

**Report on Utilization of Funds Received From IIT Bombay
Heritage Fund Inc., USA & Alumni in India for Year 2008-09**



**Office of the Dean, Alumni & Corporate Relations,
Indian Institute of Technology Bombay**
Mumbai, India

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A. INTRODUCTION

It is my pleasure to greet the Alumni and Industry well wishers of the Institute and present this Annual Report on Utilization of Funds for the year 2008-09. A brief summary of the notable events in 2008-09 follows.

IIT Bombay, India's leading institution in technology launched its **Golden Jubilee celebrations** on 5th September 2007. The occasion was graced by the presence of the former President, Dr A P J Abdul Kalam. Numerous events and activities such as seminars, conferences and lectures by distinguished personalities were conducted on the campus as part of these celebrations in the year 2008-09.

On the occasion of Golden Jubilee celebrations of IIT Bombay from September 2007 – March 2009, it was envisaged to create a road – map for further growth towards becoming a “**world – class” research university in science and technology**. To help build a strategic plan and future vision document for the Institute, an **international VC Conclave** was organized from 14 – 16th January 2008. The aim of this event was to share ideas and experiences in creating and sustaining processes that ensure growth and a place amongst the great universities of the world.

During the Golden Jubilee year, the Institute launched various projects like Convention Centre, Students' Gymkhana Revamp, construction of Lecture Hall complex, new Hostels, etc. A number of **Distinguished Lecture Series** were conducted. Some notable personalities, especially **Nobel Laureates**, who delivered Institute Lectures in the month of February 2008 include Dr. Carlo – Rubbia and Prof. Sherwood Rowland. The Institute was delighted to host Prof. David Mumford's lecture in February 2008, who is a **Field Medalist in Mathematics**. Prof. Devendra Lal, FRS, and Prof. Jean – Marie Pierre Lehn, Nobel Prize Laureate in Chemistry, delivered distinguished lectures in January and February 2009 respectively.

The **Golden Jubilee Foundation Day** was celebrated on 10th March 2008. On this occasion, Mr. Anand Mahindra, Vice Chairman & Managing Director, Mahindra & Mahindra Ltd., was the Chief Guest for the occasion. He presented the Distinguished Alumnus awards to notable IIT Bombay alumni who have made remarkably exceptional contributions in their chosen fields of endeavor.

The **46th Convocation of IIT Bombay** was held on Friday, 8th August 2008. The Hon. President of India, Smt. Pratibha Patil was the Chief Guest on the occasion. The Governor of Maharashtra, Shri S.C.Jamir and the Chief Minister of Maharashtra, Shri Vilasrao Deshmukh also graced the occasion with their presence.

IIT Bombay conferred 1604 degrees in 2008, the highest in the history of the Institute. Out of this 200 of the degrees were PhDs which again is the highest number in the history of any IIT. The Degree of Doctor of Science (Honoris Causa) was conferred upon Mr. Ratan Tata for his contribution to the growth of Indian industry and furthering the cause of science and technology and innovation. The President of India Medal was conferred upon Mr. Sushant Sachdeva and the Institute Gold Medal went to Ms. M.S. Shaama.

The **Teachers' Day celebrations** of the Institute in the year of Golden Jubilee were held on September 5, 2008. Mr. N.R. Narayan Murthy, Mentor for Infosys was the Chief Guest for the occasion and presented the Excellence in Teaching Awards and Dr. P.K. Patwardhan Technology Development Award.

The **Dr. P. K. Patwardhan Technology Development Award** was conferred on Tool based Micro machining for the Development of micro – components or features by Prof. S.S. Joshi of Mechanical Engineering Department.

Consistent with IIT Bombay's vision of being the "Fountainhead of New Ideas and Innovations in Technology and Science", a mega initiative – **10 Great Ideas to change the world in the Next 50 Years** -- was launched in 2008. This event is being conducted in collaboration with Godrej and the Grand Finale will be held in August 2009.

Research Scholars' Confluence was organized from 19-20 October, 2008 to bring together PhD Alumni and to make stock of the contribution made by them to their discipline and to society. This event specifically aimed at showcasing the contribution of IIT Bombay towards creating and augmenting the Human Resources pool for carrying out R&D in Academia, Government – funded research labs and corporate research endeavors.

The R&D achievements of the Institute were showcased at the **IIT Alumni Global Conference 2008** (December 19 – 21) held in IIT Madras in the form of an exhibition of working models, posters and film shows. Also, Prof. Sandip Roy (Department of Chemical Engineering) along with alumnus Shri Deepak Somani were adjudged the winners in a competition to author a proposition paper on the theme "**How to improve the IIT Research Eco – System**".

On December 28, 2008, the alumni gathered at the Institute to celebrate **Alumni Day**. Apart from the Silver Jubilee Reunion of the 1983 Batch, the 1962 batch also celebrated the Golden Jubilee year of its entry into IIT Bombay on December 27, 2008. The then Acting Director, Prof. Juzer Vasi, presented the prestigious **Distinguished Service Award 2008** to Gautam Advani, Suresh Shenoy and Hemendra Girish Godbole.

The **Bharti Centre for Communication** was inaugurated on January 29, 2009 at the Department of Electrical Engineering, with an aim of promoting research in communication theory and systems, and fostering technical collaboration between the research and user groups.

The **Parimal and Pramod Chaudhari Cell Culture Laboratory** was inaugurated on February 13, 2009 to foster extensive research in Bio Sciences & Bio Engineering. The endowment would help in enhancing existing capabilities of the Institute's Cell Culture Laboratory.

IIT Bombay celebrated its **Foundation Day** on March 12, 2009. The ceremony commenced with a welcome address by Professor Devang Khakhar, Director, IIT Bombay highlighting key milestones reached in the Institute's Golden Jubilee Year.

Dr. Kakodkar also gave away this year's **Distinguished Alumni Awards and Faculty Awards** to: Alumni - Dr. Ajit Keshav Ranade, Dr. Dharendra Nath. Buragohain, Dr. Chetan Chitnis and Mr. Girish Jaywant Gaitonde and Faculty - Prof. (Ms.) Chandra Venkataraman, Chemical Engineering Department and Prof. Sambasivarao Kotha, Chemistry Department for their contributions in their respective fields.

A fitting finale to the Golden Jubilee Year was the release of the book "**Punctuations: A photographic journey through the IIT Bombay campus**" by **Prof. Khakhar and Dr. Kakodkar**. Prof. Chetan Solanki, who along with Prof Raja Mohanty, was the key driver of the project, pointed out that the book was an anthology of photographs and images, to capture the flow of life within the institute. The book is an attempt to capture memories and pay a tribute to the Institute's history. The Student editorial team of student magazines '*Insight*' and '*Awaaz*' also released special commemorative issues of the magazines as part of the Golden Jubilee Celebrations.

The Chief Guest gave away the **Prof. H. H. Mathur Excellence Award in Applied Sciences** instituted by Mr. Rakesh Mathur to Prof. (Ms.) Chandra Venkataraman, Chemical Engineering Department, in recognition of her outstanding research contributions in the area of Aerosol Science and Technology.

Also, **Prof. S.C. Bhattacharya Award for Excellence in Pure Sciences** was awarded to Prof. Sambasivarao Kotha, Chemistry Department, in recognition of his outstanding research contributions.

The Institute looks forward to continued involvement and active support from its alumni to realize its mission - '*to be the fountainhead of new ideas and innovators in technology and science*'.

■ **Prof. A.Q. Contractor, Dean, Alumni and Corporate Relations**

B. STUDENT DEVELOPMENT

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B.1. FELLOWSHIPS

B.1.1. Department Fellowships instituted by Alumni

Various student Fellowships have been instituted by Alumni and Corporates in the Department of Computer Sciences and Engineering and in the Shailesh J. Mehta School of Management for enabling M.Tech./ M.Mgt./ PhD. students to support their education.

B.1.1.1. DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.1.1.1.A Vijay Vashee Fellowship

1. *Fellowships from Vijay Vashee's Endowment:*

A part of the Vijay Vashee Endowment has been utilized to support three fellowships for post graduate students of CSE department –

- Ajay Vashee Fellowship for a PG student, if any, registered for a project with Vijay & Sita Vashee Chair Professor or to any eligible student in CSE department. This fellowship is awarded at the rate of Rs. 1000 per month. This Fellowship was not awarded in the year 2008.
- Nilesh Vashee Fellowship for a PG student studying in CSE department. This Fellowship is awarded at the rate of Rs. 1000 per month.
- Thomas Dooie Fellowship, Class of 1974, for a Dual Degree student in CSE department.

The details of Nilesh Vashee Fellowship & Thomas Dooie Fellowship are given below.

| Sr. No. | Roll No. | Name of Recipient | Period of Fellowship | Name of Fellowship |
|---------|----------|----------------------|----------------------|--------------------------|
| 1 | 06305001 | Vinay Deshpande | Jan 07 to June 08 | Nilesh Vashee Fellowship |
| 2 | 06305005 | Manish Aggarwal | Jan 08 to June 08 | Nilesh Vashee Fellowship |
| 3 | 07305001 | Ashish H. Chiplunkar | Jan 08 to June 09 | Nilesh Vashee Fellowship |
| 4 | 04D05008 | Shantanu Ravi Gangal | Jan 08 to June 09 | Thomas Dooie Fellowship |

2. *Research Excellence Awards:*

A part of the Endowment from Dr. Vijay Vashee Fellowship is being used to set up Annual Excellence Awards for Outstanding Research performed in the area of Computer Science and Engineering. No candidate has been selected so far.

3. Financial Statement for Vijay Vashee Fellowship:

1. Donation received through IITBHF

| Donor | Date of receipt | Amount US \$ | Amount Rs. |
|--------------|------------------------------|-----------------|--------------------|
| Vijay Vashee | 8 th March, 2002 | 300,000 | 1,45,98,000 |
| Vijay Vashee | 17 th Sept., 2002 | 59,973 | 28,84,088 |
| Total | | 3,59,973 | 1,74,82,088 |

2. Details of the Donation received

| Donor | Purpose | Amount (in Rs.) |
|--------------|---|-----------------|
| Vijay Vashee | Endowment for Vijay and Sita Vashee Chair | 85,15,500 |
| Vijay Vashee | Endowment for two Ajay Vashee Fellowships | 46,22,700 |
| Vijay Vashee | Endowment for Thomas Dooie Fellowship for Dual Degree student | 19,39,399 |
| Vijay Vashee | Endowment for Vijay Vashee Excellence Awards | 24,04,489 |

3. Expenditure Statement

| Endowment | Number of recipient(s) | Period | Amount per month | Expenditure (in Rs.) |
|---------------------------------------|------------------------|-----------------|------------------|----------------------|
| Nilesh Vashee Fellowship | 1 | Jan 07 – Jun 08 | Rs.1,000 | 18000 |
| | 1 | Jan 08 – May 08 | | 5000 |
| | 1 | Jan 08 – Jun 09 | | 18000 |
| Thomas Dooie class of 1974 Fellowship | 1 | Jan 08 – Jun 09 | Rs.1,000 | 18000 |
| Total | | | | 59000 |

B.1.1.1.B Vincent Fernandes Fellowship

Two Fellowships for Dual Degree students have been instituted from the funds donated by Dr. Vincent Fernandes. The details are given below:

- Dr. George B. Fernandes Fellowship for a DD student, if any, registered for a project with James R. Isaac Chair Assistant Professor, or to any eligible student in CSE department.
- Dr. Winifred A. Fernandes Fellowship for an eligible female DD student in CSE department, if one exists or any eligible student in CSE department.

The details of Vincent Fernandes Fellowship are given below.

| Sr. No. | Roll No. | Name | Period of Fellowship |
|---------|----------|----------------|----------------------|
| 1 | 04D05016 | Saransh Mittal | Jan 08 to June 09 |
| 2 | 04D1002 | Srivathsan B | Jan 08 to June 09 |

Financial Statement for Vincent Fernandes Fellowship –

1. Donation received through IITBHF

| Donor | Purpose | Date of receipt | Amount US \$ | Amount (in Rs.) |
|-------------------|---|--------------------------------|--------------|-----------------|
| Vincent Fernandez | Endowment for Prof. J. R. Isaac Chair Asst. Prof. and 2 fellowships | 30 th October, 2001 | 244,058.60 | 1,16,73,348 |

2. Expenditure Statement

| Endowment | Number of recipient (s) | Period | Amount per month | Expenditure (in Rs.) |
|------------------------------|-------------------------|----------------|------------------|----------------------|
| Vincent Fernandes Fellowship | 2 | Jan 08 – Jun09 | Rs. 1000/- | 18000 18000 |
| Total | | | | 36000 |

B.1.1.1.C Ramarao Nilekani Endowment

This Fellowship is paid to M.Tech. students at the rate of Rs. 5000 per month. The details for this Fellowship are given below.

List of M. Tech. students (2005 – 08 batch - RA category) paid the Ramarao Nilekani Endowment Fellowships@ Rs. 7000 per month from July 2007 to 20 July 2008

| S. No. | Roll No. | Name of the Student |
|---------------|-----------------|----------------------------|
| 1 | 05329R01 | Ashish Lahane |
| 2 | 05329R05 | Santosh Duvvuru |
| 3 | 05329R10 | Inakota Rajesh |
| 4 | 05329R04 | Janak Chandrana |
| 5 | 05329R08 | Mandalapu Ranjith |
| 6 | 05329R07 | Nandan Marathe |

List of M. Tech. students (2006 – 09 batch - RA category) paid the Ramarao Nilekani Endowment Fellowships@ Rs. 6500 per month from July 2007 to June 2008 and Fellowships @ Rs. 7000 per month from 1/7/2008 to 20/07/09

| S. No. | Roll No. | Name of the Student |
|---------------|-----------------|----------------------------|
| 1 | 06329904 | Dara Nithin Kumar |
| 2 | 06329906 | Sangodkar Amit |
| 3 | 06329901 | Kalgi Srinivasa |

B.1.1.1.D Ms. Raj Kaur Rekhi M. Tech. Endowment Fund

This Fund was instituted to support students pursuing their M.Tech. program in the Kanwal Rekhi School of Information Technology (KReSIT), now renamed as the Department of Computer Sciences and Engineering. A stipend of Rs. 5000 per month for 24 months and Tuition Fee of Rs. 21,050 per semester per student is supported from this Endowment.

B.1.1.1.E Major Bhagat Singh Rekhi Endowment Fund

Mjr. Bhagat Singh Rekhi Endowment for PhD Fellowship:

Under this Fellowship, a stipend of Rs. 10000 per month and Tuition Fee is paid to the students. Mr. Ashish Tendulkar, Mr. Nitin Salodkar and Mr. Sameer Sahasrabuddhe were supported with this Fellowship. Ashish & Nitin were selected for Infosys Fellowship and were transferred to the same.

Financial Statement for Ramarao Nilekani & Raj Kaur Rekhi Endowments –

i). Donations received from Mr. Kanwal Rekhi through IITBHF

| Particulars | Date of receipt | Amount US \$ | Amount Rs. |
|------------------------------------|-------------------------------|--------------|--------------------|
| Mjr.Bhagat Singh Chair | 2 nd December 2000 | 130,468 | 60,81,538 |
| Mjr.Bhagat Singh Ph.D Fellowship | 2 nd December 2000 | 214,532 | 1,00,00,000 |
| Raj Kaur Rekhi M.Tech.Scholarships | 2 nd December 2000 | 100,000 | 46,61,315 |
| Total | | 445,000 | 2,07,42,853 |

ii). Utilization of Funds

| Name of Fellowship | Program of Study | Number of Recipient(s) | Period | Amount per month (Rs.) | Expenditure (Rs.) |
|----------------------------|-------------------|------------------------|-----------------|------------------------|-------------------|
| Ramarao Nilekani Endowment | M.Tech. (2005-08) | 6 | Jul 07 – Jul 08 | 7000 | 5,04,000 |
| Ramarao Nilekani Endowment | M.Tech. (2006-09) | 3 | Jul 07 – Jun08 | 6500 | 2,34,000 |
| Ramarao Nilekani Endowment | M.Tech. (2006-09) | 3 | Jul 08 – Jul 09 | 7000 | 2,52,000 |
| Total | | | | | 9,90,000 |

The Endowment was invested in a Fixed Deposit and the interest transferred to meet the expenditure. The balance interest was reinvested.

B.1.1.2. SHAILESH J. MEHTA SCHOOL OF MANAGEMENT

Since its establishment in 1995, the Shailesh J Mehta School of Management has emerged as a significant player in management education in the country. The year 2008 was marked by a further strengthening and consolidation of academic programmes of the School, and an increase in full-time faculty strength. The School functions as a self-funding entity, and also contributes a significant and growing amount to Institute corpus.

