

# Diamond Jubilee Souvenir



**Indian Institute of Technology Bombay**

**ज्ञानम् परमम् ध्येयम्**  
(Gyanam Paramam Dhyeyum)

**Knowledge is the  
Supreme Goal**

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## **Vision**

To be a leading global technology university that provides a transformative education to create leaders and innovators, and generates new knowledge for society and industry.

## **Mission**

To create an ambience in which new ideas, research and scholarship flourish, and from which the leaders and innovators of tomorrow emerge.

To address problems faced by the nation and the world through the talent we nurture and the research we do.

To provide an education that transforms students through rigorous coursework and by providing an understanding of the needs of society and industry.

To collaborate with other academic and research institutes around the world to strengthen the education and research ecosystem



सत्यमेव जयते

राष्ट्रपति

भारत गणतंत्र

PRESIDENT

REPUBLIC OF INDIA



**MESSAGE**

I am happy to know that the Indian Institute of Technology (IIT) Bombay is celebrating its Diamond Jubilee Year from March 2018 to March 2019.

During the last sixty years, IIT Bombay has emerged as a globally recognised educational institution that excels in research and teaching in fields of engineering, science, design, management and policy. Its initiatives for promoting top-end research and for developing the latest technologies have been noteworthy. I am confident that through its diverse activities, the Institute will continue to contribute towards nation building.

On this occasion, I extend my greetings and felicitations to the faculty, students, staff members and alumni of IIT Bombay and wish the Diamond Jubilee celebrations all success.

*R. Kovind*

(Ram Nath Kovind)

New Delhi  
May 25, 2018



सत्यमेव जयते

प्रधान मंत्री  
Prime Minister  
MESSAGE



It is a pleasure to learn that IIT Bombay is celebrating its Diamond Jubilee and is publishing a souvenir to mark the occasion.

A nation's progress and its human development are linked to science and technology. Our best science and technology institutions should further strengthen their basic research in line with leading global standards. Translating this basic knowledge into innovations, start-ups and industry will help us achieve inclusive and sustainable growth.

Over the last 60 years, IIT Bombay has been making significant contribution in the field of technological education and research. Institutions like IIT Bombay must make innovation and excellence a part of their ethos and there is no better occasion than the Diamond Jubilee celebration to seek inspiration. Heartiest congratulations to IIT Bombay on being granted the status of Institution of Eminence, which adds to the happiness and pride of the occasion.

Heartiest congratulations and best wishes to all the faculty, alumni and researchers on the joyous occasion of 60<sup>th</sup> Foundation Day of the Institute. May the souvenir being brought out on the occasion be read and liked widely.

(Narendra Modi)

New Delhi  
27 February, 2019

**Shri Prashant Agarwal**  
Director (IITs)  
Technical Section – I, Department of Higher Education  
Ministry of Human Resource Development  
Shastri Bhawan  
New Delhi

प्रकाश जावडेकर  
*Prakash Javadekar*



मंत्री  
मानव संसाधन विकास  
भारत सरकार  
MINISTER  
HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA



### **MESSAGE**

I am happy to note that the Indian Institute of Technology, Bombay is celebrating its "Diamond Jubilee Year" from March 2018 to March 2019. Over the last 60 years, the Institute has shaped itself as one of the finest institutions of excellence in Engineering and Technology. It has also helped mentor several of the newer IITs and thereby share its successes in their formation as well. Thus, it has helped shape our institutions of higher learning as centres of excellence in education, research and innovation. Attaining its own heights of excellence, and simultaneously helping others do the same, is fully in line with our desire to advance our dream of making India as an advanced economy. For this we need to prepare our professionals of tomorrow as highly responsible citizens steeped in human values. IITB has done this with pride and joy for the last 60 years.

It is a matter of great satisfaction that during the illustrious journey of the past 60 years IIT Bombay has produced many distinguished alumni who have excelled in engineering and technology, as well as in many other professions at home and also abroad. I wish to congratulate them, as well as the leadership of the Institute, namely the Boards of Directors, their Chairmen, its past and present Directors, its faculty, teaching and non teaching staff, and the bright students, all of whom need to be proud of this commendable achievement.

I appreciate and extend my warm wishes and felicitations to all dedicated faculty and staff of IITB, current and former, for guiding and encouraging students in all facets of education for their well rounded development. On this momentous occasion I extend to the faculty and staff of IITB every support to help them train students to scale newer heights ahead. I wish each and every one of IITB's students all the best for achieving even greater success in your education and career ahead and, in contributing to the all-round development of the nation.

(PRAKASH JAVADEKAR)

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Room No. 3, 'C' Wing, 3rd Floor, Shastri Bhavan, New Delhi-110 115  
Phone : 91-11-23782387, 23782698, Fax : 91-11-23382365,  
E-mail : minister.hrd@gov.in

Ch. Vidyasagar Rao  
GOVERNOR OF MAHARASHTRA



RAJ BHAVAN  
Malabar Hill  
Mumbai 400 035  
Tel. : 022-2363 2660  
Fax.: 022-2368 0505

14 February 2019

## MESSAGE

I am happy to know that the Indian Institute of Technology Bombay (IIT Bombay) is bringing out a Diamond Jubilee Souvenir depicting the journey and achievements of IIT during the last six decades.

