President's Message

Dear friends:
As alumni of IIT Bombay, we all share the feeling that our alma mater has done a lot for us, in giving us both an education and a platform to launch our professional and personal lives. IIT also gave us the privilege of spending many years with some of the brightest and best minds in the nation, many of whom became our friends for life. Now is the time of the year when we can give back to the institution that has done so much for us, and help ensure that the "tryst with excellence" continues and is further enhanced for the next generation of IITBians.

If you have given in the past, please continue that tradition and visit www.iitbombay.org/donate to see how your donations have made a difference. And if you have not, then please visit the webpage at www.iitbombay.org/donate for more information about how - and why - you should consider supporting Giving Opportunities for IIT Bombay (GO-IITB) 2012.

Over the past few years, we have started a tradition of a friendly competition between the various graduating batches to see which batch wins the race for the maximum number of donors. I hope that not only will you participate, but that you will also reach out to your friends and get them to participate too. No matter how much or how you give back, each dollar and rupee makes a difference.

Proceeds from the GO-IITB Campaigns will support amongst other initiatives:
- Young Faculty Awards (YFA) to help IIT Bombay recruit world-class faculty
- HATS initiative for Hostels
- Scholarships and fellowships for the students

IITBHF is an all-volunteer organization that strives to send all alumni contributions to IIT Bombay, with no overhead costs, and maintains close contact with IIT Bombay to ensure proper oversight and governance. Please visit the alumni portal at www.iitbombay.org/donate to review the Fund Utilization Reports that document how alumni contributions are being put to effective use.

I invite you to make an instant online tax-deductible contribution to the GO-IITB campaign today, at www.iitbombay.org/donate or support the GO-IITB campaign in any other way you wish, such as via check, securities donation, or corporate equipment donations. Please visit www.iitbombay.org for more information and news from IIT Bombay, and contact the GO-IITB Team with any questions at alumnioffice@iitbombay.org.

Ram Kelkar
President, IIT Bombay Heritage Fund
http://www.iitbombay.org

Mission
To fund and promote education and research among students of the Indian Institute of Technology, Bombay (IIT Bombay). The organization will achieve its goals by providing financial and other resources to IIT Bombay and support alumni gatherings for the purpose of service to IIT Bombay.

Charitable Purpose
To receive donations, bequests, gifts and grants from the alumni, chapters, benefactors, corporations, or trusts for use in education and research at IIT Bombay in the fields of technology, science, social science and humanities.
Donations are used for:
- Purchase of equipment, research and education
- Establishment of reference and research facilities
- Construction and renovation of research and education facilities
- Acquisition of real estate
- Establishment of endowments that IIT Bombay may use for its future growth and maintenance
- Scholarships and fellowships for students attending IIT Bombay, and for any other purposes specifically designated by donors, provided the donation further the education and research missions of IIT Bombay.

Alumni Services Purpose
To foster fellowship among alumni through local chapters, provide a forum for communication among alumni, disseminate continuing education about IIT Bombay, and, provide the means for involving alumni in support of IIT Bombay and the mission of the Heritage Fund.

Chapter Outreach
An active network of Chapters creates local communities of IITB alumni, which in turn connect into an expanding global network. Graduates of IIT Bombay are urged to take full advantage of this powerful network that connects alumni across a diversity of age, experience, interest and geography.
An IIT Bombay delegation of many senior faculty members visited alumni chapters across North America in a roadshow during October 2012. It was a great opportunity for alumni to get to know the latest developments and plans for the future at IIT Bombay. The delegation included Director Devang Khakhar, Prof. HS Pandalal - Deputy Director (Finance and External Affairs), Prof. Ravi Sinha - Dean (Alumni and Corporate Relations), Prof. Subhasis Chaudhuri - Dean (International Relations), Prof. AK Suresh - Dean (Faculty Affairs) and Prof. Deepak Phatak, Chair Professor - IIT-B Dept. Comp. Sc. & Engr.

SF Bay Area
The SF Bay Area chapter of the IITBHF is one of the largest and most active IITB alumni chapters with more than 1000 registered members. The chapter organizes several social, professional and networking events throughout the course of the year for the alums and their families. The SF Bay Area chapter “Meet the IITB Director and Campus Team” event was held on October 19th, at Mountain View. About 50 alumni spanning over 40 batches gathered together to meet Prof. Khakhar and the campus team. Prof. Khakhar gave a concise campus update and shared IITB vision, opportunities and challenges. Prof. Khakhar and the campus team also met Indian graduate students at Berkeley and Stanford over lunch during their trip to the area. More than 20 students who attended the event at both the campus discussed the faculty position opportunities and on-going research at IITB with the campus team. Annual Distinguished Alumni Meeting was also held in the Bay Area with over 50 DA’s meeting to discuss IIT how alumni can help IITs. Dr. Romesh Wadhwani gave a thought provoking keynote on “Transforming IIT’s into Centers for World Class Research & Innovation”.