A total amount of US \$ 1476224 (Rs. 6,89,99,968 or approximately Rs. 69 million) has been received from Dr. Shailesh J. Mehta {Alumnus, B. Tech. (Mech. Engg.) 1971} towards creating Endowment funds at IIT Bombay. An amount of approximately Rs. 25 million has already been spent as part contribution towards the creation of a modern residential facility for the Continuing Education Program (CEP). The remaining amount of Rs. 44 million has been utilized to create six Endowments for different purposes. The following table describes the six Endowments created and the allocation corpus of each.

B.1.1.2.1. Endowments and Allocation corpus

| Description of endowment fund | Corpus allocation (Rs.) |
|---|--------------------------------|
| Best teacher award in management | 1,00,000.00 |
| Scholarships (PhD and Master of Management) | 1,32,00,000.00 |
| Promotional activities including distinguished lectures | 20,00,000.00 |
| Development: School development and faculty development, including faculty exchange | 1,87,00,000.00 |
| Shailesh Mehta Chair | 70,00,000.00 |
| Student activities | 30,00,000.00 |
| Total | 4,40,00,000.00 |

Every year, interest income from the corpus associated with different funds is used to support the activities of the School. The following table provides information regarding the expenditure incurred for the year 2008-09.

B.1.1.2.2. Expenditure incurred for the year 2008-09

| Description of Endowment Fund | Expenditure in Rs. |
|---|---------------------------|
| Best teacher award in management | 20,000 |
| Scholarships (PhD and Master of Management) | 13,69,000 |
| Promotional activities including distinguished lectures | 2,79,000 |
| Development: School development and faculty development, including faculty exchange | 10,54,000 |
| Shailesh Mehta Chair | NIL |
| Student activities | 1,75,000 |
| Total | 28,97,000 |

B.1.1.2.3. Fellowships Awarded from SJMSoM Endowment Fund:

The details of fellowships awarded from the SJMSoM Endowment Fund on the basis of the Program of Study are given below.

B.1.1.2.3.A - Master of Management Program

List of M. Mgt. 1st year students (2006 – 2008 batch) paid Fellowships for the period Jan – Apr 2008

| S.No. | Roll No. | Name of Student | Name of the Scholarship | Amount per month |
|--------------|-----------------|-------------------------|--------------------------------|-------------------------|
| 1 | 06927822 | S. K. Teja Kappagantula | SJMSOM Endowment | Rs.3000/- |
| 2 | 06927842 | Pulkit Bansal | SJMSOM Endowment | Rs.3000/- |
| 3 | 06927807 | Divya John | SJMSOM Endowment | Rs.3000/- |
| 4 | 06927835 | Shreyas V. Navare | SJMSOM Endowment | Rs.3000/- |

List of M. Mgt.2nd year students (2006 – 2008 batch) paid Fellowships for the period July – Dec 2008

| S. No. | Roll No. | Name of Student | Name of the Scholarship | Amount per month |
|---------------|-----------------|------------------------|--------------------------------|-------------------------|
| 1 | 07927827 | Kshitij Dilip Varma | SJMSOM Endowment | Rs.3000/- |
| 2 | 07927868 | Girish Pandey | SJMSOM Endowment | Rs.3000/- |
| 3 | 07927865 | Arijit Majumdare | SJMSOM Endowment | Rs.3000/- |
| 4 | 07927845 | Vandana Priya Maturu | SJMSOM Endowment | Rs.3000/- |
| 5 | 07927833 | Suneet Anil Deshmukh | SJMSOM Endowment | Rs. 500/- |
| 6 | 07927879 | Abhishek Shukla | SJMSOM Endowment | Rs. 1000/- |

List of M. Mgt 1st year students (2007 – 2009 batch) paid Fellowships for the period July – Dec 2008

| S. No. | Roll No. | Name of Student | Name of the Scholarship | Amount per month |
|---------------|-----------------|----------------------------|--------------------------------|-------------------------|
| 1 | 08927844 | Ashutosh Kumar Mishra | SJMSOM Endowment | Rs.3000/- |
| 2 | 08927860 | Deepak Gupta | SJMSOM Endowment | Rs.3000/- |
| 3 | 08927849 | Nawneet Sinha | SJMSOM Endowment | Rs.3000/- |
| 4 | 08927834 | Kapil Dwivedi | SJMSOM Endowment | Rs.2000/- |
| 5 | 08927870 | Vinay Vishnu Savitri Bhat | SJMSOM Endowment | Rs. 2000/- |
| 6 | 08927836 | Anubhav Srivastava | SJMSOM Endowment | Rs. 2000/- |
| 7 | 08927843 | Sachin Manchanda | SJMSOM Endowment | Rs. 2000/- |
| 8 | 08927869 | Pallavi Kheria | SJMSOM Endowment | Rs. 2000/- |
| 9 | 08927896 | Gadiraju Phani Raj Kishore | SJMSOM Endowment | Rs. 1500/- |

List of M. Mgt. 2nd year students (2007 – 2009 batch) paid Fellowships for the period Jan – Apr 2009

| S.No. | Roll No. | Name of Student | Name of the Scholarship | Amount per month |
|--------------|-----------------|------------------------|--------------------------------|-------------------------|
| 1 | 07927845 | Vandana Priya Maturu | SJMSOM Endowment | Rs.2000/- |
| 2 | 07927809 | Anupam Shrotary | SJMSOM Endowment | Rs.2000/- |
| 3 | 07927838 | Varghese Eappen | SJMSOM Endowment | Rs.1000/- |

B.1.1.2.3.B – Ph. D. Program

List of PhD. students awarded the Shailesh J. Mehta Endowment Fellowships:

| S. No. | Roll.No | Name | Name of Scholarship | Period | Amount per month |
|---------------|----------------|-------------------------|----------------------------|-----------------|-------------------------|
| 1 | 04427002 | Sanjay Kumar Thakur | SJMSOM Endowment | Apr 08 – Jun 09 | Rs.15000/- |
| 2 | 05427601 | Mukta Paliwal | SJMSOM Endowment | Jul 08 – Apr 09 | Rs.15000/- |
| 3 | 06427002 | Hattangadi Ashish Sunil | SJMSOM Endowment | Jul 08 – Apr 09 | Rs.15000/- |

B.1.1.2.4. Utilization of Funds

| Name of Fellowship | Program of Study | Number of Recipients | Period | Amount per month (Rs.) | Expenditure (Rs.) |
|--------------------|---------------------------------------|----------------------|------------------|------------------------|-------------------|
| SJMSoM Endowment | M.Mgt. 1 st yr. (2006-08) | 4 | Jan 08 – Apr 08 | 3000 | 48000 |
| SJMSoM Endowment | M. Mgt. 2 nd yr. (2006-08) | 4 | Jul 08 – Dec 08 | 3000 | 72000 |
| SJMSoM Endowment | M. Mgt. 2 nd yr. (2006-08) | 1 | Jul 08 – Dec. 08 | 500 | 3000 |
| SJMSoM Endowment | M. Mgt. 2 nd yr. (2006-08) | 1 | Jul 08 – Dec. 08 | 1000 | 6000 |
| SJMSoM Endowment | M.Mgt. 1 st yr. (2007-09) | 3 | Jul 08 – Dec 08 | 3000 | 54000 |
| SJMSoM Endowment | M.Mgt. 1 st yr. (2007-09) | 5 | Jul 08 – Dec 08 | 2000 | 60000 |
| SJMSoM Endowment | M.Mgt. 1 st yr. (2007-09) | 1 | Jul 08 – Dec 08 | 1500 | 9000 |
| SJMSoM Endowment | M.Mgt. 2 nd yr. (2007-09) | 2 | Jan 09 – Apr 09 | 2000 | 16000 |
| SJMSoM Endowment | M.Mgt. 2 nd yr. (2007-09) | 1 | Jan 09 – Apr 09 | 1000 | 4000 |
| SJMSoM Endowment | Ph.D. | 1 | Apr 08 – Dec 08 | 15000 | 135000 |
| SJMSoM Endowment | Ph.D. | 2 | Jul 08 – Apr 09 | 15000 | 300000 |
| Total | | | | | 7,07,000 |

B1.1.3 Fellowships instituted by Corporate Entities:

The following Fellowships have been instituted by corporate entities for the benefit of bright and deserving students in various departments –

1. KPMG Fellowships
2. INLAKS Fellowships
3. Infosys Fellowships

B.1.1.3.1. KPMG Fellowships

| S.No. | Name of Recipients | Roll No. | Year | Latest CPI | Amount of Scholarship received (Rs.) |
|--------------|---------------------------|-----------------|----------------------|-------------------|---|
| 1 | Ms. Palak Dalal | 08005034 | 1 st year | 9.88 | 60000 |
| 2 | Ms. Sakshi Jain | 07001002 | 2 nd year | 9.34 | 60000 |
| 3 | Mr. Harshad Kanhere | 06D05005 | 3 rd year | 9.65 | 59600 |
| 4 | Ms. Aditi Goyal | 05007008 | 4 th year | 9.27 | 59000 |
| 5 | Ms. Neha Khandelwal | 05D10004 | 4 th year | 8.52 | 57000 |
| Total | | | | | 2,95,600 |

B.1.1.3.2. INLAKS Fellowships

A search for excellence and providing support to talented young individuals has been the objective of the INLAKS Foundation since its inception twenty seven years back. For this purpose, the Foundation has been awarding scholarship abroad, in Institutions/ Universities of high repute in the US, Great Britain and Europe. More recently, the Foundation has started a scholarship program in some of the top institutions in India, in particular the IIT.

INLAKS Foundation selected some scholars as the Inlaks – IIT Scholar. The award covers tuition fee and accommodation expenses. The scholarship is valid for a scholar's entire stay at IIT (ie. for three years) with a condition that the scholar maintains a CGPA of 8.5. Failure to maintain this CGPA score will result in withdrawal of the scholarship.

The INLAKS Awardees for the year 2008-09 are Mr. Aditya Ramdas, Mr. Ritesh Agarwal and Mr. Yash Deshpande.

B.1.1.3.3. INFOSYS Fellowships

This Fellowship was instituted by Mr. Nandan Nilekani, Managing Director, Infosys Technologies. The Fellowship is awarded every year to deserving candidates in the Ph.D. Program in the Department of Computer Science and Engineering in the Institute. Tuition fee, contingency grant, travel and all other academic expenses are supported from this Fellowship. The Institute receives a grant of Rs. 3 lakhs every year for each Ph.D. scholar supported under this scheme for a period of three years. The Fellowship was not awarded to any new Ph.D. candidate in the year 2008-09.

B2. SCHOLARSHIPS

B2.1. IIT BOMBAY HERITAGE FUND NAMED SCHOLARSHIPS

In the year 2008-09, IITBHF had transferred funds for 7 new endowed scholarships for BTech/ Dual Degree students of IIT Bombay, raising the total number to 113 Endowed Scholarships. The details of the funds received through IITBHF for this purpose and the scholarships awarded are given in the following sections.

B.2.1.1. Financial Report -- Funds Received through IITBHF

| Particulars | Date of receipt | Amount US \$ | Amount (Rs.) |
|--|-----------------------------|----------------|--------------------|
| 6 Named Scholarships | 8th June 1999 | 24,000 | 10,31,040 |
| 10 Named Scholarships | 26th April 2000 | 40,000 | 17,41,600 |
| 10 Named Scholarships | 2nd Dec 2000 | 46,700 | 21,76,834 |
| 9 Named Scholarships | 2nd Dec. 2000 | 36,300 | 16,92,057 |
| 8 Named Scholarships | 5th Feb 2001 | 32,000 | 14,81,725 |
| 1 Named Scholarship | 8th March 2002 | 4,000 | 1,94,640 |
| 1 Named Scholarship | 17th Sept. 2002 | 4,000 | 1,92,200 |
| 5 Named Scholarships | 14th Nov. 2002 | 20,000 | 9,57,976 |
| 9 Named Scholarships | 13th March 2003 | 36,000 | 17,02,080 |
| 5 Named Scholarships | 23rd July 2003 | 20,000 | 9,18,200 |
| 6 Named Scholarships | 1 st July 2004 | 28,000 | 12,77,360 |
| Additional amount from Kishor Kulkarni | 1 st July 2004 | 2,000 | 91,240 |
| Additional amount from Deepak Kamath | 1 st July 2004 | 4,000 | 1,82,480 |
| 2 Named Scholarships Abraham Thomas | 21 st Jan. 2004 | 8,000 | 3,60,560 |
| 5 IITBHF Scholarships | 9th March 2005 | 25,000 | 10,86,500 |
| Rajendra Agarwal | 9th March 2005 | 4,000 | 1,73,840 |
| Additional amount from Kishor Kulkarni | 9th March 2005 | 2,000 | 86,920 |
| 13 Named Scholarships | 4th January 2006 | 65,000 | 30,08,530 |
| 5 Names Scholarships | 20 th March 2007 | 25,000 | 10,67,764 |
| 6 Named Scholarships | 9 th July 2007 | 30,000 | 12,08,058 |
| 1 PG and 1 UG Scholarship | 25 th Sept. 2007 | 15,000 | 5,90,772 |
| Total | | 471,000 | 2,12,22,376 |

B.2.1.2. Award of IITBHF Named Scholarships for year 2008-09

The Institute Scholarship Committee has awarded these scholarships to students from July 2008 to April 2009 (Academic year 2008-09) at the rate of Rs. 1000 per month per scholarship for ten months based on the academic performance in terms of CPI. It may be noted that Dr. Kishor M. Kulkarni Scholarship and Prof. Mohan M. Kulkarni Scholarship are awarded at the rate of Rs. 1500/- per month for ten months. Also, the Deepak Kamat Scholarship for first year B.Tech. students is awarded at the rate of Rs. 1500/- per month.

List showing the names of the II year B.Tech./ DD students, III year BTech./ DD students and IV year BTech/ DD students recommended for IIT Bombay Heritage Fund Scholarships for the period from July 2008 to April 2009

| S.No. | Roll No. | Name of the student | Name of the Scholarship | Name of the Donor |
|-------|----------|------------------------|---|--------------------------|
| 1 | 07002048 | Piyush Agrawal | Jagjivan Ujamshi Talsania Schp | Abhay Talsania |
| 2 | 07002058 | Varshney Ankur | Vasant Himatlal Talsania Schp | Abhay Talsania |
| 3 | 07d02007 | Shubham Gupta | Indira Manudhane Scholarship | Avi Nash Mandhane |
| 4 | 07010014 | Ashwin Krishnan | Vidyadhar and Radhika Kulkarni Scholarship | Vidyadhar Kulkarni |
| 5 | 07D10039 | Khushboo Agrawal | Dina Nath & Gayatri Nath Schp | Samir & Vinaya Kapoor |
| 6 | 07011030 | Amrit Raj | Mrs Meenakshi Vishwanathan Schp | Vishwanathan Bhalchandra |
| 7 | 07007007 | Shah Chinmayee Yogesh | Dr P Ramadevi Menon Memorial Schp. | Vinod Menon |
| 8 | 07d07021 | Aakash Shantaram Patil | Mr. Badruddin Sonawalla Scholarship | Noorali Sonawalla |
| 9 | 07d11018 | Mohit Sudhir Pimpalkar | David J. Dunn Scholarship | Dev Purkayastha |
| 10 | 07d07022 | Abhinav Mittal | Shri C.K. Apte Scholarship | Ravi Apte |
| 11 | 07005035 | Nikhil Vij | Dr. Vijaya Apte Memorial Scholarship | Ravi Apte |
| 12 | 07007006 | Iyer Rishabh Krishnan | T. R.S. Anand and Bhanumati Anand Scholarship | Pradeep Anand |
| 13 | 07007030 | Vivek Kumar Jha | Mr and Mrs Ranganathan Scholarship | Giridhar Iyengar |
| 14 | 07010025 | Ankur Tulsian | Jayant Sathe Scholarship | Jayant Sathe |
| 15 | 07007024 | Mudit Jain | Mr Balkrishna K. Mundhe Schp. | Rajiv Mundhe |
| 16 | 07010026 | Anubhav Jain | Sandra Lee Purkayastha Scholarship | Dev Purkayastha |

