



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