

## भौतिकशास्त्र विभाग,

लोकमान्य टिळक भवन,

विद्यानगरी, सांताक्रुझ (पूर्व),

मुंबई - ४०० ०९८ (भारत).

दूरध्वनी : २६५४ ३३५८ (कार्यालय)

: २६५२ ८८३५ (विभागप्रमुख)

थेट दूरध्वनी क्रमांक : २६५२ ६२५०

फॅक्स : २६५२ ९७८०.

University of Mumbai



मुंबई विद्यापीठ

## DEPARTMENT OF PHYSICS

Lokmanya Tilak Bhavan,

Vidyanagari, Santacruz (E),

Mumbai - 400 098 (India).

Tel. No. : +91-22-2654 3358

Off. (Direct) : +91-22-2652 6250

H.O.D (Direct) : +91-22-2652 8835

Fax : +91-22-2652 9780

e-mail : @physics.mu.ac.in

website : <http://www.mu.ac.in>

15 June 2016

## Notice

### Atomic Physics Bridge Course

The University Department of Physics (Autonomous) is organising a bridge course in Atomic Physics conducted by Siddharth Kasthurirangan in the week of June 29 - July 02, 2016.

The course is designed for students who will be taking admission to M.Sc. II this year. The idea is to refresh/strengthen topics already taught upto BSc and MSc I and cover the gaps in the students' preparation for the AP course in the forthcoming year through interactive lectures/tutorial sessions emphasizing problem-solving.

A maximum of 75 students will be accepted in the programme. Prior registration is a must. Admission will be on first come first serve basis. The registration fee for the programme is Rs. 100. Fee waiver may be considered on case by case basis. Interested students can contact the UDP office and register themselves from June 20 2016 onward.

Bridge Course in Atomic Physics

Instructor: Siddharth KasthuriRangan

June 29 2016 – July 02 2016

Sessions: 1 0am – 1 pm ; 2 pm – 4 pm

Venue: Physics Department Seminar Room,

3<sup>rd</sup> Floor, Tilak Bhavan, Kalina Campus, Univ. Of Mumbai.

Prof. D C Kothari

In-charge HOD

Department of Physics

University of Mumbai



Dr. M R Press/Nitin Bijewar

Co-ordinators

POSTER ATTACHED.



# University of Mumbai

## DEPARTMENT OF PHYSICS

### Bridge Course in Atomic Physics

**Date:** June 29 to July 02, 2016

**Time:** 10.00 AM – 1.00 PM (lectures)

2.00 PM – 4.00 PM (tutorials)

**Venue:** Physics Department Seminar Room,  
3<sup>rd</sup> floor, Tilak Bhavan, Vidyanagari

**Course instructors:** Prof. A. A. Rangwala , Dr. M. R. Press,  
Mr. Siddharth Kasthurirangan

#### SCHEDULE

**June 29, 2016:** Preliminaries

**June 30, 2016:** The Hydrogen atom

**July 01, 2016:** Interactions with external fields

**July 02, 2016:** Modern atomic physics experiments

The bridge course in Atomic Physics is for students who will be taking admission to M. Sc. II this year (2016-17). The idea is to refresh/strengthen topics already taught upto B. Sc. and cover the gaps in the students' preparation for the forthcoming year, through interactive lectures/tutorial sessions emphasizing problem-solving.

A maximum of 80 students will be accepted in the programme. Prior registration is a must. Admission will be on first come first serve basis. The registration fee for the programme is Rs. 100/-. Fee waiver may be considered on case by case basis. Interested students can contact the University Department of Physics office and register themselves from June 20, 2016 onward.