New York
With over 1000 members, the NY chapter is very vibrant and active. Nearly 95 alums and invited guests were in attendance during the IITB roadshow event despite the threat of the looming hurricane. A surprise fundraising round was conducted during which commitments worth $71,000 were made which included $10,000 matching donation by GNY chapter. The response was truly overwhelming and the IITB team greatly appreciated it. Following this, Prof. Devang Khakhar delivered engaging keynote on various developments on the campus and on-going research at IITB. Annual campus update and shared IITB vision, opportunities and challenges. Prof. Khakhar and the campus team also met Indian graduate students at Berkeley and Stanford over lunch during their trip to the area. More than 20 students who attended the event at both the campus discussed the faculty position opportunities and on-going research at IITB with the campus team. Annual Distinguished Alumni Meeting was also held in the Bay Area with over 50 DA’s meeting to discuss IIT how alumni can help IITs. Dr. Romesh Wadhwani gave a thought provoking keynote on “Transforming IIT’s into Centers for World Class Research & Innovation”.

Seattles
The Seattle Chapter had organized an IITB social complete with a desi band performing. The gathering of ~ 15 alumni members had good conversations with Prof. Pandalal and Prof. Suresh on the current state of affairs at IITB over samosa and chai. Lots of interesting conversations about the new hostels, increase in student intake and the need for additional faculty took place.

Chicago
The IITB Roadshow in Chicago was a resounding success. The IITB team attended a meeting hosted by IIT Midwest Alumni Group at Northwestern University campus. Director Khakhar and Dean Sinha made presentations to alumni about new developments at IIT Bombay, with a focus on the infrastructure investments under way to handle the dramatic growth in student enrollment. This was followed by an animated Q & A session with several questions about the proposed changes in JEE and the quality of students entering the IITs.

Boston
Professor A. K. Suresh, visited Boston on October 7th and shared with everybody the Indian Government’s vision for IITs, latest focus areas, research, contribution of IITs towards technology and society, etc. There were about 35 alumni in attendance which included a number of students from MIT and other local colleges. Prof. Suresh focused primarily on the growth in the number of students enrolled and the research productivity and the challenges in recruiting faculty.

Los Angeles
The IITBHF’s SoCal Chapter hosted a part of the delegation of faculty and administrators from IIT Bombay on October 17th. Prof. H.S. Pandalal, and Prof. Suresh from the delegation attended the event, which saw a turnout of around 20 people from academia and corporations. The goal of the event was to update alumni about current research and infrastructural development at IIT Bombay. Achievements in entrepreneurship and research tie-ups were highlighted.

Washington DC
During their visit to Washington DC, Director Devang Khakhar and Dean Ravi Sinha met with policy institutions and funding organizations and were honored by a reception/ event sponsored by IITB alumni. The IITB Faculty team interacted with the Washington DC alumni and shared the latest updates and news from the campus. About 45 people attended the event and enjoyed the very informative talks by senior executives from the UBS Group and Director Khakhar.

Dallas
Prof. HS Pandalal and Prof. Subhasis Chaudhuri visited Dallas on October 25th. IIT Bombay alumni along with IIT Alumni Association of North Texas (IITNT, a PANIIT chapter) organized events to welcome them to Dallas and to establish collaboration with University of Texas at Dallas. After the day long meetings at UT Dallas, IITNT hosted a dinner for the visiting delegation. The alumni were very excited to hear the progress at IIT Bombay and to have a glimpse at the student life at IIT-B today.

Toronto
The IITB team’s visit to Toronto was marked by the inauguration of the not-for-profit “IIT Bombay Alumni Association – Canada Chapter”. Yezdi Pavri, Ashok Ranade and Rabiz Foda are the initial signatories for incorporation of the IIT-B Chapter in Canada.
Collaboration between IIT Bombay and Applied Materials Inc.

One of the most active ongoing academia-industry collaborations currently going on at IIT Bombay is with Applied Materials Inc., a world leader in Semiconductor equipment manufacturing, headquartered in Santa Clara, USA. The collaboration between the two institutions started in 2005 and has involved:

- Infrastructure development: Applied Materials donated state of the art semiconductor manufacturing equipment valued at $7.5M in 2007 to be housed in the Applied Materials Nanofabrication Laboratory at IITB. In 2010 additional equipment was donated and set up an Applied Materials Chemistry Lab for Energy and Nano-electronics (CLEAN) valued at $2.5 M in support of National Center of PV Research and Education (NCPRE).
- Sponsored Research and sponsorships of over 12 Technical Conferences, and entrepreneurial events.
- Manpower development: by supporting faculty and student visits to the company’s Santa Clara campus and internship program for over 50 students since 2005.
- Social and Philanthropic Activities: aimed at educating the young minds in sustainable living via social events such as installation of solar-powered LED lighting along IITB’s avenues, and donation of solar lanterns to evening schools which has benefited 15,000 underprivileged children in 4 Indian states.