| | | | | |
|----|----------|-------------------------|---|-----------------------|
| 17 | 07004012 | Vaibhav Agarwal | Anonymous Schp. | IITBHF(Subodh Ghonge |
| 18 | 07d10044 | Mohit Janoiya | -do- | IITBHF(Subodh Ghonge |
| 19 | 07d11025 | Yash Bhargava | IIT Alumni@Microsoft Scholarship | |
| 20 | 07d11016 | Nikhil Milind Tiwale | -do- | |
| 21 | 07103017 | Abhas Kumar | -do- | |
| 22 | 05001007 | Khadilkar Harshad Dilip | IIT Bombay Heritage Fund Schp. | |
| 23 | 05007020 | Athavale Viraj Milind | IIT Bombay Heritage Fund Schp. | |
| 24 | 06d02005 | Ritika Tawani | Burjor S. Dadyburjor Scholarship | Dady Dadyburjor |
| 25 | 06007006 | Tikekar Mehul Deepak | Samir Shah - Prakash Peres Memorial Scholarship | |
| 26 | 06d10046 | Haripriya M | Mr. Shantilal H. Goradia Scholarship | Tarak Goradia |
| 27 | 06026002 | Sardesai Shardul Milind | Abraham Thomas Schp. | Abraham Thomas |
| 28 | 06010042 | L S V Tapovan | IIT Bombay Heritage Fund Schp. | |
| 29 | 06007011 | Akshay Sehgal | IIT Bombay Heritage Fund Schp. | |
| 30 | 06d02016 | Neeta Dixit | Mr. S.S. Shiralkar Scholarship | Bharat Shiralkar |
| 31 | 06d04002 | Parija Bilaye | Kanitkar Scholarship | Jayant Kanitkar |
| 32 | 06011006 | Patil Niranjan Ramesh | Rajesh Radhakrishnan Scholarship | Rajesh Radhakrishna |
| 33 | 06d10040 | Arvind Krishna | Vidyadhar and Radhika Kulkarni Scholarship | Vidyadhar Kulkarni |
| 34 | 06026010 | Tanuj Saxena | Lata Vijaykar Schp | Sandeep Vijayakar |
| 35 | 06002014 | Bhautik Jayant Mehta | Anisbert & Kumarie Sequeria Schp | Samir & Vinaya Kapoor |
| 36 | 06d07039 | Shobhraj | Prof M V Hariharan Schp | Deepak Sabnis |
| 37 | 06d11007 | Sangle Abhijeet Laxman | Mrs. Minaz Sonawalla Scholarship | Noorali Sonawalla |
| 38 | 06d11008 | Swapnil Satish Kokar | Usha Purkayastha Scholarship | Dev Purkayastha |

| | | | | |
|----|----------|------------------------|--|---------------------|
| 39 | 06d11004 | Kshitiz Saxena | Nagesh C. Chaudhari Scholarship | Dev Purkayastha |
| 40 | 06002034 | Mayank Goyal | N S Rajaraman Schp | Rajesh Rajaraman |
| 41 | 06d10017 | Parag Vijayraj Pathak | Mr S. J. and Mrs S.S. Kulkarni Scholarship | Abhay Kulkarni |
| 42 | 06d11005 | Hitesh Sharma | Gajendra Chandra Malakar Scholarship | Dev Purkayastha |
| 43 | 06007018 | Vaibhav Chaudhary | Late Shri Gopaldas D Dattani Schp. | Private Scholarship |
| 44 | 06d02006 | Gaikwad Rohankumar D | IIT Alumni@Microsoft Scholarship | |
| 45 | 05d10019 | Gauri D Joshi | George Tharakan Scholarship | George Tharakan |
| 46 | 05007008 | Aditi Goyal | Mrs. Ila Chandrakant Scholarship | Sunil Shah |
| 47 | 05010010 | Tarun Gupta | Dr. Kishor M. Kulkarni Scholarship | Kishor Kulkarni |
| 48 | 06d01017 | Nek Sharan | Prof. Mohan M. Kulkarni Scholarship | Kishor Kulkarni |
| 49 | 06d07023 | Padmakar Aditya Abhay | Prof. K. Shankar Scholarship | Deepak Sabnis |
| 50 | 05004015 | Ankit Gupta | Abbas Bhatia/ John A. Martin Jr. Scholarship | Hussain Bhatia |
| 51 | 06004020 | Manish Daryani | Prabhakar D. Mahajan scholarship | Milind Mahajan |
| 52 | 07004003 | Ankit Kishor Agrawal | -do- | Milind Mahajan |
| 53 | 05002042 | Kshitij Gupta | Soonu Daduburjor Schp | Dady Dadyburjor |
| 54 | 05d04006 | Deepak Kumar Prajapati | Kanitkar Scholarship | Jayant Kanitkar |
| 55 | 05d11016 | Siddharth Ashith Rao | Madho & Radha Agarwal Schp | Dwarika Agarwal |
| 56 | 05007027 | Ranjan Panda | Suresh & Varsha Nihalani Schp | Suresh Nihalani |
| 57 | 06007017 | Sanket Kabra | Suresh & Varsha Nihalani Schp | Suresh Nihalani |
| 58 | 05d10004 | Neha Khandelwal | Himangshushekar Purkayastha Scholarship | Dev Purkayastha |
| 59 | 05d10038 | Anish Aryan | Mr. Kasamali Virani Scholarship | Noorali Sonawalla |
| 60 | 05d26003 | Rohit Garg | Bijoya Chaudhari Scholarship | Dev Purkayastha |

| | | | | |
|----|----------|------------------------|--|-----------------------|
| 61 | 05d10025 | Ashwin Dinanath Zade | Lionel J D'luna Scholarship | Lionel D'luna |
| 62 | 05011009 | Jitendra Singh Mavalia | Bibha Nandi Scholarship | Dev Purkayastha |
| 63 | 05010006 | Shashank Nawathe | Dwarka Nath Shuklo Baidya Scholarship | Dev Purkayastha |
| 64 | 05005024 | Pranav Kashyap | IIT Bombay Heritage Fund Schp. | IITBHF |
| 65 | 05007013 | Himanshu Asnani | Mr Roop Kumar & Mrs Suraj Devi Agarwal Schp. | Rajendra Agarwal |
| 66 | 06002008 | Manan Pathak | Virendra Kumar Scholarship | Mr. Anil Kumar |
| 67 | 05010040 | Saurabh Harsh | Anonymous Schp. | IITBHF(Subodh Ghonge) |
| 68 | 05011029 | Abhishek Srivastava | Anonymous Schp. | IITBHF(Subodh Ghonge) |
| 69 | 07004046 | Rohit Kiran Prasun | IIT Bombay Heritage Fund Schp. | |
| 70 | 07103008 | Praful Mangal | Radha Rani Agarwal Merit Scholarship | Mr. Brijesh Agarwal |
| 71 | 06007019 | Anuj Jain | Abhay Himatlal Talsania Scholarship | Abhay Talsania |
| 72 | 07010028 | Shailesh Verma | Narendra Joshi Merit Schp. | Narendra Joshi |
| 73 | 07d11026 | Parth Maheshwari | IIT Alumni@Microsoft Scholarship | |
| 74 | 07026018 | Abhishek Chandra | IIT Alumni@Microsoft Scholarship | |
| 75 | 07d10025 | Abhishek Gupta | IIT Alumni@Microsoft Scholarship | |
| 76 | 07004010 | Subodh Kumar Rathore | IIT Alumni@Microsoft Scholarship | |
| 77 | 07004027 | Aashish Sharma | P K Seshambal Scholarship | Bala Subramanian |

List showing the names of the I year B.Tech./ DD students recommended for IIT Bombay Heritage Fund Scholarships for the period from July 2008 to April 2009

| S. No. | Roll No. | Name of the student | Name of the Scholarship | Name of the Donor |
|---------------|-----------------|----------------------------|--|--------------------------|
| 1 | 08007019 | Abhinav Agarwal | R N Limaye Schp. | Dilip Limaye |
| 2 | 08d02020 | Astha Airan | Ruyintan & Monica Mehta Family Foun. Schp. | Ruyintan Mehta |
| 3 | 08d07030 | Saharoy Rupan Ranjan | Prof G N Revankar Schp. | Deepak Sabnis |
| 4 | 08002043 | Sumit Chhazed | Ruyintan & Monica Mehta Family Foun. Schp. | Ruyintan Mehta |
| 5 | 08005018 | Ravinder Singh | Vijaya Patil Schp | Uday Patil |
| 6 | 08010050 | John Joy | Manohar & Sunita Kamat Schp. | Deepak Kamat |
| 7 | 08005015 | Kuldeep Singh Meel | Dr G V Bakore Memorial Schp. | Ravi Apte |
| 8 | 08005005 | Kunal Yogesh Shah | Shri Raman K Rao Scholarship | Raman Rao |
| 9 | 08005013 | Apekshit Sharma | Ms A J Majmudar Schp. | Raj Mashruwala |
| 10 | 08005014 | Sushil Kumar Meena | IITB Alumni Microsoft Schp. | |
| 11 | 08001003 | Mandge Sameer Eknath | Manohar & Sunita Kamt Schp. | Deepak Kamat |
| 12 | 08d07022 | Avadhanula Vashist | Dr Chandrakant Thanawala Schp. | Sukumar Thanawala |
| 13 | 08d17015 | Akash Chandrayani | IITB Alumni Microsoft Schp. | |
| 14 | 08d11008 | Archis Agrawal | C Vimla & M R K Menon Schp. | Rajesh Radhakrishna |
| 15 | 08005027 | Abhishek Asawa | IITB Alumni Microsoft Schp. | |
| 16 | 08005001 | Paroksh Saxena | Ashish Prasad Nandi Majumdar Schp. | Dev Purkayastha |
| 17 | 08004050 | Harsh Saruparia | Kumar and Susan Shah Schp. | Kumar and Susan Shah |
| 18 | 08010022 | Nitin Gupta | Subodh Ghonge Schp. | Subodh Ghonge |
| 19 | 08026020 | Sukhdeep Singh | Mr. G M Nabar Schp. | Prafulla Nabar |

| | | | | |
|----|----------|----------------------------|--|-------------------|
| 20 | 08005021 | Himanshu Agarwal | Subodh Ghonge Schp. | Subodh Ghonge |
| 21 | 08026006 | Bandarkar Prasad Prabhakar | H J Talsania Schp. | Abhay Talsania |
| 22 | 08002026 | Arpit Jain | Indira Manudhane Schp. | Avi Nash Mandhane |
| 23 | 08002024 | Sachin Agrawal | Chamanlal and Labhkunwar Kothary Schp. | Niraj Shah |
| 24 | 08512014 | Susmita Adhikari | Abraham Thomas Schp. | Abraham Thomas |
| 25 | 08d07039 | Vipul Chaidhary | Mr. Digambar & Neelima Schp. | |

List showing the names of the Post Graduate students recommended for IIT Bombay Heritage Fund Scholarships for the period from July 2008 to June 2009

| S.No. | Roll No. | Name of Student | Name of Scholarship |
|-------|----------|---------------------------------|---|
| 1. | 08007030 | Goyal Abhimanyu | M Radhakrishna Kamath Scholaship |
| 2. | 08d07010 | Raje Rohanil | California Scholarship |
| 3. | 08005052 | Harish Tummalacheria | California Scholarship |
| 4. | 08d10044 | Shubham Gupta | Shubhada Mulekar Joshi Scholarship |
| 5. | 08004056 | Awnish Kumar | S Ramaritam Scholarship |
| 6. | 08002047 | Harsh Dev Dhingra | Justin Bhansali Memorial Scholarship |
| 7. | 08d17003 | Rachit Srivastava | Justin Bhansali Memorial Scholarship |
| 8. | 05103002 | Vrinda Agrawal | Amrutha Iyengar Scholarship |
| 9. | 06002017 | Prabhu Venkatraman Radhakrishna | Anisbert & Kumarie Sequeria Scholarship |
| 10. | 08304021 | Saragh Bhandary | Prabhakar D Mahajan Scholarship |
| 11. | 08307015 | Bijesh R | Subha & Anand Talwalkar Scholarship |

These scholarships were paid in addition to the TAsHips awarded by the Institute for a period of 12 months. It may be noted that Subha & Anand Talwalkar Scholarship was paid at the rate of Rs. 2000/- per month. All other scholarships were paid at the rate of Rs. 1000/- per month.

B.2.1.3. Utilization of Funds

Amount paid for Scholarships

| No. of Scholarships | Scholarship amount per month | Period | Total Scholarship Amount (Rs.) |
|----------------------------|-------------------------------------|---------------------------------|---------------------------------------|
| 75 | Rs.1000 | 10 Months (July 08 to April 09) | 750,000 |
| 4 | Rs.1500 | 10 Months (July 08 to April 09) | 60,000 |
| 10 | Rs. 1000 | 10 Months (July 08 to April 09) | 1,00,000 |
| 13 | Rs. 1000 | 10 Months (July 08 to April 09) | 1,30,000 |
| 10 | Rs.1000 | 12 Months (July 08 to June 09) | 1,20,000 |
| 1 | Rs. 2000 | 12 Months (July 08 to June 09) | 24,000 |
| 113 | | | 11,84,000 |

B3. STUDENT DEVELOPMENT FUND

The following table shows the details of the amount currently available under the 'Student Development Fund' –

| S. No. | Particulars | Amount (Rs.) |
|--------|----------------------|---------------------|
| 1 | In Donation Account | 25,52,777.00 |
| 2 | In Endowment Account | 3,46,461.00 |
| | Total | 28,99,238.00 |

The following student activities were supported from the Student Development Fund –

| S. No. | Name of the Event | Number of Students Supported | Amount (Rs.) |
|--------|--|------------------------------|--------------------|
| 1 | Golden Jubilee Alumni Event | 2 | 1,29,340.00 |
| 2 | KAACK Event at Bengaluru | 3 | 10,500.00 |
| 3 | PAN – IIT Alumni Conference at IIT Chennai | 1 | 4,000.00 |
| | Total | | 1,43,840.00 |

B.3.1. Golden Jubilee Alumni event in New York in July 2008

| S. No. | Name of Student(s) | Department | Details of Visit | Amount (Rs.) |
|--------|--|-------------|---|-----------------|
| 1 | Mr. Deepak Sevtal (Roll No. 05D04008) | Civil Engg. | Attended the Golden Jubilee Alumni Conference from 18-07-08 to 20-07-08 at New York | 64,024 |
| 2 | Mr. Prashant Khandelwal (Roll No. 04D04007) | Civil Engg. | Attended the Golden Jubilee Alumni Conference from 18-07-08 to 20-07-08 at New York | 65,316 |
| | Total | | | 1,29,340 |

B4. LOAN SCHOLARSHIPS

B.4.1. Introduction

The Loan Scholarship Program or the Financial Aid Program (FAP – 81), initiated by the Class of '81, provides soft loans at minimal interest rates to needy students. This initiative is called the “*Financial Aid Program*”. The motto of FAP- 81 is “*To make IIT Education Financially Achievable*”. As per the tradition of IIT Bombay, the students of class of 1981 met on the campus in December 2006 for the Silver Jubilee Reunion and regaled in nostalgia. Following on the footsteps of several previous batches, they resolved to fund legacy projects including Student Scholarship. Thirty seven students of the class of 1981 donated over Rs 54 lakhs for FAP - 81. The donors constituted the FAP - 81 Committee and authorized it to implement the program.

The FAP - 81 scholarship is essentially a loan given by past students to the present students, who will repay it back with interest [and hopefully, generous donations] for the benefit of future students so as to keep the endowment perpetual and growing. The aid is given to fund tuition fees, mess bill, purchase of computers/ laptops, travel assistance for projects abroad and other miscellaneous needs of the students.

The FAP-81 (Financial Aid Programme) was launched at the end of July 2007 with a generous endowment of Rs. 54 lakhs from the class of 1981 to address this 10% of the student population. The programme has got excellent response from the student community from the time of its inception. In the first year 58 loan scholarships were disbursed. As word got around and the intake of students also increased, 2008 saw a significant increase in the quantum of students seeking loans. To illustrate in the last quarter alone (January to March) from over a hundred applications we interviewed and approved 89 loan requests. Of them 49 were loans for tuition and mess fees. 11 loans were approved only for tuition fees along with 1 only for mess fees and another for both tuition fee and a laptop loan. Finally 27 loans for laptops were also approved.

For an annual update - over 250 applications were received in 2008-09 and loans were disbursed to 207 students for an amount totaling Rs. 57,90,558.00. Of this, 84 loans were sanctioned for laptop, totaling Rs.30,05,000. There were 63 Mess loans for Rs 79,3881 and 56 tuition fee loans for an amount totaling Rs 17,71,677. Finally 4 loans were disbursed under 'other' category (examination fee, travel assistance etc) for an amount totaling Rs. 2,20,000.

Presently, the entire amount raised by the class of '81' has been exhausted. A personal donation of Rs. ten lakhs has been donated by Mr. Parween Napate to tide over the current cash flow crisis. Numerous applications are still pending and all possible options are being explored to raise more funds and ensure that this popular program remains sustainable. Appeals have been sent to the alumni community and the possibility of going back to the class of '81 for more funds is being explored.

Today, with 'FAP-81' loan scholarships son's and daughter's of tailors, petty traders & shopkeepers, housemaids, rickshaw drivers, daily wage earners, women headed households are gaining an IIT education and rewriting their own destinies. The FAP-81 endowment fund would like to continue its mission ensuring that no needy meritorious student is ever denied the chance of getting a successful education at IIT.