Since its establishment sixty years ago, IIT Bombay has built a formidable reputation as a leader in the field of engineering education and research. More than 52000 engineers and scientists have graduated from the Institute during these decades. Each of these alumni, has made immense contributions to various walks of life—education, research, industry and so on both within India and the world at large.

The Institute must attract the best talent from all over the world. Like the 'Make in India', we must implement 'Teach in India' programme to associate best faculty with the institution. The success of 'Make in India', 'Digital India' and 'Start-Up India' depends to a large extent on the individual and collective contributions of IITians to different walks of life.

As IIT Bombay embarks on its Diamond Jubilee celebrations, I wish the Institute all glory and success.

  
(Ch. Vidyasagar Rao)

**Devendra Fadnavis**

Chief Minister  
Maharashtra



Mantralaya  
Mumbai-400 032

18<sup>th</sup> February 2019



## MESSAGE

I am happy to know that Indian Institute of Technology is completing the glorious sixty years of its eventful journey and is celebrating its Diamond Jubilee from March 2018 to March 2019.

IIT Bombay since its inception has been working relentlessly in spreading the light of technical and research education in every nook and corner of its home (India) and outside home (abroad) with its dedicated team of faculty members.

I hope, the souvenir that is going to be published synchronising with the occasion will bear the testimony of Indian Institute of Technology's long, dedicated and selfless service in its pursuit for technical education and research excellence.

I wish all success to IIT Bombay!

A handwritten signature in black ink, appearing to read 'Devendra Fadnavis'.

(Devendra Fadnavis)



भारतीय प्रौद्योगिकी संस्थान मुंबई  
पवई, मुंबई-400 076, भारत

**Indian Institute of Technology Bombay**  
Powai, Mumbai-400 076, India

दूरभाष/ Phone : (+91-22) 2572 2545  
फैक्स/ Fax : (+91-22) 2572 3480  
वेबसाईट/ Website : www.iitb.ac.in

**IIT Bombay**

दिलीप सांघवी  
Dilip Shanghvi

अध्यक्ष, शासी मंडल  
Chairman, Board of Governors



### Message

"Success is not about how much money you make, it is about the difference you make in people's life".

Any jubilee of an Institution is an important milestone that gives us opportunity to look backwards on the distance travelled and forward to the journey that lies ahead and has to be planned. This 60<sup>th</sup> Diamond Jubilee is special because it allows us to see the past as well as the near future in one person's perspective.

Casting a glance over the years that have gone by, we cannot think of a large institution like IITB flourishing without the support of faculty, staff, students, parents, alumni, and the society.

It is a great honour and responsibility to chair the Board of Governors of a leading Institute like IIT Bombay. It is my immense pleasure that MHRD granted the Institution of Eminence status to IIT Bombay. This is a remarkable achievement that we all are proud of.

IIT Bombay continues to make a difference to society at large by providing value based quality education to students to enable them to face the realities of the "Future World".

My heartiest congratulations to all present and past students of all its programs: graduate, postgraduate, management and doctoral. It is a fulfilment of their aspirations as well as the dreams of their loved ones. This is also an occasion to consider how to pay-back: do reflect upon the efforts and sacrifices of your parents for their support, your teachers for their teaching and mentoring and the Institution itself which gave an environment that inspired you in your learning and helped fulfil your ambitions.

I wish IIT Bombay all success on its glorious journey that started in 1958 and continues by leaps and bounds.

Warm Regards,

Mumbai,  
February 14, 2019

**Dilip Shanghvi**  
Chairman, Board of Governors  
IIT Bombay

**Prof Arun Kumar De**

*Professor Emeritus Department of Mechanical  
Engineering, IIT Bombay  
Former Director IIT Bombay (1974-1984)*



**MESSAGE**

It gives me immense pleasure, pride and satisfaction that IIT Bombay is going through its yearlong Diamond Jubilee celebration.

Sixty years of existence of an institution is an important milestone in its history and a time to pause, ponder and take stock of past achievements and prepare oneself to meet new challenges and opportunities ahead.

I have had the unique opportunity of being one of the first faculty members in the Department of Mechanical Engineering in 1958 and continued to be associated with its functioning until 1969. I also had the privilege of being the Director of institute between 1974 and 1984.

The institute started with assistance and support of the erstwhile USSR under the UNESCO programme, both in terms of laboratory equipment and faculty. The institute has since then expanded its activities manifold with new academic programmes, research and innovation centres with cutting edge technologies and facilities. It is now counted among the best universities in the country and aspires to do better in the world rankings.

The students joining the institute come through a tough competitive examination, respected all over the world, and are the pride of the country.

The alumni of the institute play an invaluable role by contributing generously towards infrastructure, laboratory and student scholarships.

The institute rightly takes pride in its achievements and is now poised to make the grade in the world. The challenges no doubt are huge and compelling, including generating resources.

I wish all the stake holders including the Director, faculty, students and alumni all the best in this quest.

A handwritten signature in black ink, appearing to read 'Arun Kumar De'.