AMAT has supported IITB to the tune of $12M over the past six years on various activities listed above. The research collaborations have resulted in over 35 publications, including 25 jointly published by IITB and AMAT researchers. In December 2011, the India Semiconductor Association (ISA) recognized the collaboration between AMAT & IIT in developing semiconductor ecosystem in India via a “Semiconductor Ecosystem” award. This outstanding example of academia-industry collaboration has been made possible by a pro-active attitude and close collaboration between the two institutions and the outstanding contributions of IITB alumnus Pravin Narwankar, Regional CTO, Applied Materials.

Faculty Alumni Network (FAN)

Faculty Alumni Network (FAN) is a network and community of IIT Bombay (IITB) alumni with backgrounds as researchers, university faculty members, students, and administrators. FAN was created under the auspices of IIT Bombay Heritage Fund (IITBHF) over a decade ago with the primary goals of assisting IITB recruit top faculty members, and to facilitate creation of research collaboration opportunities for IITB faculty members. Among FAN activities, the FAN signature event is the annual technical symposium organized around a topical research theme that coincides with the IITB Roadshow to North America. These events feature eminent speakers and panel members from India and North America, and provide a forum for discussion of specific “hot” research topics.

The FAN event this year took place on October 21st in Santa Clara, California and the theme was “Big Data”. It was attended by over 80 people, including several prospective faculty candidates. The event started with an IITB update by Director Prof. Devang Khakhar. The plenary lecture was delivered by Dr. Rakesh Agarwal, a Technical Fellow at Microsoft Research. He gave an introduction to the “Big Data” theme, highlighting three key aspects that drive Big Data – volume, velocity and variety. He provided a broad overview of current research in Big Data. This was followed by a talk by Prof. S. Sudarshan, IITB, on annotating and searching semi-structured data at the Web scale. Dr. Jayashree Subrahmonia gave a fascinating talk on IBM’s “Watson” that beat top human contestants on the popular US TV game show Jeopardy!, and the application of this technology to solving real-world problems in healthcare. This was followed by a talk by Prof. Ganesh Ramakrishnan, IITB, on efficient exploration of exponentially large feature spaces. Prof. Chandra Venkataraman, IITB, spoke on application of Big Data in the area of atmospheric and climate science. Finally, there was a lively panel discussion moderated by Prof. Deepak Phatak, IITB, Prof. Ravishankar, UC, Riverside, chaired the proceedings with great flair and aplomb!

Several IITB, IITHF and FAN members contributed towards the overall organization of this successful event.
**Youth Faculty Awards (YFA)** was set up with a vision to attract top-notch young faculty to IIT Bombay and nurture their development in supporting IIT Bombay’s “Tryst with Excellence” and continued global technological leadership. It seeks to encourage the best teaching and research talent to opt for IITB in preference to other institutes by offering them a joining bonus of Rs.3 lakhs (US$ 6,100) over a period of 2 years.

The YFA team has announced an increase in the joining bonus to Rs.4 Lakhs (US$ 8,200) which will be payable to every faculty member hired after June 16th, 2011. The monies raised have been spent to hire over 115 new faculty members. This has resulted in a significant change in the faculty map of IIT Bombay. YFA continued success depends upon its ability to build up a substantial corpus of at least Rs.10 Crores (US$ 2 million).

**Hostel Alumni Team Stewardship (HATS)** is an important alumni-driven initiative that aims to channel the affection that many alumni have for their Hostels. HATS started with the Hostel 7 campaign in 2006, and continued with the Hostel 4 campaign in 2009. Under the leadership of an enthusiastic “core team”, HATS has leveraged the past successes to develop a campaign for all hostels.

The focus of HATS is to improve hostel infrastructure and facilities, assist mess workers, empower students to improve their living conditions under the aegis of Make Hostel My Home (MHMH), and to organize hostel level reunions in each hostel on Alumni Day. To date, 287 donors have contributed to HATS. This has helped nearly 200 mess workers. As of Sept. 2011, HATS has raised over Rs.1.2 Crores ($243,000), with Hostels 7, 4 and 8 (collectively with 74%) leading the race.

**Young Faculty Awards**, also known as YFA, was set up with a vision to attract top-notch young faculty to IIT Bombay and nurture their development in supporting IIT Bombay’s “Tryst with Excellence” and continued global technological leadership. It seeks to encourage the best teaching and research talent to opt for IITB in preference to other institutes by offering them a joining bonus of Rs.3 lakhs (US$ 6,100) over a period of 2 years.

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The IIT Bombay Heritage Fund office is professionally staffed and is located in Cupertino, CA. Staff work to provide alumni and chapter support, assist donors, and help coordinate projects with IIT Bombay faculty.
IIT Bombay Heritage Fund...

Helping create a world class future for the students, faculty and alumni of the Indian Institute of Technology, Bombay