


**DEPARTMENT OF PHYSICS
(AUTONOMOUS)**

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भौतिकशास्त्र विभाग (स्वायत्त)

लोकमान्य टिळक भवन, विद्यानगरी, सांताक्रुझ (पूर्व), मुंबई - ४०० ०९८ (भारत).
दूरध्वनी : +९१-२२-२६५२ ६२५० / २६५४ ३३५८ / २६५३ ३०५१
फॅक्स : +९१-२२-२६५२ ९७८० / २६५३ ३०५१.

ACADEMIC CALENDAR 2019-20
Semester-1

Term beginning	13 August 2019
Ganeshotsav Vacation	02-07 September 2019
Diwali Vacation	25 October - 14 November 2019
End of term	13 December 2019
Examinations	16 December 2019 - 10 January 2020
Christmas Vacation	26 December 2019 - 01 January 2020

Semester-2

Term beginning	13 January 2020
End of term	18 April 2020
Examinations	20 April - 02 May; 08 June - 20 June 2020

Semester-3

Term beginning	06 August 2019
Ganeshotsav Vacation	02-07 September 2019
Diwali Vacation	25 October - 14 November 2019
End of term	07 December 2019
Examinations	09 December 2019 - 10 January 2020
Christmas Vacation	26 December 2019 - 01 January 2020

Semester-4

Term beginning	13 January 2020
End of term	18 April 2020
Examinations	20 April - 02 May; 08 June - 20 June 2020

U. B. Bole

Professor & Head
Department of Physics
University of Mumbai

Department of Physics (Autonomous), University of Mumbai

M.Sc. Course, Semester 1 (August 2019-December 2019),

Lecture Schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 to 10:30 am	Solid State Physics	Mathematical Physics	Classical Mechanics <i>09:00 to 10:00 am</i>	Quantum Mechanics-I	Quantum Mechanics-I	Extra lectures/ tutorials 9:00 am to 1:00 pm
10:35 am to 12:05 pm	Classical Mechanics	Classical Mechanics	Solid State Physics <i>10:05 to 11:05 am</i>	Solid State Physics	Mathematical Physics	
1:00 to 5:00 pm	Practical / Lab Tutorial	Practical / Lab Tutorial	Quantum Mechanics-I <i>11:15 am to 12:15 pm</i>			Practical / Repetition 1:30 to 5:00 pm
			Mathematical Physics <i>1:00 to 2:00 pm</i>	Practical / Lab Tutorial	Practical / Lab Tutorial	
			Seminar			
			<i>2:00 pm to 4:00 pm</i>			

(Venue for all lectures is PDSR: Physics Department Seminar Room)

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Note: Semester 1 will start from August 13, 2019

**Department of Physics (Autonomous), University of Mumbai
M.Sc. Course, Semester 3 (August 2019-December 2019),
Lecture Schedule**

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
09:00 to 10:00	Electrodynamics LC 18	Elective 1* LC 8, 12, 13,14, 18	Practical Complete Day with Lunch-Break	Experimental Physics/ Numerical Techniques LC18/PDSR	Project Complete Day with Lunch-Break	09:00 to 13:00 Tutorials/ Extra Lectures
10:30 to 12:00	Elective 2* LC 8, 12, 13,14, 18	Experimental Physics/ Numerical Techniques LC18/PDSR		Elective 2* LC 8, 12, 13,14, 18		
12:15 to 13:15	Experimental Physics/ Numerical Techniques LC18/PDSR	Elective 2* LC 8, 12, 13,14, 18	Seminar 15:00 to 16:30	Electrodynamics LC 18	13:30 to 17:30 Practical/ Project	
14:00 to 15:30	Elective 1* LC 8, 12, 13,14, 18	Electrodynamics LC 18		Elective 1* LC 8, 12, 13,14, 18 (1 hour lecture)		

(PDSR: Physics Department Seminar Room, LC: Lecture Complex

CBS: Centre of Excellence in Basic Sciences)

*Elective 1:

PSPHE01-Experimental Techniques in Nuclear Physics, PSPHE06 – Quantum Field Theory, PSPHE08 – Surfaces and Thin Films, PSPHE11 – Fundamentals of Materials Science, PSPHE15 – Polymer Physics, PSPHE19 - Signal Modulation and Transmission Techniques, PSPHE31 – VLSI Design and Embedded Systems

*Elective 2:

PSPHE03 – Nuclear Structure, PSPHE10 – Properties of Solids, PSPHE16 – Nanoscience and Nanotechnology, PSPHE18 – Applied Thermodynamics, PSPHE20 – Microwave Electronics, Radar and Optical Fibre Communication, PSPHE32 – VHDL, C++ and Python Programming

Note: Semester 3 will start from August 06, 2019

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