**Prof Arun Kumar De**  
*Professor Emeritus Department of Mechanical  
Engineering, IIT Bombay  
Former Director IIT Bombay (1974-1984)*



**Interdisciplinary Center for Energy Research  
Indian Institute of Science  
Bangalore – 560 012, India.**



*Prof. Ashok Misra  
NASI Distinguished Professor*

Message for the Diamond Jubilee of IIT Bombay

I am extremely delighted that IIT Bombay is celebrating its Diamond Jubilee during 2018-19. It is a matter of pride that IIT Bombay has risen to be the highest rated Technical Institution as well as top rated University in India as per several international and national surveys. The Institute has gone from strength to strength over the six decades of its existence. I was the Director during the Golden Jubilee year and I can clearly see the enormous progress made in the last 10 years. IIT Bombay is highly regarded for its teaching programmes, research and development activities, innovation and inventions as well as technology incubation. I have seen in several fora that IIT Bombay is mentioned as a role model for several of its major academic activities.

Sixty years is an important and significant landmark in the history of an academic institution. All leading institutions in the world have taken 50 to 60 years to reach high level of recognition and I am glad to see that IIT Bombay in that league today. It has to keep the momentum and go to greater heights to be counted amongst the very top institutions in the world and I have no doubt that it will get there soon.

I take this opportunity to appreciate the dedicated efforts and contributions of the faculty, staff, alumni and students over the last sixty years that have resulted in building the reputation and glory that IIT Bombay enjoys. It has been my pleasure to participate in the yearlong Diamond Jubilee celebrations. I am proud to have been associated with IIT Bombay from 2000-08 as its Director and wish the institute all success in its future endeavours.

(Ashok Misra)

Bengaluru  
February 28, 2019



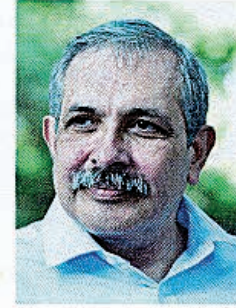
भारतीय प्रौद्योगिकी संस्थान मुंबई  
पवई, मुंबई-400 076, भारत  
Indian Institute of Technology Bombay  
Powai, Mumbai-400 076, India



Office : 2572 3488, 2576 7001  
Res. : 2572 3738, 2576 8000  
Fax : 91-22-2572 3546  
E-mail : director@iitb.ac.in  
khakhar@iitb.ac.in  
Website : www.iitb.ac.in



**Devang V. Khakhar, Director**  
देवांग वि. खखर, निदेशक



### Message

The 60-year journey of IIT Bombay has been both eventful and impactful. The Institute has changed in many ways over the last six decades. We have grown: from 2500 students in 1965 to 10,200 today, we have expanded in scope: adding design, management, biology, energy and many interdisciplinary areas over the years, we have become more oriented towards postgraduate education. With more than 50% of our students enrolled in postgraduate programmes, 3000 of them Ph.D. students, we have become highly focused on research: with sponsored project funding of more than Rs 300 crore per year, we have become more international with strong partnerships with great universities around the world; we have become better connected, working on major projects with government, industries, in rural technologies, and educational outreach. All of this has helped us become a better educational institute. What has remained constant is our efforts to excel in all our activities related to research, education and service.

The impact of IIT Bombay over these 60 years has been truly global, through the work of our alumni and faculty. In this Diamond Jubilee year, I am happy to inform you that in two of the major international ranking systems, IIT Bombay is the top ranked educational institute in India. This year we have also been awarded the status of an 'Institution of Eminence' by the Ministry of Human Resource Development, Government of India with substantial additional funding of Rs.1000 crore over the next five years. This will help the Institute reach greater heights and be of greater service to the nation.

The progress of IIT Bombay on all fronts has been creditable in the past 60 years and I would like to acknowledge the devoted efforts of the faculty, staff, students, alumni and administration of the Institute towards these goals.

I have pride and joy in this Diamond Jubilee year to see so many bright achievements by the Institute. I urge all of our current and past employees and students to maintain strong ties with their alma mater and continue to participate in the future growth and evolution of IIT Bombay. Let the motto of IIT Bombay "Gyanam Paramam Dheyam" be the Institute's guiding light!

Jai Hind!

IIT Bombay,  
February 18, 2019

Devang Khakhar



### **Message from the Convenor, IIT Bombay-Diamond Jubilee committee**

Every birthday or anniversary is significant, particularly for institutions like IIT Bombay (IITB). The 60th anniversary of IIT Bombay's founding day, our Diamond Jubilee, is this special occasion that we have been celebrating at IIT Bombay over the past year. A Diamond Jubilee comes at a critical juncture in the history of an institution that has just celebrated the Golden Jubilee in a grand manner only a decade back, and where the upcoming Platinum Jubilee and Centenary celebrations shimmer enticingly ahead.

Sixty years is but a short time in the history of any university or institute when compared to the many centuries that many leading educational and research institutions of the world have endured. Still, in these short 60 years, IIT Bombay has proven to be the leading Institute of India on many fronts and that of the world too. Therefore, when the IIT Bombay leadership decided to celebrate the Diamond Jubilee, a conscious effort was made by them to initiate a few key events and activities from amongst the many that the IIT Bombay-Diamond Jubilee Celebration Committee had suggested. It was decided that these events and activities would be executed through various Task Forces (TF) led by Institute functionaries like Deputy Directors, Deans and Heads, and, moreover, they would be funded internally without any special fund raising efforts, but with special emphasis to introspect, to assess impact, and to reconnect to all stakeholders.

