



Department of Physics
Miranda House

Department at a Glance



The Physics Department was constituted in 1972. It started with a batch of 40 students who had enrolled for the B.Sc. Honours Physics course. The classes were held in the Department of Physics and Astrophysics, University of Delhi. The Department shifted to the College in December, 1988. Since then the department has grown in terms of academics, research and faculty strength. There are well equipped teaching laboratories, computer rooms and a Departmental Library. Miranda House is known for its innovation and quality of the projects carried out by the students. The college has set up a special Projects Laboratory and a Multidisciplinary Computer-based Laboratory that meets global benchmarks.



Introductory Physics Laboratory



Advanced Physics Laboratory



Departmental Library



Computational Physics Laboratory



Lecture Theatre



Faculty Room



Student Activities

Talks and Events - Highlights



Inspire Talk by Prof. Venkatraman Ramakrishnan
Nobel Laureate-Chemistry, 2009

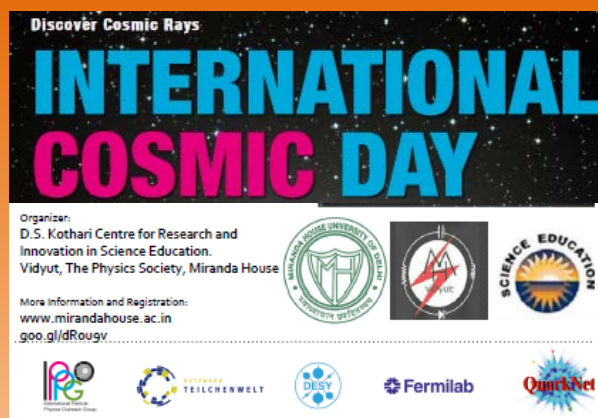
December 2013



Interactive Session with Dr. Ellen Stofan
NASA Chief Scientist

The event was organized on invitation by FICCI.

November 2014



An event on International Cosmic Day

Organized by MH in association with DESY, Fermilab, QuarkNet & Netzwerk Teilchenwelt.

November 2016



Interactive Session with Dr. Diane Evans

Director, Earth Science and Technology Directorate, Jet Propulsion Lab, NASA.

February 2016

Student Activities

in

D. S. Kothari Centre for Research & Innovation in Science Education



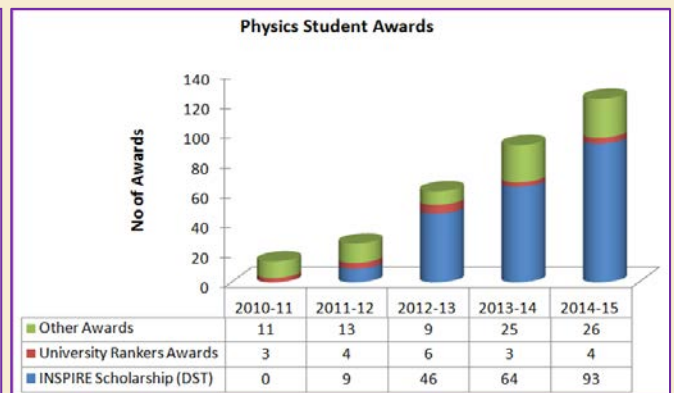
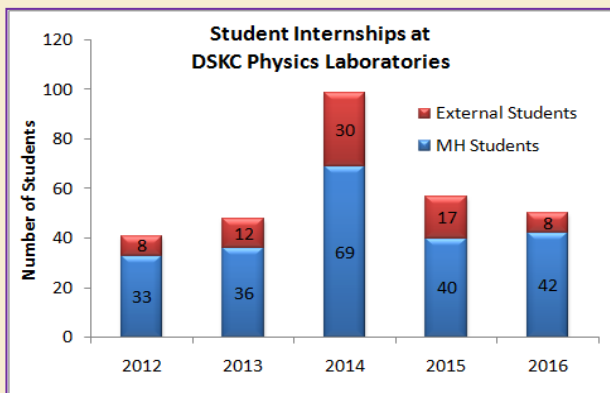
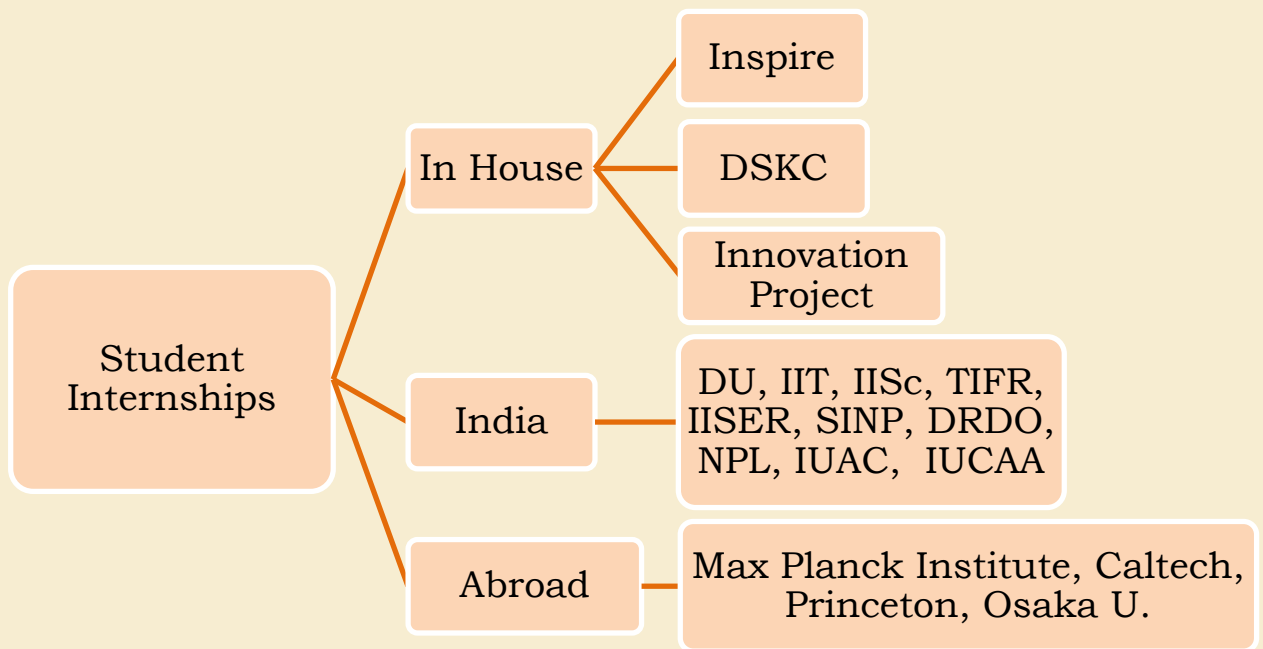
Robotics Laboratory



