

Subject Board for Physics

Tata Institute of Fundamental Research
Homi Bhabha Road, Mumbai 400 005, INDIA

(In all e-mail addresses add @tifr.res.in unless otherwise mentioned)

To access any course material posted by the instructor please click on the link

Courses in (2010-2011)

Time-Table

Autumn 2010

Core Courses

Courses	Instructor(s)	e-mail
Quantum Mechanics I @	Kalobaran Maiti	kalo
Mathematical Methods @\$*	R. S. Bhalerao	bhalerao
Electrodynamics II \$\$*	G. Ravindra Kumar/R. Palit	grk/palit
Exp. Physics+Lab @\$	S. S. Prabhu	prabhu
Classical Mechanics @	Shiraz Minwalla	shiraz
Electronics @	Mandar Deshmukh	deshmukh
Atomic and Molecular Physics &	M. Krishna Murthy	mk

Astronomy and Astrophysics ^{&€}	D. Narasimha/D. Ojha	dna/ojha
Nuclear Physics ^{&}	Indranil Mazumdar	indra
Particle Physics ^{&}	Manoranjan Guchait/Sreerup Raychaudhuri	guchait/sreerup

Topical Courses

Courses	Instructor(s)	e-mail
Quantum Field Theory II	Gautam Mandal	mandal

Reading Courses

Courses	Instructor(s)	e-mail
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Spring 2011

[Timetable](#)

Core Courses

Courses	Instructor(s)	e-mail
Quantum Mechanics II@S*	Sunil Mukhi	mukhi@theory
Statistical Mechanics@	Mustansir Barma	barma@theory
Electrodynamics I@	Deepankar Misra	mdeepankar@gmail
Numerical Methods and Computing@	H.M. Antia	Antia
Solid State Physics@	Mandar Deshmukh	Deshmukh

Topical Courses

Courses	Instructor(s)	e-mail
Modern Optics	G. Ravindra Kumar/Achanta Venu Gopal	grk/achanta
Basic Concepts in Soft Matter Physics	Shobo Bhattacharya/Shankar Ghosh	shobo/sghosh
Quantum Optics	Sushil Mujumdar	mujumdar
Experimental High Energy Physics	Gagan Mohanty	gmohanty
Superconductivity	Pratap Raychaudhuri	pratap
Accelerators	Vandana Nanal	nanal
Experimental techniques in Condensed Matter Physics	Achanta Venu Gopal (coordinator)	achanta
Quantum Chromodynamics	Sourendu Gupta	sgupta@theory
Atomic Collision Physics	Lokesh Tribedi	lokesh

Reading Courses

Courses	Instructor(s)	e-mail
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@ Mandatory for 1st year students with B.Sc degree.

§ Mandatory for 1st year students joining with M.Sc degree.

& Mandatory for 2nd year students with B.Sc degree.

€ Mandatory for 2nd year students with M.Sc. degree joining Department of Astronomy & Astrophysics.

*Students joining with M.Sc. degree are encouraged to take [drop tests](#) for these courses. The drop test is held at the beginning of the semester. If you are interested in taking a drop test for any course kindly contact the Graduate Course Coordinator and the instructor.

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