To mention just a few of the events and activities, here is a short list: a Task Force led by the Dean (Alumni and Corporate Relations) had very successful series of reunion meetings for alumni in several cities of India and also in the USA; a Task Force led by the Dy Director (Academic and Infrastructural Affairs) facilitated a series of marquee conferences that every Department and Centre of IIT Bombay could take advantage of. These were meant to take stock of where the Departments/Centres currently were, academically and research-wise, and where they wanted to be in the next decade. A task force led by the Dean (Infrastructure Planning and Support) re-examined long-pending infrastructure projects and reprioritized several like the community centre and crèche-expansion that would benefit all campus residents. A TF led by Dy Director (Finance and External Affairs) and Registrar initiated a scheme for scholarships to staff children; a TF led by Dean (Student Affairs) organized several social and cultural programs, and added special activities or events to the traditional ones; a TF led by Dean (Research and Development) organized a TedX event on campus; other TFs organized activities for students at the KV and Campus schools on campus; the Central Librarian organized activities like story-telling for campus kids; and a TF led by the Director began a significant study into the economic and social impact that IIT Bombay has had over the last sixty years. This impact survey and report would in itself be a landmark lasting outcome of IIT Bombay's Diamond Jubilee celebrations.

Acknowledgements: Many people helped with the IIT Bombay-Diamond Jubilee activities and events, and I thank each and every one of them. In particular, I thank the IIT Bombay-Diamond Jubilee Celebrations Committee members; the Institute Leadership, including the Director, the Dy Directors, the Deans and Associate Deans; the Registrar and the various sections of IIT Bombay; all staff, students and faculty of IIT Bombay; the Alumni of IIT Bombay and the Alumni leadership in IIT Bombay-Alumni Association and IIT Bombay-Heritage Fondation; the various Task Force Convenors and Task Force members; the Public Relations Officer; and the IIT Bombay-Diamond Jubilee Secretariat staff, Dr. Mrs. Khosla and Mr. Prakash. A detailed list of Task Forces, the IIT Bombay-Diamond Jubilee Celebrations Committee, and other Committees and their members appears in this publication; my thanks to them individually.

*With Best Regards,*  
**Jayesh Bellare**

# List of Board of Governors

**Shri Dilip Shanghvi,**  
Chairman, BoG

**Prof. Devang V. Khakhar**  
Director,  
IIT Bombay, Mumbai - 400 076

## **Council Nominees:**

**Prof Rohini Godbole**  
Centre for High Energy Physics  
Indian Institute of Science Bangalore  
Bangalore – 560012

**Dr. S.S. Sandhu,**  
Additional Secretary  
(Technical Education),  
Ministry of HRD, Shastri Bhawan,  
New Delhi – 110 015

**Shri Sharad Kumar Saraf**  
Chairman & Managing Director,  
Technocraft Group, Bombay  
Technocraft House, A-25, MIDC,  
Marol Industrial Area,  
Road No. 3, Opp ESIC Hospital,  
Andheri (East), Mumbai – 400 093

**Prof. A.B. Pandit**  
U.G.C. Professor,  
Department of Chemical Engineering,  
Institute of Chemical Technology,  
Bombay,  
Matunga, Mumbai – 400 019

## **State Nominees:**

Principal Secretary  
Higher & Technical Education,  
Government of Maharashtra,  
Mantralaya, Mumbai – 400 032

**Shri Praful K. Patel (IAS)**  
Administrator,  
U.T. of Dadra & Nagar Haveli,  
Silvasa – 396 230

## **Senate Nominees:**

**Prof. K. Narasimhan**  
Dept. of Metallurgical Engineering  
and Materials Science,  
IIT Bombay, Mumbai – 400 076

**Prof. Chandra Venkataraman**  
Dept. of Chemical Engineering,  
IIT Bombay, Mumbai – 400 076

## **As invitee:**

**Prof. A.K. Suresh**  
Deputy Director  
(Academic and Infrastructural  
Affairs),  
IIT Bombay,  
Mumbai – 400 076

**Prof. P.M. Mujumdar**  
Deputy Director  
(Finance and External Affairs),  
IIT Bombay,  
Mumbai – 400 076

## Former Chairmen, Board of Governors



**Shri Kasturbhai Lalbhai**  
March 1958 to  
November 1965



**Shri G.L. Mehta**  
November 1965 to  
November 1971



**Dr. H.N. Sethna**  
November 1971 to  
January 1975



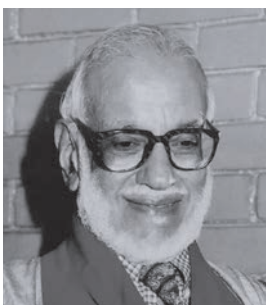
**Dr. R. Ramanna**  
January 1975 to  
June 1984