B.4.2. Financial Report

B.4.2.A. Funds received from Alumni through IITBHF

| Particulars | Year | Upto date | Amount US \$ | Amount (Rs.) |
|------------------------------|---------|-----------------------------|-----------------|--------------|
| USA Alumni (Class of '81) | 2008-09 | 31 st March 2009 | 53,512.59 | 21,60,313 |
| Alumni (Class of '81) | 2008-09 | 31 st March 2009 | -- | 44,05,722 |
| TOTAL | | | | 65,66,035 |

B.4.2.B. Utilization of Funds:

| S. No. | Purpose of the Loan | Number of Beneficiaries | Amount (Rs.) |
|--------|---------------------|----------------------------|-------------------|
| 1 | Tuition Fee | 56 | 17,71,677.00 |
| 2 | Mess Advance | 63 | 7,93,881.00 |
| 3 | Computer / Laptop | 84 | 30,05,000.00 |
| 4 | Others | 4 | 2,20,000.00 |
| | Total | 207 | 5790558.00 |

Details of Utilization of Funds in the year 2008-09:

The details of students who have availed the loans under this program are as follows:

i). Tuition Fee:

| S.No. | Name of Student | Roll no. | Amount (Rs.) |
|-------|----------------------|----------|--------------|
| 1. | Abhishek | 07927879 | 22050 |
| 2. | A.D. Naga V. Ramarao | 07528010 | 21126 |
| 3. | Aitha Pradeep Kumar | 07319804 | 18226 |
| 4. | Ajay Kumar Katiyar | 07927876 | 75726 |
| 5. | Akash Kaveti | 08D11014 | 33550 |

| | | | |
|-----|--------------------------|----------|--------|
| 6. | Aman Tripathy | 03408005 | 6926 |
| 7. | Amit Chhedha | 07927832 | 148226 |
| 8. | Amruta Chaudhari | 08331009 | 13650 |
| 9. | Anuj Sood | 08927826 | 71050 |
| 10. | A. Prem Kumar | 07D07040 | 4576 |
| 11. | Archana Mane | 08335403 | 37550 |
| 12. | Arnapurna Rath | 05408804 | 22226 |
| 13. | Ashwin Soni | 05D11006 | 21126 |
| 14. | Atul Seksaria | 07927839 | 164150 |
| 15. | Bejgamwar Gajanan | 07319801 | 7176 |
| 16. | Bharat Tak | 08001017 | 33550 |
| 17. | Bipin Kumar | 08103015 | 8550 |
| 18. | Dharmesh Kumar | 08530002 | 8550 |
| 19. | Ganesh Pawar | 07D11007 | 21050 |
| 20. | Gnyanendra Kumar | 06004025 | 48126 |
| 21. | Hukum Chand Meena | 06D10049 | 8550 |
| 22. | Hussain Bhukya | 08503028 | 8550 |
| 23. | Jitendra Wadhwani | 07304004 | 7176 |
| 24. | Kanchan Bahirat | 08307R10 | 13550 |
| 25. | Malli Vijay | 07506008 | 23126 |
| 26. | Mukesh Rajput | 08002033 | 25850 |
| 27. | Neeraj Sharda | 07007021 | 48126 |
| 28. | Nikhil Ashok Abhabg | 08D11026 | 33550 |
| 29. | Niraj Kumar | 08011039 | 33550 |
| 30. | Parijia Bilaye | 08532001 | 22050 |
| 31. | Parul Tongaria | 07927855 | 106976 |
| 32. | Prem Kumar | 07D07040 | 8650 |
| 33. | Rajaiah Pergu | 08530002 | 8550 |
| 34. | Rajesh Dupukuntla | 07305033 | 15000 |
| 35. | Rama Bhadra Rao | 07307R06 | 28226 |
| 36. | Ram Kumar | 04D02016 | 26126 |
| 37. | Ravi Ramadasu | 08005051 | 8550 |
| 38. | Rupesh Khare | 06411001 | 6926 |
| 39. | Sandip Joshi | 07319809 | 7176 |
| 40. | Sanji Kumar Shrivastava | 08532006 | 26325 |
| 41. | Sankara Prasad | 07319805 | 18226 |
| 42. | Santosh Meena | 05D02021 | 21126 |
| 43. | Shakti Singh | 08007045 | 16550 |
| 44. | Suneet Deshmukh | 07927833 | 148226 |
| 45. | Suresh CH VVS S Satya | 08307R22 | 13550 |
| 46. | Umesh Kumar | 08002053 | 8550 |
| 47. | U. Sreejith | 06427804 | 27976 |
| 48. | Vegitha Reddy | 03408004 | 6926 |
| 49. | Vijay Govardhan Doiphode | 08310054 | 13550 |
| 50. | Vijay Kumar Yannamala | 06011048 | 4450 |

| | | | |
|-----|---------------------|----------|---------------------|
| 51. | Vijay P. Meena | 06011015 | 21126 |
| 52. | Virendra Kumar Pasi | 07112007 | 4576 |
| 53. | Vishal Chhugani | 07927829 | 148226 |
| 54. | Yashovardhan Chati | 07D01011 | 52226 |
| 55. | Yogesh Kove | 08P99013 | 8550 |
| 56. | Y. Vijay Kumar | 06011048 | 4100 |
| | Total | | 17,71,677.00 |

ii). Mess Advance:

| S.No. | Name of Student | Roll no. | Amount (Rs.) |
|--------------|-------------------------|-----------------|---------------------|
| 1. | Abhishek Shukla | 07927879 | 45000 |
| 2. | A.D. Naga V. Ramarao | 07528010 | 14100 |
| 3. | Aitha Pradeep Kumar | 07319804 | 14000 |
| 4. | Aman Tripathy | 03408005 | 10000 |
| 5. | Amit Chheda | 07927832 | 14000 |
| 6. | Anil Kumar Davu | 08323012 | 10000 |
| 7. | Anup Hanamant Walrekar | 08528007 | 20650 |
| 8. | A. Prem Kumar | 07D07040 | 14100 |
| 9. | Arnapurna Rath | 05408804 | 10000 |
| 10. | Ashwin Soni | 05D11006 | 13100 |
| 11. | Bejgamwar Gajanan | 07319801 | 10000 |
| 12. | Bhanu Pratap Singh | 08305076 | 12000 |
| 13. | Donvan Jail Singh | 08323014 | 22525 |
| 14. | Donvan Jail Singh Nayak | 08323014 | 12000 |
| 15. | Doosa Venkatesh Doosa | 08004061 | 26550 |
| 16. | Ganesh Pawar | 07D11007 | 12100 |
| 17. | Gnyanendra Kumar | 06004025 | 16906 |
| 18. | Hariman Meena | 06010010 | 20650 |
| 19. | Jitendra Wadhvani | 07304004 | 10000 |
| 20. | Kiran K. | 07927808 | 45000 |
| 21. | Mallavarapu Vinay Kumar | 08007041 | 20650 |
| 22. | Malli Vijay | 07506008 | 12100 |
| 23. | Mamata Panda | 07408001 | 10000 |
| 24. | Manjunath Chinni | 08004068 | 8000 |
| 25. | Muhammed Sayeed | 07331010 | 10000 |
| 26. | Neeraj Sharda | 07007021 | 11100 |
| 27. | Pritesh Kumar Singh | 08532001 | 26325 |
| 28. | Rama Bhadra Rao | 07307R06 | 12000 |
| 29. | Ram Kumar | 04D02016 | 14100 |
| 30. | Rupesh Khare | 06411001 | 10000 |
| 31. | Sankara Prasad | 07319805 | 14000 |
| 32. | Santosh Meena | 05D02021 | 2500 |
| 33. | Sriram Vangara | 07927849 | 10000 |
| 34. | Suneet Deshmukh | 07927833 | 10000 |

| | | | |
|-----|--------------------------|----------|--------------------|
| 35. | U. Sreejith | 06427804 | 10000 |
| 36. | Vegitha Reddy | 03408004 | 10000 |
| 37. | Vijay Kumar Yannamala | 06011048 | 2000 |
| 38. | Vijay P. Meena | 06011015 | 12100 |
| 39. | Virendra Kumar Pasi | 07112007 | 10000 |
| 40. | Vishal Chhugani | 07927829 | 14000 |
| 41. | Vivek Kumar Singh | 08532007 | 26325 |
| 42. | Yashovardhan Chati | 07D01011 | 8000 |
| 43. | Abhishek | 07927879 | 8000 |
| 44. | Akash Kaveti | 08D11014 | 8000 |
| 45. | Archana Mane | 08335403 | 10000 |
| 46. | Arnapurna Rath | 05408804 | 10000 |
| 47. | Bharat Tak | 08001017 | 8000 |
| 48. | Bipin Kumar | 08103015 | 8000 |
| 49. | Dharmesh Kumar | 08530002 | 8000 |
| 50. | Hukum Chand Meena | 06D10049 | 8000 |
| 51. | Hussain Bhukya | 08503028 | 8000 |
| 52. | Mukesh Rajput | 08002033 | 8000 |
| 53. | Nikhil Ashok Abhabg | 08D11026 | 8000 |
| 54. | Niraj Kumar | 08011039 | 8000 |
| 55. | Parijia Bilaye | 08532001 | 8000 |
| 56. | Parul Tongaria | 07927855 | 10000 |
| 57. | Prem Kumar | 07D07040 | 8000 |
| 58. | Rajaiah Pergu | 08530002 | 8000 |
| 59. | Ravi Ramadasu | 08005051 | 8000 |
| 60. | Suresh C H VVS S Satya | 08307R22 | 10000 |
| 61. | Umesh Kumar | 08002053 | 8000 |
| 62. | Vijay Govardhan Doiphode | 08310054 | 10000 |
| 63. | Yogesh Kove | 08P99013 | 8000 |
| | Total | | 7,93,881.00 |

iii). Computer/ Laptop:

| S.No. | Name of Student | Roll no. | Amount (Rs.) |
|-------|------------------------|----------|--------------|
| 1. | Abdul Basheer | 08310022 | 35000 |
| 2. | Ajay Kumar Katiyar | 07927876 | 35000 |
| 3. | Allmin Ansari | 08307915 | 35000 |
| 4. | Aman Tripathi | 03408005 | 40000 |
| 5. | Amit Kumar Shah | 08330005 | 35000 |
| 6. | Amit Singhal | 04D04003 | 35000 |
| 7. | Anand Kumar | 07302007 | 40000 |
| 8. | Anil Kumar Ankammagari | 07304027 | 35000 |
| 9. | Ankit Rai | 07430309 | 40000 |
| 10. | Ashok Shaw | 08506012 | 35000 |

| | | | |
|-----|----------------------------|----------|-------|
| 11. | Avinash Nigam | 08302013 | 35000 |
| 12. | Balaji L. | 08304032 | 35000 |
| 13. | Balaji Lakavath | 08304032 | 25000 |
| 14. | Bhanu Pratap Singh | 08305076 | 35000 |
| 15. | Bholu Ram Yadav | 08318009 | 25000 |
| 16. | Brahmaiah Binginapalli | 08302002 | 35000 |
| 17. | Chawariya Dhanraj | 08304038 | 35000 |
| 18. | Chhabi Ram Matawle | 07311020 | 35000 |
| 19. | Divya Priya Balasubramani | 08304033 | 35000 |
| 20. | Ganesh Arunkumar Samdani | 08302001 | 35000 |
| 21. | Hariman Meena | 06010010 | 35000 |
| 22. | Jitendra Tiwari | 08302020 | 35000 |
| 23. | Kailash Sahoo | 08506013 | 35000 |
| 24. | Kalyan Ramdas Tanksale | 08335401 | 35000 |
| 25. | Krutiya Bharat Bhosale | 08318008 | 35000 |
| 26. | Kumar Ahir | | 60000 |
| 27. | Laxman Mutyam | 08323004 | 35000 |
| 28. | Mamta Panda | 07408001 | 40000 |
| 29. | Manan Pathak | 06002008 | 35000 |
| 30. | Mayank Jain | 07322009 | 35000 |
| 31. | M. Eshwara Rao | 07302010 | 10000 |
| 32. | Minal Sawant | 08331010 | 35000 |
| 33. | Mitesh Arun Shah | 07D10007 | 35000 |
| 34. | Mohammed Fazi | 08302029 | 35000 |
| 35. | Mohammed Alam | 07316008 | 35000 |
| 36. | Muhammed Sayeed | 07331010 | 35000 |
| 37. | Nabal Singh | 08310014 | 35000 |
| 38. | Naga Venkata Rajesh Mamidi | 07528010 | 35000 |
| 39. | Nallamolu Subrahmanyam | 08318012 | 35000 |
| 40. | Naveen Mandal | 05103016 | 35000 |
| 41. | Pavan Ananthanein | 08304022 | 35000 |
| 42. | Peda Rajesh Lingala | 08317003 | 35000 |
| 43. | Polu Ashok Kumar Reddy | 08319014 | 35000 |
| 44. | Poornachandra Uppaluri | 07305035 | 35000 |
| 45. | Pradeep Boddula | 08302003 | 35000 |
| 46. | Pritesh Kumar Singh | 08532001 | 35000 |
| 47. | Purushottam Meena | 08532001 | 35000 |
| 48. | Radhamohan Jena | 08317004 | 35000 |
| 49. | Rahul Bapuji Wadibharme | 08302030 | 35000 |
| 50. | Rajaiah Pergu | 08530002 | 35000 |
| 51. | Ramakrishna Bijjam | 08310010 | 35000 |
| 52. | Ramalingeswara Rao | 08117001 | 35000 |
| 53. | Ramanianeyulu Veeraboina | 08302010 | 35000 |
| 54. | Ramarao Kuraganti | 08310001 | 35000 |
| 55. | Ravindranadh Gunnam | 08307006 | 35000 |

| | | | |
|-----|--------------------------|----------|---------------------|
| 56. | Riyaj Ismiya Shaikh | 08633003 | 60000 |
| 57. | Rupesh Wandhare | 08307010 | 35000 |
| 58. | Sachin Vilas Randiv | 08307041 | 35000 |
| 59. | Sandeep Nimmakuri | 08305063 | 35000 |
| 60. | Sanjay Joshi | 08307R14 | 35000 |
| 61. | Sanjiv Kumar Shrivastava | 08532006 | 35000 |
| 62. | Sankari Appadu Maddu | 08302026 | 35000 |
| 63. | Sankar S. | 08319015 | 35000 |
| 64. | Sateesh Daggupati | 06402006 | 40000 |
| 65. | Sathwik Katta | 07304026 | 35000 |
| 66. | Satish Amiriseti | 08319003 | 35000 |
| 67. | Shanmuga Venkatesan | 08302005 | 35000 |
| 68. | Shripad Wachasundar | 83323408 | 35000 |
| 69. | Siva Ramakrishna Paladi | 08323016 | 35000 |
| 70. | Srinivas Rajaram | 08335007 | 35000 |
| 71. | Surya Alapati | 08317016 | 35000 |
| 72. | Suryanarayan Srikakulam | 08302028 | 35000 |
| 73. | Syam Sundar Potabattula | 08302025 | 35000 |
| 74. | Tapan Dey | 07319807 | 40000 |
| 75. | Uma Chintapali | 08317006 | 35000 |
| 76. | Vaibhav Bakshi | 08613005 | 60000 |
| 77. | Vanga Devendar Goud | 08403318 | 35000 |
| 78. | Vegitha Reddy | 03408004 | 40000 |
| 79. | Venkata Pavan | 07503007 | 35000 |
| 80. | Venkata Reddy | 08307008 | 35000 |
| 81. | Vijay Meena | 06011015 | 35000 |
| 82. | Vijendra Ramesh Gupta | 08310029 | 35000 |
| 83. | Vinod Sriram | 08302009 | 35000 |
| 84. | Vivek Kumar Singh | 08532007 | 35000 |
| | | | 30,05,000.00 |

iv). Others:

| S.No. | Name of Student | Roll no. | Amount (Rs.) |
|--------------|------------------------|-----------------|---------------------|
| 1. | Aman Pruthi | | 20000 |
| 2. | Munish Kumar Sharma | 06302025 | 100000 |
| 3. | N. Venkat | 05307033 | 25000 |
| 4. | Santosh Kumar Meena | 05D02021 | 75000 |
| | Total | | 2,20,000.00 |

IIT Bombay extends its gratitude to the Alumni in Class of '81 who have donated generously to make the Financial Aid Program possible and have extended assistance to bright and needy students for pursuing good quality education at the Institute.

B5 AWARDS

B.5.1. NITESH THAKOR EXCELLENCE AWARD FOR SCHOOL OF BIO SCIENCES & BIO - ENGINEERING

Mr. Nitesh Thakor, Professor, John Hopkins University, USA. (B.Tech. Elec. Engg. 1974) had instituted the Nitesh Thakor Excellence Award.

