

Indian Institute of Technology Bombay

Projects sanctioned under the Scheme, **National Mission on Education through Information and Technology (NME-ICT)**
By Ministry of Human Resource Development

Project Coordinator - Prof. Kannan Moudgalya, Chemical Engineering Department
(Status as on 1st September, 2009)

| MHRD Project Sanction No. | Sanctioned Amount & Total Receipts (in Rs.) | IIT Bombay Project Code | Name & Dept. of Principal Investigator (Prof.) | Project Title & web link | Received Amount (in Rs.) |
|---|---|-------------------------|--|---|--------------------------|
| No. F.16-31/2009-DL dt. 31.03.2009 – Addressed to IIT Bombay | 10 Crores (Received Rs. 5 Crores as First installment) | 09MHRD001 | D.B. Phatak Computer Science & Engineering | Empowerment of Student & Teachers through Synchronous & asynchronous instruction http://www.cdeep.iitb.ac.in/ttt/ | 1 Crore |
| | | 09MHRD003 | K. Moudgalya Chemical Engineering | Empowerment of student and teachers through synchronous and asynchronous instruction http://www.cdeep.iitb.ac.in/ttt/ | 2 Crores |
| | | - | - | Amount transferred to IIIT Allahabad, U.P. | 75 Lakhs |
| | | - | - | Amount transferred to Amrita Vishwa Vidyapitham, Amritapuri, Kollam, Kerala | 75 Lakhs |
| | | - | - | Amount transferred to Dayalbaugh Edu. Institute, Agra, U.P. | 50 Lakhs |
| No. F.16-42/2009-DL dt. 31.03.2009 – Addressed to IIT Bombay | 1 Crore (Received Rs. 50 Lakhs as First installment) | 09MHRD002 | Kavi Arya Computer Science & Engineering | E-Yantra : Roboot Enhanced Teaching of Subjects in Engineering Colleges http://www.e-yantra.com | 50 Lakhs |
| No. F.16-32/2009-DL dt. 31.03.2009 – Addressed to IIT Roorkee | 10 Crores (Received Rs. 2 Crores as First installment) | 09MHRD004 | S.R. Iyer Computer Science & Engineering | Open Source Course-ware Animation Repository for higher education. http://www.it.iitb.ac.in/oscar/ | 1 Crore |
| | | 09MHRD005 | Prabhu Ramachandran Aerospace Engineering | Assimilation of open source software in science and engineering education http://fossee.in/mhrd-projects | 1 Crore |

Project Title : **Virtual Labs** (Status as on 1st December, 2009)

| MHRD Project Sanction No. | Sanctioned Amount & Total Receipts (in Rs.) | IIT Bombay Project Code | Name & Dept. of Principal Investigator (Prof.) | Individual project title of main project, Virtual Labs | Received Amount (in Rs.) |
|--|--|--------------------------------|---|--|---------------------------------|
| No. F.16-35/2009-DL dt. 31.03.2009 – Addressed to IIT Delhi Project : Virtual Labs - 11 Crores (50%) | IIT Bombay total budget : Rs. 1.6 Crores- Received Rs. 1 Crore (Rs. 75 Lakhs – First installment & Rs. 25 Lakhs - Second installment) | 09MHRD006 | S S Pande Mechanical Engineering | WebCNC – Internet Based Virtual CNC Laboratory | 13 Lakhs |
| | | 09MHRD007 | P S V Nataraj Systems & Control Engineering | Real-Time Embedded Control of Magnetic Levitation System | 19.75 Lakhs |
| | | 09MHRD008 | S A Soman Electrical Engineering | Development of Virtual Laboratory for Power Systems Analysis | 15 Lakhs |
| | | 09MHRD009 | S B Noronha Chemical Engineering | Bioreactor development | 15 Lakhs |
| | | 09MHRD010 | K Moudgalya Chemical Engineering | Single board heater system | 2 Lakhs |
| | | 09MHRD012 | H Arya Aerospace Engineering | Virtual laboratory experiments | 16.25 Lakhs |
| | | 09MHRD013 | B G Fernandes Electrical Engineering | Development of Virtual Laboratory for synchronous machine connected to grid | 12 Lakhs |
| | | 09MHRD015 | A M Kulkarni Electrical Engineering | Co-ordination of Virtual Laboratory activities at IIT Bombay | 3 Lakhs |
| | | 09MHRD016 | M P Desai Electrical Engineering | IMAGE Virtual Laboratory for VLSI Design | 4 Lakhs |
| No. F.16-79/2009-DL dt. 11.08.2009 – Addressed to IIT Bombay | 2 Lakhs | 09MHRD017 | K Moudgalya Chemical Engineering | Establishment and Administration related matters of the Mission project, NME-ICT | 2 Lakhs |