**Dr. D.V. Kapur**  
June 1984 to April 1994



**Dr. R. Chidambaram**  
April 1994 to April 1997



**Prof. M.G.K. Menon**  
April 1997 to April 2003



**Shri Rahul Bajaj**  
May 2003 to May 2006



**Dr. Anil Kakodkar**  
May 2006 to May 2015

## Former Directors of the Institute



**Brig. Sisir Kumar Bose**  
19 January 1959 to  
9 June 1969



**Dr. P.K. Kelkar**  
14 April 1970 to  
1 July 1974



**Prof. A.K. De**  
July 1974 to July 1980 &  
December 1981 to August 1984



**Prof. Biswajit Nag**  
September 1984 to  
August 1994



**Prof. S.P. Sukhatme**  
January 1995 to  
December 1999



**Prof. Ashok Misra**  
8 May 2000 to  
4 October 2008

# Diamond Jubilee Celebrations Committee Members List

**Prof. Jayesh Bellare**, Convenor

Members include:

**Prof. Subhasis Chaudhari**

**Prof. B. Ravi**

**Prof. Tom V. Mathew**

**Prof. S. Sudarshan**

**Prof. Rangan Banerjee**

**Prof. Neela Nataraj**

**Prof. Prasanna Mujumdar**, Deputy Director (Finance & External Affairs)

**Prof. A. K. Suresh**, Deputy Director (Academic & Infrastructure Affairs)

**Deans**

**Prof. K. P. Kaliappan**, Faculty Affairs

**Prof. Amitava De**, Academic Programmes

**Prof. Suhas Joshi**, Alumni & Corporate Relations

**Prof. Swati Patankar**, International Relations

**Prof. B. V. S. Viswanadham**, Infrastructure Planning & Support

**Prof. Petety V Balaji**, Research & Development

**Prof. Soumyo Mukherji**, Student Affairs

**Prof. Prem Pandey**, Administrative Affairs

**Associate Deans**

**Prof. Prita Pant**, Academic Programmes

**Prof. Anil Kulkarni**, Research & Development

**Prof. Santanu Bandopadhyay**, Infrastructure Planning & Support-I

**Prof. N. Viswanathan**, Infrastructure Planning & Support-II

**Prof. Harish Pillai**, Student Affairs

**Dr. R. Premkumar**, Registrar

**IIT Bombay Development & Resource Foundation**

**Student Representatives:**

**General Secretary** (Hostel Affairs)

**General Secretary** [Academic Affairs- (UG)]

**General Secretary** [Academic Affairs-(PG)]

**Staff Representatives:**

**K. V. Raghuthaman**, Dy. Registrar (Admn.)

**Sunil L. Dhiwar**, Asstt. Registrar (HCU)

**Mahaveer L. Gandosi**, President, NASA

Public Relations Officer **Ms. Falguni Banerjee Naha**, special invitee

IIT Bombay-Diamond Jubilee Secretariat staff: **Dr. Mrs. Kiran Khosla**, special invitee

# IITB Diamond Jubilee Task Forces (TF)

## 1. Logo Task Force (TF)

1. Prof. G.V. Sreekumar, Head of IDC School of Design, Convenor
2. Prof. Mandar Rane, IDC School of Design
3. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
4. Prof. Soumyo Mukherji, Dean (Student Affairs)
5. Public Relations Officer Ms. Falguni Banerjee Naha

## 2. Public Relations and Branding Task Force (TF)

1. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)-Convenor
2. Prof. G.V. Sreekumar, Head, IDC School of Design
3. Prof. Ravi Poovaiah, IDC School of Design
4. Prof. Dinesh Sharma, Shailesh J Mehta School of Management
5. CEO-DRF
6. Mr. Kapil Kaul, DRF
7. Public Relations Officer Ms. Falguni Banerjee Naha
8. Student representative - Gen Sec., Cultural

## 3. Cultural Events Task Force (TF)

1. Prof. Soumyo Mukherji, Dean (Student Affairs)-Convenor
2. Prof. Prasenjit Bhaumik (Chairman, Cultural)-Co-Convenor
3. Prof. K. G. Suresh, Physics Department
4. Prof. Rajesh Zele, Electrical Engineering
5. Mr. Mahaveer Gandosi (President-NASA)

## 4. Memento, Postal stamp and First Day Cover Task Force (TF)

1. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
2. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
3. Prof. B. K. Chakravarthy, IDC School of Design
4. Public Relations Officer Ms. Falguni Banerjee Naha
5. Mr. K.V. Reghuthaman (Dy. Registrar-Admn.)
6. Ms. Manjula Mehta (Executive Officer, Dean ACR's Office)
7. Dr. R. Premkumar, Registrar

## 5. Alumni Events Task Force (TF)

1. Prof. P. Mujumdar, Deputy Director (Finance & External Affairs)
2. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
3. Prof. K. P. Kaliappan, Dean (Faculty Affairs)

4. Prof. Swati Patankar, Dean (International Relations)
5. Prof. Tom V. Mathew (Civil)
6. CEO-DRF
7. Mr. Kapil Kaul - DRF
8. IIT Bombay Alumni Association CEO
9. IIT Bombay-Heritage Foundation representative Ron Mehta
10. Prof. Ali Contractor
11. Local convenor from host city

**6. President's Conclave Task Force (TF)**

1. Prof. Devang Khakhar, Director, Convenor
2. Prof. P. Mujumdar, Deputy Director (Finance & External Affairs)
3. Prof. Swati Patankar, Dean (International Relations)
4. Prof. Jayesh Bellare (ChE) Convenor (Diamond Jubilee)
5. Prof. Narayan Rangaraj (IEOR)
6. Prof. B. Ravi (ME)