IIT Bombay Heritage Fund had transferred US\$ 2000 in July 2003, \$3000 in January 2004 and \$ 2,000 in March 2005 towards Endowment for Nitish Thakor Excellence Award in School of Bio-Sciences and Bio-Engineering. It was recommended that the award amount shall be utilized as research grant for a deserving student.

US \$ 2000 realised was Rs. 91,820. US \$ 3000 realised was Rs.1,35,200 and US \$ 2000 realised was Rs. 86,920.Total comes to US \$ 7,000 or Rs. 3,13,940.

The total amount was invested in a Fixed Deposit and the interest amount was utilized to give the award during the years 2004-05, 2005-06 and 2006-07.

The award was given to the PG student, **Mr. Tanneru Kumaraswamy** {Roll No. 07330801} for the year 2007-08.

B.5.2. DILIP R. LIMAYE ENDOWMENT FOR ACADEMIC EXCELLENCE AWARDS

Mr. Ryan Limaye had contributed a sum of US \$ 15000 to set up an endowment to award annual academic excellence award to the President of India Gold Medal winner of the graduating class. The annual academic excellence award will be called “Dilip R. Limaye Academic Excellence Award”. The amount for the award is Rs. 50000.

IIT Bombay Heritage Fund had transferred US\$ 15,000 in July 2003 and US\$ 5,940.61 in March 2005 for Dilip R.Limaye Excellence Award.

The amount (\$15,000) realized was Rs.6,88,650 and out of this, Rs. 50,000 was utilised for giving the Award for the year 2002-03. Balance amount of Rs.6,38,650 was invested in a Fixed Deposit. The amount (\$5,940.61) realized was Rs.2,58,186 and was invested in a Fixed Deposit.

Shri Dilip R.Limaye Academic Excellence Award for the year 2007-08 was awarded to B.Tech. student **Mr. Paidimarri Arun** {Roll No. 05007036}.

B.5.3. RAKESH MATHUR ENDOWMENT FOR ACADEMIC EXCELLENCE AWARD

Mr. Rakesh Mathur (Alumnus, B.Tech. ME, 1978) had contributed a sum of US \$ 161,000 to set up endowments to award 3 annual academic excellence awards. US \$ 60000 was meant to establish an endowment for one Annual Academic Excellence Award for outstanding research in the area of Applied Sciences. The award is given to a Faculty member or Research Scholar of IIT Bombay. The initial cash award is Rs. 1,50,000. The award is named as “Prof. S.C. Bhattacharya Award”.

US \$ 60000 was meant to establish an endowment for one Annual Academic Excellence Award for outstanding research in the area of Pure Sciences. The initial cash award is Rs. 1,50,000. The award is named as “Prof. H.H. Mathur Award”.

US \$ 41000 was set apart to establish an endowment for one Annual Academic Excellence Award for a UG student (B.Tech. or DD). The award is given to the student with the highest CPI at the end of 3rd year. The initial annual cash award was Rs, 1,00,000. The award is named as “Rakesh Mathur Excellence Award”.

IIT Bombay Heritage Fund had transferred US \$ 161,000 in July 2003 to set up Endowments for three Annual Excellence Awards. The amount realized was Rs. 73,91,510 and was invested in a Fixed Deposit Scheme. The three Annual Excellence Awards are as follows:

Endowment for Prof. S.C. Bhattacharya Award - \$ 60,000 (Rs. 27,54,600)
Endowment for Prof. H. H. Mathur Award - \$ 60,000 (Rs. 27,54,600)
Endowment for Rakesh Mathur Excellence Award - \$ 41,000 (Rs. 18,82,310)

Prof. H. H. Mathur Excellence Award in Applied Sciences instituted by Mr. Rakesh Mathur to Prof. (Ms.) Chandra Venkataraman, Chemical Engineering Department, in recognition of her outstanding research contributions in the area of Aerosol Science and Technology, which specially addresses Atmospheric Aerosols and Climate.

Also, **Prof. S.C. Bhattacharya Award for Excellence in Pure Sciences** was awarded to Prof. Sambasivarao Kotha, Chemistry Department, in recognition of his outstanding research contributions in the area of 'Expanding the diversity of unusual amino acid derivatives and polycyclic aromatics through strategic utilization of contemporary transition-metal-catalyzed transformations'.

Rakesh Mathur Excellence Award has been awarded to B.Tech. student Mr. L. S. V. Tapovna {Roll No. 06010042} of Mechanical engineering dept. of 2006-07.

C. FACULTY DEVELOPMENT

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C.1. CHAIR PROFESSORSHIPS

Chair Professorships are distinguished academic positions of the Institute and are conceived as an academic honour to recognize outstanding teaching and research achievements of the permanent faculty. They can also be used to attract outstanding academicians to join the Institute from outside. Chairs are supported by endowments created from donations to the Institute.

Establishment of new Chair Professorships is essential for IIT Bombay to attract and retain high quality research Faculty, which are one of the key elements required to fulfill the goal of the Institute to be a leading International Research University. Chairs will also lead to the establishment of new areas of specialization through the recruitment of accomplished researchers in specific fields of study.

The endowment for a Chair is currently Rs. 60 lakhs. Interest from the endowment is used to meet expenses of the Chair, which include a monthly honorarium and contingency expenses. The salary of the Chair Professor and all other benefits (housing, medical etc.) are borne from Institute funds. Donors will have the prerogative of naming the Chairs. The broad area of specialization for instituting the Chair may also be specified by the donor. The list of presently existing Chairs at IIT Bombay is as follows:

1. G K Devrajulu Chair
2. Romesh Wadhvani Chair
3. S M Nilekani Chair
4. Major Bhagat Singh Rekhi Chair
5. J R Isaac Chair
6. Shailesh Mehta Chair
7. Vijay & Sita Vashee Chair
8. Madhuri Sinha Chair
9. Dhrumil Gandhi Chair
10. L & T Chair
11. MHRD IPR Chair
12. D L Shah Trust Chair
13. Kamalnayan Bajaj Chair
14. Rahul Bajaj Chair
15. Ramkrishna Bajaj Chair
16. Bajaj Group Chair
17. Pramod & Parimal Chaudhari Chair
18. Praj Industries Chair
19. Forbes Marshall Chair
20. ICICI Chair
21. P.K. Kelkar Chair

A detailed description of the Chairs in the Department of Computer Sciences and Engineering, Shailesh J. Mehta School of Management and School of Bio Sciences and Engineering is given below.

C.1.1. Chair Professorships in CSE Department

C.1.1.1. Vijay & Sita Vashee Chair Professor – This Chair has been instituted from an endowment by Dr. Vijay Vashee {Alumnus, B.Tech. (Elec. Engg.), 1975} to promote academic excellence in Computer Science and Engineering. **Prof. Krithivasan Ramamritham** has been appointed the Vijay and Sita Vashee Chair Professor from July 2003.

Financial Statement:

1. Vijay Vashee Fellowship -

1. Details of donation received:

| Donor | Purpose | Amount (in Rs.) |
|--------------|---|-----------------|
| Vijay Vashee | Endowment for Vijay and Sita Vashee Chair | 85,15,500 |

C.1.1.2. James R. Isaac Assistant Professor Chair: This Chair is occupied by **Prof. Ashwin Gumaste** and has been created from funds given by Mr. Vincent Fernandes. The name of the Endowment is “Vincent Fernandes Fellowship”.

1. Vincent Fernandes Fellowship -

1. Donation received through IITBHF:

| Donor | Purpose | Date of receipt | Amount US \$ | Amount (in Rs.) |
|-------------------|---|--------------------------------|--------------|-----------------|
| Vincent Fernandez | Endowment for Prof. J. R. Isaac Chair Asst. Prof. and 2 fellowships | 30 th October, 2001 | 244,058.60 | 1,16,73,348 |

C.1.1.3. Mr. Bhagat Singh Rekhi Chair Endowment: The Chair is yet to be appointed. Based on discussions with Mr. Kanwal Rekhi, the funds are being utilized, until the Chair can be filled, to host distinguished visitors to the Department.

C.1.1.4 S.M. Nilekani Chair Professor – This Chair is occupied by **Prof. D. B. Phatak**.

1. Donations received from Mr. Kanwal Rekhi through IITBHF

| Particulars | Date of receipt | Amount US \$ | Amount Rs. |
|------------------------|-------------------------------|--------------|------------|
| Mjr.Bhagat Singh Chair | 2 nd December 2000 | 130,468 | 60,81,538 |

C.1.2. Chair Professorships in School of Management

A total amount of US \$ 1476224 (Rs. 6,89,99,968 or approximately Rs. 69 million) has been received from Dr. Shailesh J. Mehta {Alumnus, B. Tech. (Mech. Engg.) 1971} towards creating Endowment funds at IIT Bombay.

A corpus allocation of Rs. 70,00,000 has been made for Shailesh Mehta Chair. However, currently no expenditure is being incurred as none is occupying this Chair at this time.

C.1.3. Chair Professorships in School of Bio Sciences and Engineering

C. 1. 3. 1. Introduction

Dr. Krishna K. Sinha, Clinical Professor of Medicine, University of Colorado, Denver, has donated funds {through IIT Bombay Heritage Fund} for creating the Madhuri Sinha Chair in the School of Bio Sciences and Bio Engineering at IIT Bombay.

The Institute has appointed Dr. Chaukar and Dr. Lokhandwala as Adjunct Professors on the Madhuri Sinha Chair. The School of Biosciences and Bioengineering has been considerably enriched by the association of the two professors jointly appointed as the “*Madhuri Sinha Chair Professors*”. Initially, their appointment was for two years, and has been extended for two years at the expiry of the term.

In a unique model, IIT decided to get two professors to fill one chair on a half-time basis each, so that the incumbents could still retain their clinical/surgical practice and also contribute to the academic activities of IIT Bombay’s Bioschool. They have participated in the teaching, research, and corporate activities of the Bioschool over the past years since their formal appointment. Due to reduction in accruals from the corpus, in future years we will be continuing with only one faculty on this chair and transfer the other to the Institute account.

Dr. Chaukar has been successful in actively forging collaborative research efforts on “Non-invasive near infra red light sensor for blood glucose monitoring” with Prof. Gargi Vishnoi and obtained the final year installment from the donor. He also actively worked as a catalyst for getting the research grant (Total Rs. 10 lacs) for “oil based surfactant”. The second installment has been received by Prof. Rinti Banerjee.

Dr. Lokhandwala has taught various courses and has guided many M.Tech/ PhD. students in the School of Bio Sciences and Engineering. Thus, both these Professors have heightened IIT’s interaction with Hospitals, assisted students and faculty and helped to obtain funds for research. As such, their involvement with the Institute has been very valuable.

Dr. Yash Lokhandwala has been conferred a number of academic honors including Hargobind Medical Fellowship in 1994, Commonwealth Scholarship in 1994, Berry International Scholarship in 1994, Best Doctor of KEM Hospital award in 2000 and Marine Lines JC award for outstanding young person of Mumbai 2000.

C. 1. 3. 2. Financial Statement:

C.1.3.2.A. Funds Received through IITBHF

| Donor | Year | Date of receipt | Amount US \$ | Amount Rs. |
|-------------------|-------------|------------------------|---------------------|-------------------|
| Dr. Krishna Sinha | 2002 | 8th March, 2002 | 58,000 | 28,22,280 |
| Dr. Krishna Sinha | 2003 | 13th March, 2003 | 42,000 | 19,90,800 |
| TOTAL | | | 100,000 | 48,13,080 |

C.1.3.2.B. Utilization of Funds

Expenses incurred towards the Chair Professorship in the year 2007-08 and 2008-09 --

| Name of the Chair Professor | Date & Period of appointment | Consolidated salary per month (Rs.) | Total salary for the year 2007 - 09 (Rs.) |
|------------------------------------|---|--|--|
| Prof. Yash Lokhandwala | 12-07-07 – 11-07-09 | 8,000 | 1,92,000 |

C.2. FACULTY DEVELOPMENT FUND (through IITBHF)

C.2.1. Introduction

The contributions made by the Alumni for Faculty Development Fund have made a very significant impact on the research activities of the Faculty members of the Institute. This fund is used by Faculty members essentially for international travel related to professional pursuits and dissemination of R&D results.

C.2.2. Utilization of Funds

The following Faculty members were given travel assistance from the Faculty Development Fund for the year 2008 –

| S. No. | Name of Faculty | Department | Details of Visit | Amount (Rs.) |
|--------|----------------------------|------------|---|--------------|
| 1 | Prof. J.Venkateswaran | IE & OR | Participation in the IEEE International Conference on Industrial Engg. & Engg. Management held at Singapore during 2 – 5 Dec. 2007 | 18,038.00 |
| 2 | Prof. A. R. Bhattacharya | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 3 | Prof. Prita Pant | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 4 | Prof. Jhumpa Adhikari | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 5 | Prof. Rajdip Bandopadhyaya | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 6 | Prof. M. Senthil Kumar | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |

| S. No. | Name of Faculty | Department | Details of Visit | Amount (Rs.) |
|---------------|-------------------------|-------------------|--|---------------------|
| 7 | Prof. Subhabrata Dhar | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 8. | Prof. Sameer Sapra | MEMS | Participation in the 3 rd Materials Research Society Conference on Advanced Materials held at Singapore on 25 th – 27 th February 2008 | 25,000.00 |
| 9 | Prof. Ajit Srividya | Reliability | Participation in the International Conference on Software Knowledge Information Management & Application (SKIMA '08) held at Kathmandu during 18 th – 21 st March 2008 | 51,613.00 |
| 10 | Prof. A.K. Verma | Reliability | Participation in the International Conference on Software Knowledge Information Management & Application (SKIMA '08) held at Kathmandu during 18 th – 21 st March 2008 | 51,963.00 |
| 11. | Prof. Prasenjit Ghosh | Chemistry | Participation in 23 rd International Conference on Organometallic Chemistry (ICOMC '08) held at Universite de Rennes 1, France during 13 th – 18 th July 2008 | 1,00,000.00 |
| 12. | Prof. S. K. Gupta | CESE | Participation in the International Conference on “Remediation of Chlorinated & Recalcitration Compound” held at Monterey, California during 19 th – 22 nd May 2008 | 1,00,000.00 |
| 13. | Prof. N.K. Chandiramani | Civil Engg. | Participation in the ESM – 2008 – The Mechanics Conference at Virginia during 29 th – 30 th May 2008 | 1,20,000.00 |
| 14. | Prof. S. D. Jog | Mechanical Engg. | Participation in the IRONIX – GLOBAL EVENT CONSULTING Uniprda | 26,344.00 |
| 15. | Prof. Sudarshan | Aerospace Engg. | | 69,703.00 |
| 16. | Prof. Sambasiva Rao | Chemistry | Participation in Conference in USA | 55,000.00 |
| 17. | Prof. K. Ramamritham | CSE | Participation in Conference in Kellogg School of Management, USA | 5,30,672.00 |
| 18. | Prof. D.V. Pawaskar | Mechanical | Visit to Seattle, USA during 11 th – 15 th Nov. 07 | 40,178.00 |

| S. No. | Name of Faculty | Department | Details of Visit | Amount (Rs.) |
|--------|--|--|---|---------------------|
| 19. | Prof. Pradipta Banerji | Civil | Visit to Thailand for SATU Steering Committee Meeting | 4909.00 |
| 20. | Prof. S. K. Maiti Prof. Dulal Panda Prof. D. Manjunath Prof. Swati Patankar Prof. Arup R. Bhattacharya | Mechanical SBB EE SBB MEMS | Visit of Monash University, Australia during 8 th – 12 th Sept. '08 (Visa Fees & Insurance) | 3,16,355.00 |
| 21. | Prof. S. D. Jog | Mechanical | Participation in the International Conference on Advanced Computational Engg & Experimenting, ACE – X 2008 during 14 th – 15 th July'08 | 70,917.00 |
| 22. | Prof. Pradipta Banerji | Civil | Visit to Singapore and Australia during 6 th – 28 th May'08 | 1,39,943.00 |
| | Total | | | 18,70,635.00 |

a). Total Amount Available in year 2008

| | |
|-------------------------------------|---------------------------|
| Balance in year 2006 | = Rs. 13,82,267 |
| Amount received from IITBHF in 2007 | = Rs. 21,35,527 |
| Amount received from IITBHF in 2008 | = nil |
| Total Funds Available | = Rs. 35,17,794.00 |

b). Total Expenditure incurred during the year 2008 = Rs. 18,70,635.00

Balance in 2008-09 = **Rs. 16,47,159.00**

3. Remarks

IIT Bombay deeply appreciates the efforts of IITBHF in raising funds for Faculty Development Fund.