Material Science Research Laboratory



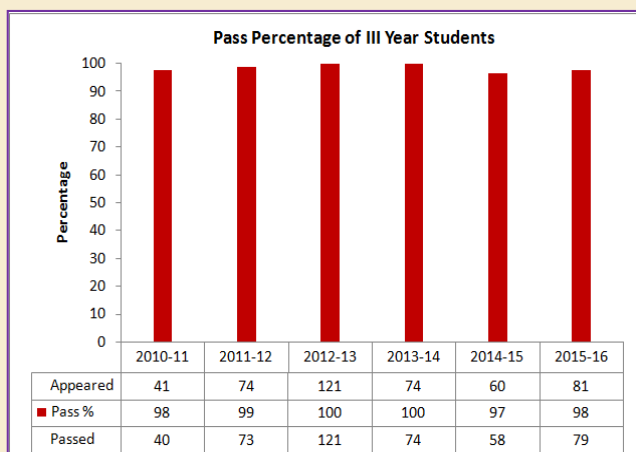
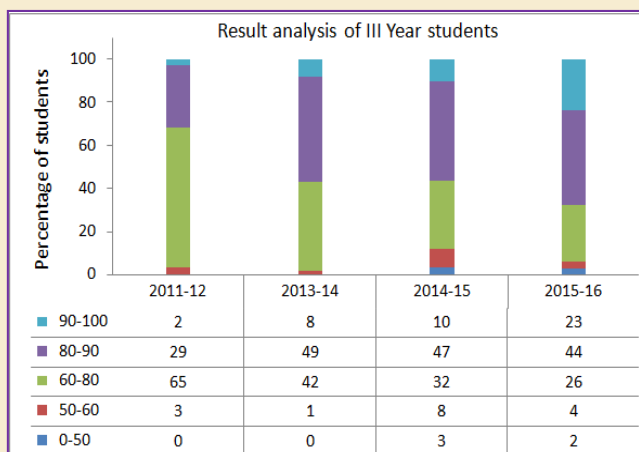
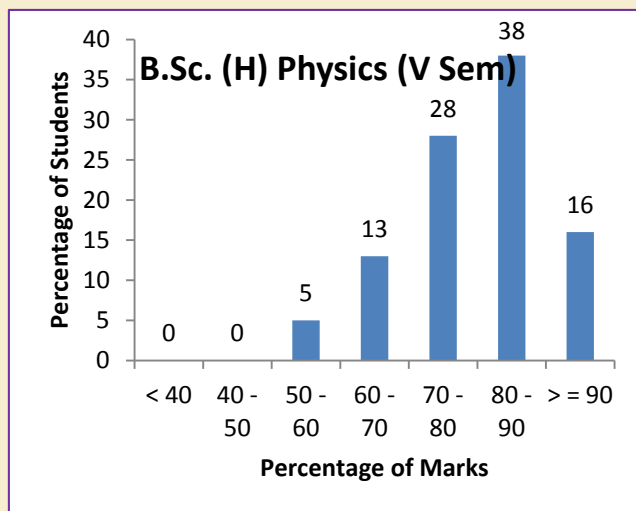
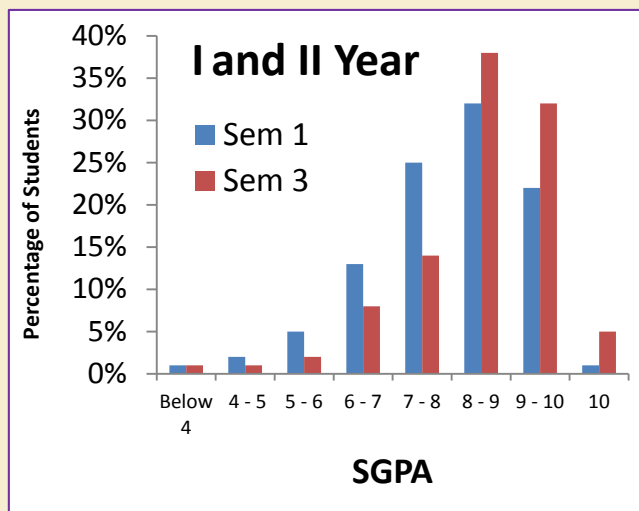
Student Internships and Awards