**7. Internal Promotion Task Force (TF)**

1. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs), Convenor
2. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
3. Public Relations Officer Ms. Falguni Banerjee Naha
4. Prof. P. Sunthar (ChE)
5. Prof. B. Ravi (ME)
6. Prof. Aniruddha Joshi, IDC School of Design
7. Prof. A. B. Inamdar (CSRE)

**8. TED Tech Talks Task Force (TF)**

1. Prof. P. Balaji, Dean (Research & Development), Convenor
2. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
3. Prof. Sridhar Iyer (Head CDEEP)
4. Prof. P. Sunthar (ChE)
5. Prof. Kannan Moudgalya (ChE)
6. Prof. Preeti Rao (PIC - CE & QIP Office)
7. Public Relations Officer Ms. Falguni Banerjee Naha
8. Prof. Kavi Arya, CSE
9. Prof. Gururajan Mogadlai, MEMS
10. Prof. Rohit Manchanda, BSBE
11. Dr. Rakesh G. Mote, ME
12. Prof. Purushottam Kulkarni, CSE
13. Prof. Sudesh Balan, IDC School of Design

#### **9. IIT Bombay Technology Demonstrator Task Force (TF)**

1. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)-Convenor
2. Prof. P. Balaji, Dean (Research & Development)
3. Prof. M.B. Patil (EE) [Withdrew]
4. Prof. Shyam Asolekar (CESE)
5. Prof. Virendra Sethi (CESE)
6. Prof. Pradipta Banerji (Civil Engg.) [Withdrew]
7. Prof. Sanjay Mahajani (ChE)
8. Prof. Shireesh B. Kedare (DESE)
9. Prof. Sudanshu Mallick (MEMS)
10. Prof. Amit Agrawal (ME)
11. Prof. S. Bandyopadhyay (Assoc. Dean-IPS-II)

#### **10. IIT Bombay Departmental Conference/ Seminar and Open Day Task Force (TF)**

1. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs), Convenor
2. Prof. Amitava De, Dean (Academic Programmes)
3. Respective Heads of each Department/ Centre /Cell or representatives
4. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
5. DRF-CEO
6. Departmental G.Sec. Acad (UG)
7. Departmental G.Sec. Acad (PG)

#### **11. Museum and Archive Task Force (TF)**

1. Prof. Sumant Rao (IDC School of Design)-Convenor
2. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
3. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)
4. Prof. S. P. Sukhatme, former Director
5. Prof. Rohit Manchanda (BSBE) [Withdrew]
6. Prof. Rangan Banerjee (ESE)
7. Prof. U. N. Gaitonde (ME)
8. Prof. Anil Kumar (Chemistry)

#### **12. Clean Campus Task Force (TF)**

1. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)-Convenor
2. Prof. Sanjeev Chaudhari (CESE)
3. Prof. Krithi Ramamritham (CSE)
4. Prof. V. Jothiprakash (CE)
5. Convenor, Security Advisory Committee
6. Ms. Sonali Patwardhan, Resident Architect
7. Public Health Officer

**13. Community Centre Task Force (TF)**

1. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)-Convenor
2. President, NASA Mr. Mahaveer Gandosi
3. Faculty representative (Faculty Incharge, Staff Club)

**14. Crèche Expansion Task Force (TF)**

1. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)
2. Prof. P. Sunthar (ChE) Convenor
3. Prof. Kameswari Chebrolu (CSE)
4. Prof. Shobha Shukla (MEMS)
5. Prof. Dipti Gupta (MEMS)

**16. Artistic Culture on campus Task Force (TF)**

1. Prof. Devang Khakhar, Director (Convenor)
2. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
3. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)
4. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
5. Prof. Ravi Poovaiah, IDC School of Design
6. Prof. Raja Mohanty, IDC School of Design
7. Class of 1990 representative (Ms. Anuradha Narsimhan)

**17. Traditional Art Studio Task Force (TF)**

1. Prof. G. V. Sreekumar, Head (IDC School of Design)-Convenor
2. Prof. Raja Mohanty, IDC School of Design
3. Prof. R. Sandesh, IDC School of Design

**18. Signage on Campus Task Force (TF)**

1. Prof. Devang Khakhar, Director
2. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs), Convenor
3. Prof. Soumyo Mukherji, Dean (Student Affairs)
4. Prof. BVS Vishwanadham, Dean (Infrastructure Planning & Support)
5. CEO-DRF
6. Prof. Mandar Rane (IDC)
7. Public Relations Officer Ms. Falguni Banerjee Naha
8. Supdtg. Engineer Mr. K. P. Unnithan
9. General Secretary (HA)

**19. Economic Impact Assessment Task Force (TF)**

1. Prof. Devang Khakhar, Director, IIT Bombay, Convenor
2. Prof. S. P. Sukhatme, former Director
3. Prof. Ashok Misra, former Director

4. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
5. Prof. Suhas Joshi, Dean (Alumni & Corporate Relations)
6. Prof. P. Balaji, Dean (Research & Development)
7. DRF-CEO
8. Prof. Shishir Jha (Shailesh J Mehta School of Management)
9. Prof. K. P. Kalliappan (Chemistry)
10. Prof. Ali Contractor
11. Mr. Raj Nair (Alumnus)
12. Mr. Ashank Desai (Alumnus)
13. Mr. Ajit Rangnekar (Alumnus)
14. Dr. Ajit Ranade, (Alumnus)
15. Prof. Pushpa Trivedi (HSS)