C.3. ENDOWMENT - FACULTY DEVELOPMENT FUND (Class of '87)

C.3.1. Introduction

The Class of '87 had started a fund collection drive at the time of their tenth year re – union. The funds were targeted at Faculty Development. Funds were raised in India and US. The statement below gives the current position of the Endowment.

C.3.2. Activity Report

It was decided by the representatives from the Class of '87 that the endowment fund for Faculty Development would be utilized as per the following guidelines. The responsibility for selecting the Faculty for extending assistance has been entrusted to the Institute Advisory Committee constituted for purposes of examining requests for assistance to present papers at International Conferences.

Guidelines for Utilization of Funds:

1. The funds would be used for travel by young Faculty for presenting papers in International Conferences/ Seminars/ Symposia.
2. The term “Young Faculty” is used to cover full time Faculty up to and inclusive of Assistant Professors, who have joined the Institute preferably during the preceding two years.
3. Full actual round trip airfare should be covered under this assistance.
4. It should be possible to assist at least two (and possibly more) Faculty depending upon the conference venues, taking into account the fact that annually around Rs. 1.3 lakh is expected to be available.
5. Any unutilized amounts are to be carried forward to next year.
6. In case the guidelines indicated above do not cover all eventualities, the Committee may use additional criteria/ norms as deemed appropriate.

C.3.3. Financial Report

C.3.3.A. Funds received from alumni in US through IITBHF and Alumni in India:

| Particulars | Year | Date of receipt | Amount US \$ | Amount (Rs.) |
|--------------------|-------------|------------------------|-------------------------|---------------------|
| Alumni in US | 2000 | 26th April, 2000 | 26,115.28 | 11,37,059 |
| Alumni in India | 1997 -98 | | 0 | 2,37,101 |
| Total | | | 26,115.28 | 13,74,160 |

The amount has been invested in a Fixed Deposit and the interest earned is being transferred to Faculty Development Fund.

C4. ENDOWMENT – EXCELLENCE IN TEACHING AWARDS

C.4.1. Introduction

The ‘Excellence in Teaching Award’ was approved by the Senate in its 136th meeting held on 4th December 1996 with a provision for 8 awards every year. The 8 awards recommended were among the following lines:

| | | |
|--|---|---|
| Common core courses (B. tech. Program) | - | 2 |
| Departmental B. Tech. Programs | - | 3 |
| Post Graduate Programs | - | 2 |
| M. Sc. Programs | - | 1 |

The award process has been fully streamlined and these awards have come to be highly valued by the Faculty. The procedure of selection of these awards is as follows:

- Questionnaire for student feedback for identification of the Faculty for Excellence in Teaching Awards is given to all passing out students
- Faculty involvement is minimal except as the Convener of Staff/ Student Committees for conducting the assessment
- Acquisition of the feedback form from the students and calculation of the scores
- Review by a committee consisting of the Dean - Academic Program, Dean - Faculty, two Heads of the Departments and two student representatives
- Feedback from the Alumni (if feasible)

C.4.2. Awards Ceremony

The **Teachers’ Day celebrations** of the Institute in the year of Golden Jubilee were held on September 5, 2008. **Mr. N.R. Narayan Murthy**, Mentor for Infosys was the Chief Guest for the occasion and presented the Excellence in Teaching Awards and Dr. P.K. Patwardhan Technology Development Award. The Award consists of a cash award of Rs. 20001 each and a certificate. Students introduced their Professors and highlighted their achievements and most memorable moments in the Institution. The **P.K. Patwardhan Technology Development Award** was presented to **Prof. Prof. S.S. Joshi** of **Mechanical Engineering Department** for developing Tool based Micro machining for the Development of micro – components or features. The value of the award was Rs. 10000/-.

The Excellence in Teaching Awards were conferred on the following Faculty members –

| S.No. | Name of Faculty | Name of Department | Amount (Rs.) |
|--------------|---------------------------|---|--------------------|
| 1. | Prof. P.V. Balaji | School of Bio Sciences and Bio Engineering | 20,001.00 |
| 2. | Prof. Pradipta Banerji | Civil Engineering | 20,001.00 |
| 3. | Prof. Parag Bhargava | Metallurgical Engineering and Materials Science | 20,001.00 |
| 4. | Prof. Dibyendu Das | Physics | 20,001.00 |
| 5. | Prof. Sanjay Mahajani | Chemical Engineering | 20,001.00 |
| 6. | Prof. Neela Natraj | Mathematics | 20,001.00 |
| 7. | Prof. V.S. Raja | Metallurgical Engineering and Materials Science | 20,001.00 |
| 8. | Prof. Sharmila Sreekumar | Humanities and Social Sciences | 20,001.00 |
| 9. | Prof. Seshu S. Pasumarthy | Mechanical Engineering | 20,001.00 |
| 10. | Prof. Sunder Viswanathan | Computer Science and Engineering | 20,001.00 |
| Total | | | 2,00,010.00 |

C.4.3. Financial Report:

C.4.3.A. Funds received:

| Particulars | Year | Date of receipt | Nature of Fund | Amount US \$ | Amount Rs. |
|---------------|------|-------------------|----------------|---------------|------------------|
| Alumni IITBHF | 1997 | September 9, 1997 | One time | 1,500 | 52,376 |
| Alumni IITBHF | 1999 | October 18, 1999 | One time | 1,500 | 64,860 |
| Alumni IITBHF | 2001 | March 28, 2001 | Endowment | 20,000 | 9,28,472 |
| Total | | | | 23,000 | 10,45,708 |

C.4.3.B. Utilization of Funds:

a). Total Amount Available in year 2008

Balance at the end of year 2007 = Rs. 9,28,472.00

b). Total Expenditure incurred during the year 2008 = 2,00,010.00

Balance = **Rs. 7,28,462.00**

5. Remarks - IIT Bombay deeply appreciates the efforts of IITBHF for creating an Endowment Fund to support the “Excellence in Teaching Awards” at the Institute. This important initiative will go a long way in promoting and sustaining “Excellence in Teaching” in IIT Bombay.

C5. FACULTY HOUSING PROJECT – Class of ’77 Initiative

C. 5. 1. Introduction

The Class of ’77 had donated Rs. 46,63,310 towards the purpose of building houses for Faculty of the Institute. After encountering numerous difficulties, the project was finally completed in the year 2006 and the Faculty were allotted housing in the newly constructed building.

A view of the new Faculty Building near Sameer



IIT Bombay deeply appreciates the Alumni from the Class of 1977 who have donated generously so as to enable the construction of the Faculty Building in the Institute.

C6. ENDOWMENT – YOUNG FACULTY JOINING BONUS (Class of '82)

C.6.1. Introduction:

The “Young Faculty Joining Bonus”, a Class of '82 Legacy Project, came into being on July 7, 2007 when the Alumni met the senior IITB Professors in the PAN – IIT meeting in Silicon Valley. The legacy project focuses on supporting young Faculty in their academic pursuits for the following reasons –

- Attracting good young Faculty to replace retiring Faculty and to augment current Faculty is a key element for IIT to maintain its long term competitiveness
- IIT is increasingly competing with private engineering colleges who have more latitude with their higher pay scales
- While IIT can never match Industry pay scales, a small “delta” during the initial years helps the Faculty and their family and shall make IITB more competitive compared to other Academic Institutes, thus making a tremendous impact in the long term
- IITB’s experience indicates that once Faculty members join IIT, they rarely quit. Hence, supporting the recruitment of junior Faculty can also help boost IIT’s chances of recruiting the best talent
- The Alumni supporting this Legacy Project have envisaged to create a Corpus which would grant Rs. 1 lakh per year for up to 3 years to the recruited Assistant Professor. The Alumni of Class of '82 received an overwhelmingly positive response for this initiative.

C.6.2. Utilization of Funds:

The details of young faculty who have been awarded the “joining bonus” in the year 2008-09 are as follows:

| S. No. | Name of the Faculty | Department | Amount (Rs.) |
|---------------|----------------------------|-------------------|---------------------|
| 1 | Prof. Rahul Patil | SJMSoM | 100,000.00 |
| 2 | Prof. Anirban Guha | Mechanical | 100,000.00 |
| 3 | Prof. Ramesh Singh | Mechanical | 100,000.00 |
| 4 | Prof. Subimal Ghosh | Civil | 100,000.00 |
| 5 | Prof. Dinesh Sharma | SJMSoM | 100,000.00 |
| 6 | Prof. Pankaj Dutta | SJMSoM | 100,000.00 |
| 7 | Prof. Anand B. Rao | CTARA | 100,000.00 |
| 8. | Prof. Indrajit Mukherjee | SJMSoM | 100,000.00 |
| 9 | Prof. Varadraj B. Bapat | SJMSoM | 100,000.00 |
| 10 | Prof. Sauvik Banerjee | Civil | 100,000.00 |

| S. No. | Name of the Faculty | Department | Amount (Rs.) |
|---------------|-----------------------------|-------------------|---------------------|
| 11. | Prof. Rajakishore Nath | HSS | 100,000.00 |
| 12. | Prof. Azizuddin Khan | HSS | 100,000.00 |
| 13. | Prof. Sarmistha Pattanaik | HSS | 100,000.00 |
| 14. | Prof. Suryendu Dutta | Earth Sciences | 100,000.00 |
| 15. | Prof. Rajesh Gupta | Energy Systems | 100,000.00 |
| 16. | Prof. Rajbabu Velmurugan | Elec. Engg. | 100,000.00 |
| 17. | Prof. Puja Padhi | HSS | 100,000.00 |
| 18. | Prof. Mira Mitra | Aerospace Engg. | 100,000.00 |
| 19. | Prof. K.S. Mallikarjuna Rao | IE & OR | 100,000.00 |
| 20. | Prof. Sivli Mukhopadhyay | Mathematics | 100,000.00 |
| 21. | Prof. Samir Maji | Bio Sciences | 100,000.00 |
| 22. | Prof. Subhabrata Dhar | Physics | 100,000.00 |
| 23. | Prof. Debraj Chakraborty | Elec. Engg. | 100,000.00 |
| 24. | Prof. Santanu Kumar Ghosh | Bio Sciences | 100,000.00 |
| 25. | Prof. Ramesh Bairy T.S. | HSS | 100,000.00 |
| 26. | Prof. Suvarn S. Kulkarni | Chemistry | 100,000.00 |
| 27. | Prof. Sagar Mitra | Energy Science | 100,000.00 |
| 28. | Prof. Ganesh A. Viswanathan | Chemical Engg. | 100,000.00 |
| 29. | Prof. Sanjeeva Srivastva | Bio Sciences | 100,000.00 |
| 30. | Prof. Subhankar Karmakar | CESE | 100,000.00 |
| | | Total | 30,00,000.00 |

It is hoped that the project will have an immediate impact on IIT Bombay's hiring success. It targets young faculty who would be the future leaders of IIT Bombay. The Institute deeply appreciates the generous donations extended by the Alumni through this Legacy Project.

C7. RESEARCH AWARDS

The Research Awards were conferred on outstanding faculty members of IIT Bombay on the occasion of the **Foundation Day** on March 12, 2009. The Chief Guest Dr. Anil Kakodkar, Chairman, Board of Governors, IIT Bombay, presented the Research Awards.

C.7.1. Prof. H.H. Mathur Excellence Award in Applied Sciences:

Prof. H. H. Mathur Excellence Award in Applied Sciences, instituted by Mr. Rakesh Mathur, was conferred on Prof. (Ms.) Chandra Venkataraman, Chemical Engineering Department, in recognition of her outstanding research contributions in the area of Aerosol Science and Technology, which specially addresses Atmospheric Aerosols and Climate.

C.7.2. Prof. S.C. Bhattacharya Award for Excellence in Pure Sciences:

Prof. S.C. Bhattacharya Award for Excellence in Pure Sciences was awarded to Prof. Sambasivarao Kotha, Chemistry Department, in recognition of his outstanding research contributions in the area of 'Expanding the diversity of unusual amino acid derivatives and polycyclic aromatics through strategic utilization of contemporary transition-metal-catalyzed transformations'.

C.7.3. Suhas Pai Faculty Award:

Suhas Pai has donated \$ 22,000 for an endowment for this Faculty award. He has requested that the award may be given based on the following conditions --

1. Any faculty member working in inter-disciplinary research area
2. The inter-disciplinary concept should be either:
 - a. deployed in the field
 - b. or paper published
 - c. or patent granted
3. If there is more than one faculty member working on the concept, the award should be distributed among them such that –
 - a. The lead person gets 50% of the award
 - b. The other 50% gets distributed among “support” faculty members identified by the lead person with his/her recommendation on how the money should be distributed
 - c. If it is a “solo” effort, the entire award should go to that faculty member

D. INFRASTRUCTURE DEVELOPMENT

D1. CONVENTION CENTRE

The construction of Convention Centre commenced on July 18, 2007. The work order amount is Rs. 19.47 crores.

The Convention Center will house the following facilities:

300 Capacity Lecture Hall – 1

150 Capacity Lecture Halls - 6

40 Capacity Lecture Halls - 10

Other supporting facilities will include VIP Lounge, Conference Hall, Cafeteria, and Pantry. The building will also house some laboratories from the Civil Engineering Department that were part of the ‘Civil Annexe’ building which was razed to locate the Convention Center.

Proposed Design of Convention Center



Following is the table showing the progress of the construction work with regard to this project –

| Period | Major Milestones Targeted | Estimated Cost of work | Stage of Construction Achieved | Actual cost of work executed (as per bills submitted) |
|--------------------|--|---|--|--|
| July 07 – Sept 07 | Mobilization, setting out, excavation work | | Prolonged monsoon and severe rains slowed down the work | |
| Oct 07 – Dec 07 | Completion Foundation Stage | Estimated Amount Rs. 100 Lakhs | Foundation work completed except auditorium section | Gross Bill Amount = Rs. 84.98 Lakhs |
| Jan 08 – Mar 08 | Basement Roof and Super Structure work for 1 st and 2 nd floor slabs | Estimated cost = Rs. 450 Lakhs | Basement roof in progress and super structure work for 1 st and 2 nd floor slabs partly completed | Gross Bill Amount = Rs. 281 lakhs (cumulative) |
| Apr 08 – June 08 | Super Structure Work for 3 rd & 4 th slab | Estimated cost = Rs. 450 lakhs | Work on 4 th floor and Auditorium Roof slab under progress. Sub station framework completed. | Rs. 580 lakhs (Cumulative) |
| July 08 – Sept. 08 | Super Structure RCC framework upto Roof Slab | Estimated cost = Rs. 300 Lakhs | Work on 5 th floor slab under progress and Auditorium Roof Slab near completion. Sub stage station super structure completed | Rs. 710 Lakhs (Cumulative) |
| Oct. 08 – Dec. 08 | Completion of Masonry, plaster and waterproofing | Estimated cost = Rs. 300 Lakhs | RCC framework completed, Masonry work in progress, Doors, windows, and flooring materials at the various stages of procurement and delivery. | Rs. 950 Lakhs (Cumulative) |
| Jan 09 – Mar 09 | Electrical, Flooring, Doors, windows, glazing, Internal Finishes | Estimated cost = Rs. 350 Lakhs [Cumulative amount = Rs. 1750 Lakhs] | Masonry and plaster work in progress, Doors, windows and flooring materials at various stages of procurement and delivery. | Rs. 1050 Lakhs (Cumulative) |

The delay in project completion has been attributed to the deficiencies from Contractor as well as Architects. The Project is not expected to get completed by December 2009.

D2. GYMKHANA PROJECT

Students Gymkhana – Phase I at IIT Bombay will consist of construction of Indoor Stadium and Olympic size swimming pool.

Indoor Stadium: The multi purpose stadium can be used to host tournaments in Basketball, Volley Ball, Badminton and Table Tennis. It shall have a seating capacity for 1500 spectators. It will have a small stage and can also be used for cultural programs.

Swimming pool shall be of Olympic size (50 M X 25 M). It will have a filtration system using Ozone treatment, In addition to the main pool, a paddling pool shall be provided for children and beginners (15 M X 10 M).

