condensed Matter Lab 1 & 2/ Fiber Optics/ Holography Lab Prof P. Agarwal/ Prof A Srinivasan/Prof Khijwania/Prof B Boruah + RS*	Motivational Lecture Prof Sunil Khijwania
June 26 (Wed)	Lagarangian/Hamiltonian description of mechanics Prof Charu Y Kadolkar	Quantum Mechanics Prof Saurabh Basu	Fiber Optics Prof Sunil Khijwania		Condensed Matter Lab 1 & 2/ Fiber Optics/ Holography Lab Prof P. Agarwal/ Prof A Srinivasan/Prof Khijwania/Prof R Boruah + RS*	Discussion Session
June 27 (Thurs)	Lagarangian/Hamiltonian description of mechanics Prof Charu Y Kadolkar	Quantum Mechanics Prof Saurabh Basu	Physics of Spin Bowling Prof Saurabh Basu		CIF (Demonstration and experiment) Mr Chandan Borgohain, Ms Dolly Gogoi, Ms Kula Kamal Senapati	
June 28 (Fri)	Lagarangian/Hamiltonian description of mechanics Prof Charu Y Kadolkar	Solar Cell Prof Pratima Agarwal	Physics Quiz		Computation Material Science (2.30-3.45) Prof Subhradip Ghosh	Feedback & Valedictory Session