**20. Student-led events Task Force (TF)**

1. Prof. Soumyo Mukherji, Dean (Student Affairs) Convenor
2. Respective Hostel wardens (for hostel events)
3. Respective student council members
4. G.Sec., MI OC, TF OC, SARC OC (event -specific)

**21. Fun-with-family Task Force (TF)**

1. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
2. Prof. B. V. S. Vishwanadham, Dean (Infrastructure Planning & Support)
3. Prof. Soumyo Mukherji, Dean (Student Affairs)
4. Prof. Anil Kumar (Chemistry) Convenor
5. Prof. Prasenjit Bhaumik (Cultural Chairman)
6. JR-MM

**22. Campus and KV School Outreach Lab Task Force (TF)**

1. Prof. Amitava De, Dean (Academic Programmes)
2. Prof. P. Balaji, Dean (Research & Development)
3. Prof. Supratik Chakraborty (CSE) Convener
4. Prof. Joseph John (EE) & Prof. Ramesh Singh (Tinkerer's Lab.)
5. Prof. Abhijit Majumdar (ChE)
6. Prof. Virendra Sethi (Former KV School Chairman)
7. Prof. Deepankar Choudhury (CE)
8. Prof. P. P. Date (ME) (Campus School Academic Committee)
9. General Secretary (Tech.)
10. Principal, Campus School Mrs. Bhagwat
11. Principal, Kendriya Vidyalaya Mrs. Mamta

**23. Children's Library Section Task Force (TF)**

1. Prof. Amitava De, Dean (Academic Programmes)
2. Prof. Anirudha Joshi (Central Library Chair)
3. Prof. Parag Bhargava (MEMS)
4. Mr. Manju Naika, Librarian, Central Library (Convenor)
5. School Teachers – Campus School/ Kendriya Vidyalay (School Library representatives)

**24. Staff Children Scholarship Task Force (TF)**

1. Prof. P. Mujumdar, Dy. Director (Finance & External Affairs) Convenor
2. Prof. A. K. Suresh, Dy. Director (Academic & Infrastructural Affairs)
3. Scholarship committee head
4. Deputy Registrar (F&A)
5. NASA Representative
6. Dr. R. Premkumar, Registrar (Convenor)

**25. College Outreach program Task Force (TF)**

1. Prof. Amitava De, Dean (Academic Programmes), Convenor
2. Prof. Swati Patankar, Dean (International Relations)
3. Prof. U. A. Yajnik (Physics)
4. Prof. Jagtap (Physics)
5. Prof. Sarika Mehra (ChE)

**26. Distinguished Lecture series Task Force (TF)**

1. Prof. Amitava De, Dean (Academic Programmes)
2. Prof. P. Balaji, Dean (Research & Development)
3. Prof. Anirban Sain (Physics), Convenor,  
Colloquium Committee
4. Prof. Mahesh Tirumkudulu (ChE)
5. Public Relations Officer Ms. Falguni Banerjee Naha
6. DRF-CEO
7. Prof. Sridhar Iyer, Head, CDEEP

**27. Gift to Staff and Faculty on Occasion of Diamond Jubilee (TF)**

1. Prof. P. Mujumdar, Dy. Director (Finance & External Affairs), Convenor
2. Prof. A. K. Suresh, Dy Director (Academic & Infrastructural Affairs)
3. Dr. R. Premkumar, Registrar
4. Prof. Anilkumar (Chem, Fun with Family TF)
5. NASA Representative Mr. M.Gandosi

# Summary of IIT Bombay- Diamond Jubilee Task Force Outcomes

- 1. Logo Task Force (TF):** A logo and tag line competition was held in an open contest call. It led to several excellent entries from which finalists were chosen and a logo and tag line that adorns the cover of this document were selected. This has been used for all activities and events during the Diamond Jubilee year.
- 2. PR and Branding Task Force (TF):** This TF selected a public relations and branding company that will continue to work on a public relations and branding policy for IIT Bombay that will inspire and endure.
- 3. Cultural Events Task Force (TF):** This TF organised a series of cultural events starting with the occasion of Foundation Day 2018 and many other performances including additional performances to regular events like Virasat, Mood Indigo and TechFest.
- 4. Memento, Postal stamp and first day cover Task Force (TF):** A postal stamp and cover was commissioned through India Post and distributed as a memento to visitors and speakers at various Diamond Jubilee events like those in Departments and Centres.
- 5. Alumni Events Task Force (TF):** A series of well-attended alumni gatherings were held at several locations in India and in the US. This helped reconnect with alumni and helped strengthen links that will facilitate future alumni-connect drives.
- 6. President's Conclave Task Force (TF):** The TF decided to defer the Conclave to a future occasion.
- 7. Internal Promotion Task Force (TF):** Internal promotion for IIT Bombay-Diamond Jubilee activities and events was done through normal internal communication channels.
- 8. TED Talks Task Force (TF):** A TedX event was successfully conducted on Saturday, January 19, 2019, at the Open Air Theatre, SAC-Gymkhana at IIT Bombay with the theme: "Science (f)or People."
- 9. IIT Bombay Technology Demonstrator Task Force (TF):** An air quality monitoring station was set up on campus with help of MPCB. Various other initiatives like zero-discharge campus were discussed and implementation modalities are being looked into.
- 10. IITB Departmental Conference / Seminars and Open Day Task Force (TF):** Many Departments and Centres of IIT Bombay took advantage of this very successful initiative to have marquee conferences, open days and workshops that took stock of various academic, pedagogical and research issues in their respective disciplines so as to get ideas to plan for the next decade.
- 11. Museum and Archive Task Force (TF):** A proposal for starting an archive room on campus and for an online museum through virtual / augmented reality was developed; this would later evolve into a physical museum.
- 12. Clean Campus Task Force (TF):** Plans for a zero-discharge campus were discussed and implementation modalities are being looked into.
- 13. Community Centre Task Force (TF):** The long-pending plan for a new community centre for benefit of IIT Bombay campus residents was reprioritized with heightened urgency and is awaiting further approvals.