The Project Architects are Shashi Prabhu & Associates and the Contractors are Advance Construction Pvt..Ltd. The work order amount was Rs. 17.14 crores. Work commenced on the project on Oct. 7, 2007. The Table showing the progress made with regard to the construction of the Gymkhana is given below --

| Period | Mile stones targeted | Estimated Cost | Stage of Construction achieved | Actual cost of work executed |
|-------------------|---|--|--|---|
| Oct 07 – Dec 07 | Indoor Stadium: foundations & columns below plinth 50% completed. Swimming Pool: Excavation complete, Raft foundation under progress | | Indoor Stadium: foundations & columns below plinth 50% completed. Swimming Pool: Excavation complete, Raft foundation under progress | |
| Jan 08 – Mar 08 | Indoor Stadium: work upto plinth floor Swimming Pool: Raft , Walls & Filtration plant RCC work complete | Estimated work amount = Rs. 350 Lakhs | Indoor Stadium: foundations & columns below plinth 60% completed. Swimming Pool: Raft , Walls & Filtration plant excavation work complete | Gross Bill Amount Rs.154 Lakhs (Cumulative) |
| April– June 08 | Work upto plinth floor | 125 Lakh | Columns superstructure in progress | Rs. 135 Lakhs (Cumulative) |
| July 08 – Sept 08 | Completion of Indoor stadium Super Structure and Structural Steel Roofing | 150 Lakhs | RCC superstructure framing & Stadium Tiers under progress | Rs. 205 Lakhs (Cumulative) |
| Oct 08 – Dec – 08 | Masonry, Plaster and plumbing work | 350 Lakhs | Roof truss fabrication, Masonry and Plumbing work in progress | Rs. 450 Lakhs (Cumulative) |
| Jan 09 – Mar 09 | Interior Finishes, Painting, Polishing | 350 Lakhs [Cumulative = Rs.1100 Lakhs] | Roof trusses erected, Plastering, Tiling and Plumbing work is in progress | Rs. 550 Lakhs (Cumulative) |

Financial Report

| | |
|-----------------------------|---------------------|
| Funds Received (from India) | Rs. 19,75,000.00 |
| Expenditure | 9,14,955.00 |
| Balance | 10,60,045.00 |

Proposed Gymkhana Grounds



Swimming Pool overflow channel work in progress Actual work photograph taken on March 15, 2008



Indoor Stadium Roof Truss erected - Actual work photograph taken on March 31, 2009



Brick work, Plumbing work for Indoor Stadium in progress - Actual work photograph taken on March 31, 2009.

Note : Along with the Indoor Stadium work, the contractor has completed Tiling work for Swimming Pool and work on Filtration plant and Deck Flooring is in progress.

D3. SHENOY DESIGN STUDIO

A donation of US\$ 1,00,000{Rs.46,23,421} has been received from Mr. Sudhakar & Mr Suresh Shenoy for the construction of a Design Studio in the Industrial Design Center of the Institute. This Studio shall be named "*Shenoy Innovation Studio*".

SUMMARY OF CONSTRUCTION SCHEDULE

Expenditure incurred till 31st march 09 was Rs 46,23,421 and the construction is expected to be completed by the end of November 2009.

E. CLASS PROJECTS

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E1. ENDOWMENT – HOSTEL MAINTENANCE (Class of '72)

The Alumni from the “Class of '72” have set up an endowment fund for Hostel maintenance through Alumni donations.

Funds received from Alumni through IITBHF and Alumni in India

| Particulars | Year | Date of Receipt | Amount US \$ | Amount (Rs.) |
|--------------------|-------------|-----------------------------|---------------------|---------------------|
| Alumni IITBHF | 1998 | 22 nd Sept 98 | 22,000 | 9,30,380 |
| Alumni IITBHF | 1999 | 18 th October 99 | 7,800 | 3,37,272 |
| Alumni India | 1997-98 | | 0 | 7,77,501 |
| Alumni India | 1998-99 | | 0 | 83,701 |
| Total | | | 29,800 | 21,28,854 |

The amount has been invested in Fixed Deposit and the interest earned is being transferred to the Hostel Development Fund for maintenance of hostels.

The Institute deeply appreciates the efforts of Alumni in mobilizing donations for Hostel Maintenance. The contributions from Alumni serve to catalyze the Institutional efforts towards appropriation of funds from its internal resources towards maintenance and upkeep of hostels.

E.2. POWAI LAKE PROJECT (CLASS OF '80)

E.2.1. Introduction

The Legacy Project of the class of 1980 was chosen to reach beyond the academic community of IIT Bombay. Powai Lake is an important determinant of the green environment of IIT campus. It was decided to make a contribution to the rejuvenation of this natural habitat.

With activist enthusiasm and contagious generosity the batch made a donation of approximately Rs. one crore for Powai Lake Rejuvenation Project. Since the magnitude of work required for desilting and water hyacinth removal is enormous, it was decided to pursue a two part strategy. In phase one, specific developments near the Lake shall be undertaken to make it a recreational destination for campus community, and in phase two, we plan to lobby and actively pursue the rejuvenation efforts which need to be implemented by governmental agencies. As part of phase one it was decided to develop the space behind the Convocation Hall and stretching upto the Lake into a garden and gathering space. An oversight committee was formed and a CEO was appointed by this committee, to be stationed at IIT to implement this work.

The oversight committee of the Legacy Project of class of 1980 is now pleased to inform that this garden is ready. The ground has been landscaped and a walking path has been created winding through the trees. On June 5, World Environment Day, representatives of the oversight committee and mentors from the IIT community came to plant saplings and trees which will give the garden its final shape. We especially thank Prof R K Shevgaonkar and Mrs. Rashmi Misra for gracing the occasion.

The committee is also happy to share that Mr. Jayraj Phatak, Commissioner MCGB and alumnus of IIT Bombay has taken efforts to include the IIT side of the Lake in the initiative of the MCGB to spruce up the environs of the Lake. Desilting and cleaning activities have also now started. The Legacy Project will sustain its supervisory and supporting role in this effort.

E.2.2. Financial Report

E.2.2.A. Funds received from alumni in US through IITBHF and Alumni in India:

| Particulars | Amount (Rs.) |
|-------------------------------|---------------------|
| Alumni in US (through IITBHF) | 29,38,794 |
| Alumni in India | 26,17,094 |
| Total | 55,55,888 |

The amount of Rs. 55,55,888 has been invested in a Fixed Deposit and the interest earned is being transferred to the Powai Lake Project work.

E.2.2.B. Utilization of Funds:

Funds available on 1st April 2008 = Rs. 47,78,890

The Institute deeply appreciates the efforts of Class of '80 in mobilizing funds for "Powai Lake Rehabilitation". This endowment can make significant impact in desilting efforts and reduce environmental hazards to the Powai Lake to a great extent.

E3. ENDOWMENT – "GURUDAKSHINA" PROJECT (Class of '83)

The Class of '83 celebrated their Silver Jubilee Reunion on December 27th, 2008. With a view to express their gratitude to their teachers, the batch initiated a legacy project which is called the "Gurudakshina" Project. The corpus allocation of this fund is Rs. 1 crore. It has been decided that 50% of the corpus will fund the "Young Faculty Joining Bonus" and 50% will be used to fund the "Faculty Development Programme".

F. OTHER PROJECTS/ ENDOWMENTS

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F1. SUMAN MASHRUWALA ADVANCED MICRO MECHANICAL SYSTEMS LABORATORY

Department of Mechanical Engineering, Indian Institute of Technology Bombay

F.1.1. Introduction

Suman Mashruwala Advanced Microengineering Laboratory was inaugurated by our Alumnus, Mr. Raj Mashruwala, on 13th April 2007. Mr. Mashruwala has generously donated for setting up the Suman Mashruwala Lab. The laboratory hosts several state-of-the-art equipments including Microstereolithography, Excimer laser micromachining, MicroPIV, and Micromap 5010. The ongoing research activities in this lab span several areas including Microstereolithography, MEMS, Microfluidics, Micromechanics etc.

The Suman Mashruwala MEMS laboratory project was initiated with clear research and teaching deliverables. The specific objectives are as follows:

- To create a laboratory to trigger the young minds of undergraduate students by exposing them to the world of micromechanical systems simulation and experiments
- To create the infrastructure needed to start fundamental and applied research in the areas of engineering design, manufacturing and thermal & fluid technology related to MEMS
- To create a unique state-of-the-art facility in the Institute

F.1.2. Report of Activities:

F.1.2.1. Laboratory Activities:

The lab activities encompass design, analysis and development of micro mechanisms for various applications including xy nanostages, logic gates and mechanical circuits for future computation in harsh environments of high electromagnetic radiation. The work done in the lab has contributed in successful development of affinity sensor for myocardial infarction (point-of-care sensor for early detection of heart attack). A similar work on development of a sensor for explosive (RDX, DNT, TNT) vapor detection is ongoing. A technology (patent pending) for building true 3D polymer microcomponents is being developed in-house.

The process involves layer-by-layer building of microcomponent by using Ar⁺ ion laser scanning. The novel design with flexure mechanism enables fast fabrication of microcomponents with higher precision. Another technology for fabrication of coated nanoparticles in plasma chamber is under development. Recently research on dynamics and control of micromirrors for future display applications has been initiated. The nonlinear phenomenon of electrostatic pull-in instability has been investigated and novel methods to avoid the instability have been developed. The micromap facility at the lab is being used for characterization of these moving MEMS devices.

Investigation has been carried out on micromachining of several materials with excimer laser micromachining. The research output is being used in fabrication of novel microfluidic devices for practical applications mentioned above. The active team at the Suman Mashruwala Lab consists of 20 Faculty members and students from the Department of Mechanical Engineering. The Faculty members currently engaged in the project are Prof. Amit Agrawal, Prof. Upendra Bhandarkar, Prof. Prasanna S. Gandhi, Prof. Suhas S. Joshi, Prof. Sushanta K. Mitra, Prof. Dnyanesh N. Pawaskar, and Prof. S.V. Prabhu.

F.1.2.2. Research Projects (ongoing and initiated):

1. Development of high aspect ratio micro – components at high speeds using microstereolithography system for 3D microfabrication (initiated 20 lakh, DST, PI: PSG)
2. Development of Micro – Canlilever based Sensors for the Detection of Vapours of Explosive Chemicals (ongoing, CoPI: PSG)
3. Study and Development of Technology for Nano – polishing of Single Crystal Semi – spherical Cavity and Fabrication of Micro – metallic Fluidic Structures, A research and technology development project (initiated, 66 lakhs BARC, Mumbai, PI: SSJ, CoPI: RS, N. Ramakrishnan)
4. Generation of 3D Microstructures on Metallic Surfaces using Excimer Laser Micromachining (initiated, 26.1 lakh, ISRO, PI: SSJ, CoPI: AA, RS, PSG)
5. Design and Development of a Process for Nano – Engineered Particles (ongoing DST, PI: UVB)

F.1.2.3. Consultancy Projects:

1. Personal Safety Aid – Personal Health and Motion Monitoring System using MEMS based sensors (3.4 lakhs, PI:PSG)

F.1.2.4. Additional Facilities created:

1. Micro – filter Fabrication and Testing Set – up (SSJ, AA)
2. Micro – electrochemical Deposition Set – up for deposition of Nickel in the micro – molds (SSJ)
3. Micro – hot – embossing Set – up for hot embossing of micro – features on polymers (SSJ)
4. Pulsed Laser Deposition using Excimer Laser Set – up for deposition of metallic substrates to generate micro – nano – features (SSJ, UVB)
5. High speed MSL system test set – up (PSG)
6. Piezoelectric energy harvesting system based on Piezo crystals (PSG)

F.1.2.5. Invited Lectures:

1. Gandhi, P.S. “Micro – Nano – Electro – Mechanical Systems (MEMS and NEMS)” FEA Training Event by Finite to Infinite Ltd, Pune, Aug 08
2. Gandhi, P.S. “A New 2D Focused Laser Spot Scanning System for Microstereolithography: Analysis and Experimental Results”, Dept. of Mechanical Engineering, University of Queensland, Australia, Feb. 16, 09
3. Gandhi, P.S. “A New 2D Focused Laser Spot Scanning System for Microstereolithography: Analysis and Experimental Results”, Dept. of Mechanical Engineering, Monash University, Australia, Feb. 17, 09

F.1.2.6. Training:

Phd students in this year: 2 submitted, 3 new joined

M.Tech./ DD projects: 10

B.Tech.: 3. + 3 UROP students

CEP courses:

1. MEMS with lab component (25 participants) May 08
2. SERC school on Micromachining (35 participants) June 08 (10 lakh)

F.1.3. FINANCIAL STATEMENT

F.1.3.A. Funds received from Alumni

| Donor | Date of Receipt | Amount in USD | Amount (Rs.) |
|-------------------|----------------------------|-----------------|--------------------|
| Rajesh Mashruwala | 1 st July 2004 | 100,000 | 45,62,000 |
| | 1 st July 2004 | 400,000 | 1,84,56,000 |
| | 9 th March 2005 | 400,000 | 1,73,84,000 |
| | 15 th Jan 2008 | 100,000 | 39,31,121 |
| Total | | 1000,000 | 4,43,33,121 |

F.1.3.B. Expenditure Statement (2008-09)

| S.No. | Item | Amount (Rs.) |
|--------------|----------------|------------------|
| 1. | Salary | 1.5 lakh |
| 2. | Consumables | 5 lakh |
| 3. | New Equipments | 10 lakh |
| 4. | Fellowship | 5 lakh |
| Total | | 21.5 lakh |

Justification: Salary component is for the office staff hired for the project. Consumables for the laboratory are mainly to maintain various equipments purchased for their efficient working, the clean room maintenance, and other consumables such as electronic components, mechanical fabrication, and chemicals. New equipments are purchased to complement the existing facility. An additional expenditure of Rs. 4,35,570 constitutes committed expenditure towards purchase of equipment and will be paid during the year 2009.

F2. ENDOWMENT – WADHWANI ELECTRONICS LABORATORY

Department of Electrical Engineering, IIT Bombay
(From Jan 1, 2007 to Dec 31, 2008)

F.2.1. Introduction

The Wadhvani Electronics Lab (WEL) was formally inaugurated by Dr. Romesh Wadhvani on February 12, 2001. This laboratory has significantly enhanced the electronics related activity in the EE Department both qualitatively and quantitatively. Several new instruments of the low-end type have been purchased from the Wadhvani donation fund to serve UG as well as PG students working in the WEL. A few high-end instruments have also been acquired, and these are being used for special requirements. A large number of PCs (70) have been purchased to facilitate PCB design, programming of FPGA chips, ARM Processors, basic microcontrollers and accessing data sheets on the Internet etc.

Broadly, the following activities are supported by WEL:

- 1) Electronics Lab courses (Digital circuits, Semiconductor Devices and Circuits, Analog circuits) for UG students in the second and third year in the EE Department.
- 2) Basic electronics lab courses for UG students from other department in the institute, viz., Mechanical Engg., Metallurgical Engg., Chemistry, Chemical Engg., and Computer Science.
- 3) Electronics Design Lab, which involves a number of novel projects carried out by 3rd and 4th year students. Some of the projects are expected to be converted to products.
- 4) Microprocessor Lab course (UG, 3rd year).
- 5) Embedded Systems Lab (M. Tech.)
- 6) Techfest activities during which students from IIT and other colleges participate in competitions involving electronics.
- 7) WEL Innovation cell activities where lab lectures are conducted for the 1st year UG students and small experiments and projects are assigned to them for training purposes.
- 8) Some of the Continuing Education Programme (CEP) courses are conducted in the Wadhvani lab. The following courses have been held:
 - a) “Mechatronics” for industry professionals.
 - b) “Digital Electronics and Microprocessors” for employees of Indian Petrochemicals Corporation Ltd (IPCL).
 - c) “Teaching Engineering Effectively” for engineering college faculty members and industrial professionals. The programme conducted in the Wadhvani Lab focused on “How to conduct lab Courses.”

WEL has made it possible to bring the entire Electronics activity in EE under one umbrella. This has also boosted the enthusiasm among students. WEL currently caters to over 700 students every year. The lab has a large variety of Microprocessor kits, cross assemblers and other utilities for these processors, single-board computers, online EPROM programmers, logic analysers and in-circuits emulators, for use in the Microprocessor lab course. WEL also supports experimental instruction in analog and digital circuits and projects in electronics design and is equipped with the latest series of oscilloscopes, function generators, FPGA programmers, digital multimeters etc.

The Operating amount of \$15,000 that is received annually is used for the purchase of consumables, electronic components, salaries, contingencies, and maintenance of instruments.

F.2.2. Report of Activities:

Several design courses are currently running in the lab, and they have a significant amount of project work. In addition, some of the electronics lab courses also incorporate some project work in order to supplement the concepts taught in the class room and make the courses more application - oriented.

During the annual “Techfest” event organized by IIT Bombay students in January 2008, the lab provided major support to participants who submitted entries for a competition based on electronics, viz., the “Voice controlled circuit” competition. Lab resources were intensively used during this time and it was heartening to see the lab filled with students at any time of the day or night and students working hard on their respective projects. Many instruments of WEL were loaned to students to work on projects.

WEL saw a few winning entries at Techfest’08. Micro-mouse is one such event. In this contest, the team designs and builds small self-contained robots (micro-mice) to negotiate a maze in the shortest possible time. A micro-mouse is a device with a chassis, a drive motor or motors to move it, a steering and turning mechanism, sensors to detect the presence or absence of maze walls, sensors and control logic to keep the vehicle “on track” and batteries to provide power. There were six teams working in WEL out of the 30 teams that participated in the event and they won two prizes (for “Micro-mouse” and “Scitech Quiz”).