- ❑ **Awards:** Our students are recipients of University Rankers Award, and college awards like the Golden Jubilee Award, DSKC Science Award, Dr. K. S. Krishnan Gold Medal etc.
- ❑ Co-curricular activities such as NCC, NSS and Sports.
- ❑ Extracurricular activities such as debating, fine arts, dance and dramatics, music etc.

Evaluative Analysis: 2016-17

(Odd Semester)



Progression

- ❑ Majority of the students pursue Masters and Integrated Ph.D. programme in Physics in reputed Universities and Institutes in India (DU, JNU, JMI, IIT, NIT, IISER etc.) and abroad (John Hopkins, Bonn U., RWTH-AACHEN).
- ❑ Few students go for various avenues such as MBA, MCA programme and Civil Services.

Our Alumnae

Students to Cambridge



Darshana Joshi



Nimisha Kumari

Faculty in US

Vandana Singh



Framingham State University

Civil Services

IAS, AIR-24, 2015



Khumanthem Diana



Shovana Narayan

Jaya Chaudhary

Pratibha Dev



Howard University, Washington, D.C

Internships and Awards

Ishwita Saikia

SURF-2011, LIGO, Caltech



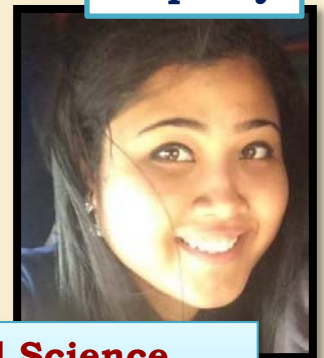
Sai Ahladini Tripathy

Mitacs Undergraduate Award



Pragya Chawla

International Science Camp by XLAB, University of Goettingen



Proud Moments



Dr. Pratibha Jolly

- GIREP 50th Anniversary Medal
- Honour for Life time Contribution by IAPT
- Ambassador for Peace Award



Dr. Monika Tomar

Excellence Awards for Teachers



Dr. Pratibha Jolly, Dr. Usha Malik and Dr. Mallika Verma among nine science faculty members

Australian Leadership Fellow Award



Ms. Suchita Agrawal and Ms. Rajnandini Mukherjee

The e-Yantra Robotics competition.



Ms. Nishi Sharma

Laureates and Leaders Summit 2016



Ms. Sarbani Chatterjee

Digibeti Presentation Contest 2017



Ms. Unnati Akhouri

- S. N. Bose Scholar
- International Student Intern at Princeton Univ.
- Sakura Exchange Scholar in Osaka Univ., Japan.



Faculty

Dr. Pratibha Jolly	Dr. Charu Goel
Dr. Saroj Mahajan	Dr. Sonam Singh
Dr. Mallika Verma	Dr. S.N .Sandhya
Dr. Rashmi Rakshit	Dr. Geeta Ray
Dr. Sanju	Dr. Sunita Singh
Dr. Vandana Verma	Dr. Ravi Prakash
Dr. Abha Dev Habib	Dr. Divakar Pathak
Dr. N. Bilasini Devi	Dr. Geeta Rani
Dr. Monika Tomar	Dr. Nirmala Saini
Mrs. Sumana Devi	Dr. Beerandra Singh

Lab Staff

Mr. Raj Kumar Rana	Mr. Naveen Chandra Bhatt
Mr. Ranveer Singh	Mr. Naresh Kumar
Mr. Khem Raj	Mr. Shashi Kumar
Mr. Cherian Daniel	Mr. Balwant
Mr. Vinod Kumar	Mr. Jay Prakash
Mr. Satish Kumar	Mr. Himanshu
Mr. Sahansarpal Singh	Mr. Sachin Singhal

