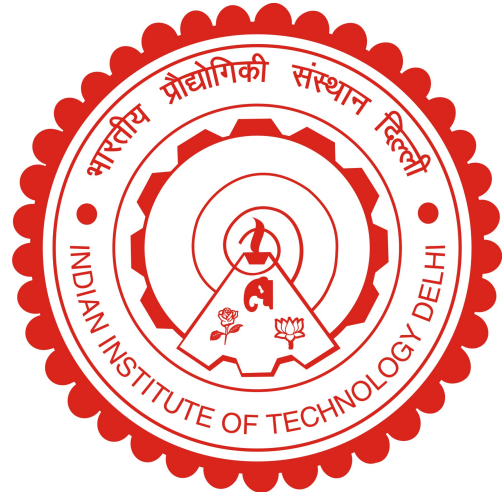


# KUSUMA SCHOOL OF BIOLOGICAL SCIENCES

PROJECT DESCRIPTION – FEBRUARY 2012

<b>Partner:</b>	Indian Institute of Technology, Delhi (IITD)
<b>Location:</b>	Delhi, India
<b>Target Group:</b>	IITD Students
<b>Grant Period:</b>	1 January 2011 - 31 December 2013
<b>Grant Amount:</b>	£2,800,000 (3 years)



## Objectives

- To assist in establishing a new “Kusuma School of Biological Sciences” (KSBS) at the IITD.
- To assist in the creation and development of new teaching and research programmes at the undergraduate and post-graduate levels in biology, with an emphasis on infectious diseases and non-communicable disorders.

## Description

The School aims to house state-of-the-art experimental and computer facilities to support the development of research into human pathogen genomes, and pioneer specific aspects of biological research.

The long-term goal is for the School to become a world-renowned centre for research and for the study into major diseases and their causes.

The KSBS will be administered by the IITD and be guided by its own Advisory Board, which will set out broad guidelines for the School’s activities.

## Progress

### Phase I: January-December 2011

The first disbursement of £1,400,000 was made in March 2011 to enable the School to procure specialised laboratory and research equipment, recruit new faculty members, develop the curriculum and commence a student outreach programme.

In April, Professor Seyed E. Hasnain, a distinguished research professor from the Institute of Life Sciences and the previous Vice Chancellor of the University of Hyderabad agreed to join the KSBS Advisory Board.

The focus for Phase I will be:

- Completing the Advisory Board
- Processing equipment purchases
- Creating the curriculum
- Seeking administrative approvals for initiation of minor area specialisation in biological sciences for undergraduate students at the IITD
- Establishing teaching/research laboratories
- Initiating an outreach programme for training select non-IITD students in biological research at the School.

The Microarray and Fluorescence Activated Cell Sorter have now been purchased. The Cyro-Electron Microscope will be purchased by 31 March 2012.

## New Developments

Student registration has increased from 14 in the first semester to 30 in the second semester of 2011-2012.

On 2 December, the School’s first Advisory Board Meeting took place at the IITD.

The first Trust-funded conference took place from 7-9 December on Nucleic Acids in Disease and Disorder at the IITD, where 150 participants from India and several speakers from abroad attended. A summary of the event will be published in J.Bio Sciences, a premier scientific journal in India.



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