On December 28, 2008, IITB organized the “Silver Jubilee Reunion” for the students who graduated in 1983. About 35 students from the EE class of 1983 participated in this programme. As a part of the reunion programme the alumni also visited their respective departments. The EE alumni fondly remembered their lab sessions and other courses. They were given a tour of the Wadhvani Electronics Labs, and they were very happy to see that the laboratories and facilities that they had used have now been transformed into a very modern lab, catering to a much larger number of students. They were informed about the various activities that take place in the Wadhvani Electronics Lab throughout the year, the equipment in the lab etc.

F.2.3. Financial Report

F.2.3.A. Funds received through IIT Bombay Heritage Fund

| Donor | Date of Receipt | Amount in USD | Amount (Rs.) |
|---------------------|----------------------------|---------------|-------------------|
| Dr. Romesh Wadhvani | 13 th June 2000 | 115,000 | 51,30,624 |
| Dr. Romesh Wadhvani | 8 th March 2002 | 30,000 | 14,59,550 |
| Dr. Romesh Wadhvani | 2004-05 | | 5,246,300 |
| Dr. Romesh Wadhvani | 2005-06 | | 665,616 |
| Dr. Romesh Wadhvani | 24 th July 2007 | 29970 | 1,205,244 |
| Total | | | 13,707,334 |

F.2.3.B. Details of Expenditure:

| S. N o. | Particulars | 2000 - 01 | 2001-02 | 2002 - 03 | 2003 - 04 | 2004 - 05 | 2005 - 06 | 2006 - 07 | 2007-08 | 2008-09 15/2/09 | Total |
|----------|-----------------------------------|----------------|---------------|----------------|---------------|----------------|----------------|---------------|------------------|-----------------|-------------------|
| A | Funds received from IITBHF | 5130624 | 0 | 1459550 | 0 | 5246300 | 665,616 | 0 | 1,205,244 | 0 | 13,707,334 |
| B | Details of Expenditure | | | | | | | | | | |
| | Civil & Elec. | 1321143 | 444480 | 547267 | 0 | 30945 | 18,932 | 0 | 0 | 0 | 2,362,767 |
| | Equipment | 2462888 | 0 | 433409 | 60809 | 2203585 | 1850827 | 0 | 0 | 0 | 7,011,518 |
| | Furniture & Fittings | 0 | 0 | 118582 | 0 | 19250 | 0 | 0 | 0 | 0 | 137,832 |
| | Salaries & Other Expenses | 0 | 41456 | 252129 | 160738 | 249710 | 235761 | 282221 | 492822 | 238471 | 1,953,307 |
| | Transfer to P & C A/c. | 0 | 0 | 600000 | 0 | 250000 | 350000 | 300000 | 175000 | 300000 | 1,975,000 |
| | Total Expenditure | 3784031 | 485936 | 1951387 | 221547 | 2753490 | 2455520 | 582221 | 667822 | 538471 | 13,440,424 |
| C | Balance (A – B) | 1346593 | 485936 | 491837 | 221547 | 2492811 | 1789904 | 582221 | 537422 | 538471 | 266,910 |

Balance as on 15/02/2009 is **Rs. 2,66,910.**

F3. ENDOWMENT – LIBRARY JOURNALS & SCI - FINDER

F.3.1. Introduction

The Central Library, IIT Bombay is one amongst the six major technological libraries in the country in the area of Science, Engineering and Technology. It has completed 50 years and has built a large collection of books, journals and CDs. It also has a rich collection of resources in electronic media available locally on the Institute Intranet and accessible on the Web. It caters to the needs of large groups of users including more than 5000 students including 1000 research scholars, 400 Faculty and a large number of supporting staff. It has computerized all its house keeping activities using software developed in – house that is being maintained and updated regularly. It uses state – of – the – art technology in its functioning and services.

IIT has received substantial contributions from Alumni through IIT Bombay Heritage Fund towards ‘Endowment for Library Journals’. This augmentation has not only eased the ever worsening situation vis – a – vis Library funding due to an unfavorable exchange rate and growing costs of Journal subscriptions, but has also given strong impetus to new areas of research, thus enriching the research output of IIT Bombay Faculty and research scholars. The list of journals subscribed using this Endowment is appended.

F.3.2. Financial Report

F.3.2.A. Funds received through IITBHF

| Particulars | Year | Date of receipt | Amount US \$ | Amount Rs. |
|---|------|--------------------|----------------|--------------------|
| Alumni IITBHF | 1999 | 7th June, 1999 | 28,000 | 12,02,880 |
| Alumni IITBHF | 2000 | 26th April, 2000 | 25,000 | 10,88,500 |
| Alumni IITBHF | 2001 | 5th February, 2001 | 50,000 | 23,15,195 |
| Alumni IITBHF | 2004 | 28th May, 2004 | 25,000 | 11,40,500 |
| Parag Saxena | 2001 | | | 1,42,00,000 |
| Bala Sagrithaya (for Sci finder) | 2002 | 17th Sept., 2002 | 150,000 | 72,13,467 |
| Bala Sagrithaya | 2004 | 28th May, 2004 | 100,000 | 45,62,000 |
| Arvind Ghanekar (for naming reading lounge) | 2003 | 23rd July, 2003 | 200,000 | 91,82,000 |
| Total | | | 578,000 | 4,09,04,542 |

F.3.2.B. Utilization of funds:

For the year 2008-09, the Institute Library Committee continues to subscribe journals. The list of journals alongwith their subscription amounts is given below –

| S.No. | Name of the Journal | Subscription Amount (Rs.) |
|-------|--|---------------------------|
| 1. | International journal of Transport Phenomena | 33757.75 |
| 2. | Journal of sandwich Structures and Materials | 54634.20 |
| 3. | Nuclear Technology | 98681.10 |
| 4. | Canadian Geotechnical Journal | 43667.05 |
| 5. | Chemical Engineering | 10587.43 |
| 6. | Corrosion Science | 191891.07 |
| 7. | Engineering Failure Analysis | 42691.25 |
| 8. | Journal of the Electrochemical Society | 61280.24 |
| 9. | Journal of Geology | 10050.74 |
| 10. | Journal of process Control | 69964.86 |
| 11. | Process Biochemistry | 88700.22 |
| 12. | J-STOR | 98400.00 |
| 13. | CA on CD | 775483.00 |
| 14. | Science (Print Version) | 267974.00 |
| 15. | Science (Online Version) | 44887.00 |
| | Total | 1892649.91 |

a). Total Amount Available in year 2007

| | |
|---|--------------------------|
| Balance in the year 2007 | = Rs. 3,18,22,575 |
| Interest earned on all Endowments in 2008 | = Rs. 74,79,982 |
| Total | = Rs. 3,93,02,557 |

b). Total Expenditure incurred during the year 2008 = Rs. 18,92,649.91

Balance = Rs. 3,74,09,907

Remarks

The role played by IITBHF through these endowments to enhance the research infrastructure has been very significant. IIT Bombay deeply appreciates the generous contributions made by the Alumni in USA.

F.4. PROF. S. P. SUKHATME ENDOWMENT FUND

F.4.1. Introduction

IIT Bombay celebrated its Golden Jubilee from September 5, 2007 to March 10, 2009. In the Golden Jubilee year of the Institute, it seemed reasonable to record the important events and landmarks in its history. Thus the documentation of the Institute's history in a systematic and proper fashion and preserving the same digitally is very significant. The matter was discussed during the PAN – IIT Conference 2006 and some concepts were crystallized. Prof. S. P. Sukhatme had expressed his desire to utilize this Endowment for the archival purpose of IIT Bombay.

Prof. Rohit Manchanda was appointed to write the History Book of IIT Bombay which has now been printed. The publication of this book marks an important event in the recently concluded Golden Jubilee celebrations of the Institute. The Committee members associated with the Project since its inception are --

| Sr No | Name | Designation |
|--------------|-----------------------|--|
| 1 | Prof. S.P Sukhatme | Former Director (1995-2000) |
| 2 | Prof. Devang Khakhar | Dean Faculty (Convener of IITB History Book) |
| 3 | Prof. H Narayanan | Prof in Electrical Engg. Dept |
| 4 | Prof. A.Q Contractor | Chemistry Dept.(HOD) |
| 5 | Mr. Parag Rele | Alumnus |
| 6 | Prof. Rohit Manchanda | Author of the History Book |
| 7 | Mr. Milind Gokhale | Officer on Special Duty in Dean RM office |

F.4.2. Report of Activities:

F.4.2.1. Release of IIT Bombay History Book:

“**Monastery, Sanctuary, Laboratory - 50 Years of IIT Bombay**” was released by chairman and chief mentor officer, Infosys Technologies Ltd, NR Narayana Murthy on Teachers Day, 5th September 2008. A month later on 7th October there was a book- reading at Crossword bookstore at its 'Fort' Branch. Noted Ad man and Theatre Personality Alyque Padamsee, who is also a member of the IIT B Advisory Council, introduced the book and its author to the audience and read a few excerpts from it with his well known dramatic flair. There were several IITB alumni and retired faculty present in the audience and Prof Manchanda fielded many questions from them on various aspects of researching for the book with general reminiscences from the audience.

F.4.2.2. Book Promotional Activities amongst the Alumni:

Information on the launch of the history book was also included in the October issue of Alumni newsletter, which is produced by the IIT Bombay Heritage Trust. It also carried a link to www.easternbookcorporation.com, an online site where interested alumni could purchase the book. Subsequently the Institute newsletter to the Alumni also carried a similar announcement.

The invitations sent to all alumni (approximately 10,000) for alumni day carried a promotional CD. The CD contained excerpts from the history book. The Alumni Day program, celebrated this year on 28th December 2009 featured a book reading by the author Prof Rohit Manchanda. Several alumni in the audience joined in the narration with a rendering from their memory amid much laughter, adding to the air of nostalgia. Many copies of the book were also sold during Alumni Day. In addition, the Class of '62 who celebrated their Golden Jubilee distributed a copy of the history book to all alumni who came for the reunion.

The Alumni Association office on campus keeps copies of the book on display. It is also made available for sale at all its Chapter functions and reunions. The Book is made available at a concessional rate of Rs 1000 for alumni against a donation made to the S P Sukhatme Endowment Fund. So far 94 copies of the book has been distributed in this manner and a sum of Rs Rs 94,000 has been collected and forwarded to the office of the Dean, Resource Mobilisation.

The book has been extremely well received by the alumni and we have had many alumni members sending in photographs and inquiries in response. Currently demand far outstrips supply and a paperback issue of the book would be most welcome by large numbers of Indian alumni.

F.4.2.3. Other Promotional Activities:

As a part of the book promotion exercise, complimentary copies of the book have been sent with a covering letter from the Director of IITB to all the Central Universities in India and many other educational Institutions in the country. The list below indicates the various institutions where complimentary copies have been sent.

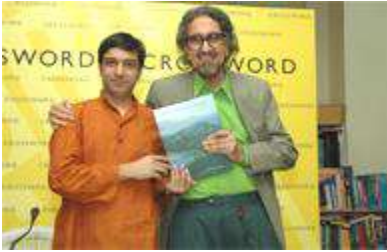
- Central Universities of India. There are 25 Central Universities all over India and the books were addressed to the Vice-Chancellors of the Central Universities respectively.
- Directors of Center for Cellular Molecular Biology Hyderabad, AIIMS New Delhi, TISS Mumbai, UICT Mumbai, VJTI Mumbai, NCBS Bangalore, NCL Pune, NCCS Pune, JNCAR Bangalore.
- Secretaries of Indian Department of Science and Technology, Department of Biotechnology, Department of Industrial Research, AICTE, UGC, CSIR, Ministry of Communications, TIFAC, Ministry of Information and Technology.
- The Principals of about 11 prestigious colleges in Mumbai.

- The Principals of about 6 colleges in Delhi.
- The Principals of about 3 prestigious colleges in Kolkata
- The Universities abroad having a MoU with IITB, Universities without a MoU but having intent of an active relationship with IITB, and some of the high profile Universities in the world. There have been all together 58 Universities to which the books have been sent. The complimentary copies have been sent to few people from Oxford University, who have been associated with Prof. Rohit Manchanda.

F.4.2.4. Post-processing of documents used for research:

There were many other documents, reports and old files that were required for the writing up of the Book by Prof. Rohit Manchanda. Many of these were collected from the Director's Record Room, which have been returned now to the same location. In the past two years while researching the book we had unearthed a veritable treasure trove of old records at DRR. All these records have been painstakingly sorted, classified, and then put back in DRR with the hope that it would act as the basic groundwork of any future initiative to create a historical archive at IITB.

A Photograph of the Crossword Book Reading



F.4.2.5. Reactions to “Monastery, Sanctuary Laboratory: Fifty Years of IIT Bombay:

Presented below is a small representation of the numerous reactions received by Prof. Manchanda since the launch of the book.

From Prof Ross Bassett, Associate Prof. of History at North Carolina State University:

“The book arrived this week. It is stunning. I don't think I have ever seen an institutional anniversary volume (In the US or India) of such quality. The writing is superb. At the present time I am swamped under a host of different obligations, but whenever I pick the book up, I find that I cannot put it down.”

From Dr. Ganesh Raman, IIT-Bombay alumnus, Associate Dean for Research, Illinois Institute of Technology

“The book is extraordinary in its contents, presentation, images, assembly and writing style. In addition, the fact that you could complete this while pursuing a full time academic career in science and engineering speaks volumes about your time management and organization skills. I would like to chat with you and congratulate you.”

From Prof. M.V. Hariharan, formerly Professor, Electrical Engineering, IIT-Bombay

“No doubt you would have read the great epic Mahabharat. But I am not sure if you have read the Mahabharat, written by C Rajagoopalachari. The English is simple, yet elegant; the style lucid and communicative; the subject matter cogently presented; the narrations comprehensive, yet very interesting; the morals to be learnt just touched upon and not sermonised. You could open the book on any page and read on ; there is no feeling of break in continuity.

All the above aspects, I found in ‘Monastery, Sanctuary, Laboratory – 50 years of IIT Bombay’ – the book that you have penned so brilliantly. The patience and perseverance that you would have shown in collecting and collating the huge data from numerous sources is indeed praiseworthy. The face-to-face interview idea lent the whole thing a personal touch.”

Excerpts from review carried in *Current Science*, by Prof P. Balaram (Director, IISc)

“Manchanda, a writer of uncommon talent and a young faculty member at IIT Bombay, views institutional history with a sense of professional detachment that is both valuable and instructive...” – “wonderfully crafted account” – “uplifting and inspirational.”

F.4.3. Financial Statement:

F.4.3.A. Details of Funds Received:

| Donor | Amount USD | Amount (Rs.) |
|-----------------|-------------------|---------------------|
| Kanwal Rekhi | 55,000 | 25,63,724 |
| Alumni in India | 0.00 | 6,43,500 |
| Total | 55,000 | 31,98,224 |

F.4.3.B. Details of Funds available in 2008-09:

| S.No. | Particulars | Amount (Rs.) |
|--------------|--|---------------------|
| 1 | Balance as on 1 st April, 2008 | 32,07,226 |
| 2 | Funds received in 2008-09 | 1,53,850 |
| 3 | Net Interest (after deducting expenditure) | 11,77,781 |
| Total | | 45,38,857 |

F.4.3.C. Utilization of Funds:

| S.No. | Particulars | Amount (Rs.) |
|--------------|-------------------------------------|---------------------|
| 1 | Honorarium for writing History Book | 4,00,000 |
| 2 | Miscellaneous Expenses | 1,00,000 |
| 3 | Swagatika’s salary | 89,644 |
| Total | | 5,89,644 |

G. ACKNOWLEDGEMENT

Our sincere thanks are due to the following persons for providing appropriate inputs and material for the different sections of the report –

| S.No | Inputs Taken From |
|-------------|--|
| 1. | Office of Dean, Faculty {Ms. Vandana Hate} |
| 2. | Head, CSE Dept. {Mrs. Athavankar} |
| 3. | Head, SJMSoM {Mrs. Archana} |
| 4. | Head, Bio School {Ms. Swati Vishwasrao} |
| 5. | Dept. of Mechanical Engineering {Prof. P. Gandhi} |
| 6. | Dept. of Electrical Engineering {Prof. M.B. Patil} |
| 7. | School of Bio Sciences { Prof. Rohit Manchanda & Ms. Damayanti Bhattacharya } |
| 8. | Prof. U. A. Yajnik, Physics & Mr. Dinesh Shirambekar |
| 9. | Journals Section, Central Library, IITB {Mr. Bhendigiri} |
| 10. | Office of IITB Alumni Association { Mrs. Rama Nair & Mrs. Damayanti Bhattacharya } |
| 11. | Academic Section {Mrs. Manjiri Mahagaokar & Mrs. Kavita Karande} |