

# 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 (2005-2006)

*Autumn 2005*

### Core Courses

Courses	Instructor(s)	e-mail
<a href="#">Statistical Physics*</a>	Mustansir Barma	barma
<a href="#">Mathematical Methods*</a>	Kajari Mazumdar	mazumdar
<a href="#">Electrodynamics*</a>	D. Narasimha	dna
<a href="#">Exp. Physics</a>	G. Ravindrakumar/I Mazumdar	grk/indra

### Topical Courses

Courses	Instructor(s)	e-mail
<a href="#">Field Theory</a>	Sunil Mukhi	mukhi
<a href="#">The Physics of Life*</a>	Sudipta Maiti & P. K. Madhu	maiti, madhu
<b>Topical Course on Condensed Matter</b>	P Raychaudhuri, S. S. Prabhu, S. Bhattacharya	pratap, prabhu, shobo

\* Originally offered for 1st year Chemistry students. Physics students can however also opt for this course as a regular Topical course.

### Reading Courses

Courses	Instructor(s)	e-mail
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## Topics in Theoretical Physics

Kedar Damle, Sourendu Gupta and Amol Dighe

kedar@theory.tifr.res.in  
sgupta@theory.tifr.res.in  
amol@gravity.theory.tifr.res.in

## Relativistic Gravity, Cosmology and the Physics of Space and Time

C. S. Unnikrishnan

unni

*Spring 2006*

### Core Courses

Courses	Instructor(s)	e-mail
Quantum Mechanics*	Kedar Damle	kedar
Astronomy and Astrophysics**	Pranab Ghosh and D. K. Ojha	
Classical Mechanics*	Probir Roy	probir

### Topical Courses

Courses	Instructor(s)	e-mail
<u>Advanced course on Quantum Field Theory</u>	Avinash Dhar	adhar@theory.tifr.res.in

\* For the recommended outline of the [core courses](#) please click here. The actual content of the course may vary depending on the instructor. For details regarding the course content for this particular year please see the material posted by the instructor.

\*\* First year Physics students can chose to take either Classical Mechanics or Astronomy and Astrophysics for credit (as minimum requirement). The classes however will not clash with each other and students will have an option of registering for both.

[\*SBP Home\*](#)

[\*TIFR Home\*](#)