- 14. Crèche Expansion Task Force (TF):** An extension of the existing crèche was initiated.
- 16. Art and Culture on campus Task Force (TF):** Various proposals to instil elements of art and culture on Campus were formulated and put up for consideration of the Institute.
- 17. Traditional art studio Task Force (TF):** A proposal to set up a traditional art studio was formulated and put up for funding.
- 18. Signage on campus Task Force (TF):** A proposal to set up several outdoor display boards and campus signage was formulated and is being further discussed.
- 19. Economic Impact Assessment Task Force (TF):** A set of measures (key performance indications or KPIs) was developed that can capture the various impact facets of an academic institution on a nation and world. Such KPIs would enable an assessment of the economic and social impact that an institution like IIT Bombay has had. An ambitious survey with alumni and faculty to capture these KPIs was commissioned. This survey is expected to result in a document outlining the economic and social impact that IIT Bombay has had over the last 60 years.
- 20. Student-led events Task Force (TF):** Various student-led events including Mood Indigo and TechFest were augmented by providing funding incentives like reduced overheads.
- 21. Fun-with-family Task Force (TF):** The TF came up with various alternatives but it was eventually decided to instead consider giving a gift to staff and faculty. This led to a new Task Force on “Gift to Staff and Faculty on occasion of Diamond Jubilee”.
- 22. Campus and KV School Outreach Lab Task Force (TF):** Various events and activities were organized at Campus School and KV; this included lectures, visits for star-gazing, and a hands-on session where each of the participating school children built an electrical motor themselves. Plans for an high-technology, hands-on lab for school kids to use a few sophisticated equipment themselves was proposed and is awaiting funding. Possibilities of extending this and other activities like robotics labs to other outside schools was discussed and could be implemented in future. Various NGOs approached us to express interest in spreading this outside, including to low-resource schools.
- 23. Children’s Library Section Task Force (TF):** The Central Library organized several story-telling events that were well attended by children of campus residents. A children’s section in Central Library has been developed and will be inaugurated shortly.
- 24. Staff Children Scholarship Task Force (TF):** The TF has prepared a draft document outlining details of a scholarship scheme for meritorious children of IITB staff so as to assist them in their higher education. Once finalized, the scheme will be put up for approval and execution.
- 25. College Outreach program Task Force (TF):** It was decided to defer this to a future occasion.
- 26. Distinguished Lecture series Task Force (TF):** Several distinguished lectures were held by this TF.
- 27. Gift to Staff and Faculty on Occasion of Diamond Jubilee (TF):** A commemorative golden memento incorporating the Institute as a motif was designed and recommended to the Institute as a possible gift to staff and faculty on occasion of IITB’s Diamond Jubilee

## IIT Bombay - Diamond Jubilee Events & Activities

Sr. No.	Date	Topic	Speaker	Name of the Lecture
1	2018-03-22	Space Astronomy in India - Great Collaborative Opportunities for Scientists and Technologists	Prof. Ajit Kembhavi, Emeritus Professor and Raja Ramanna Fellow, Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune	Institute Colloquium
2	2018-03-23	Solidification in 4D: from Dendrites to Eutectics	Prof. Peter Voorhees, Frank C. Engelhart Professor of Materials Science and Engineering, Northwestern University, USA	Institute Lecture
3	2018-04-06	Culture as a tool for Inclusion/ Economics of Culture/ Road to Peace/ Social Entrepreneurship - a Cultural Way Forward	Mr. Amitava Bhattacharya, CEO of NGO banglanatak.com	Institute Lecture
4	2018-04-11	Scaling behaviour, scale invariance, and power laws in the natural sciences	Prof. V. Balakrishnan, Professor Emeritus, IIT Madras	Institute Lecture
5	2018-04-13	Challenges of implementing GST in Indian Federation	Mr. Arun Goyal, Special Secretary in the Goods and Services Tax (GST) Council	Institute Lecture
6	2018-07-27	Are More Choices Better and Other Tales About Decision-making?	Prof. Sudipta Sarangi, Professor and Head, Economics, Virginia Tech, Blacksburg	Institute Lecture
7	2018-08-02	Teaching to Promote Student Learning: Evidence Supporting the Efficacy of Research-based Instructional Approaches	Prof. Jeffrey E. Froyd, Professor, Department of Engineering Education, Ohio State University	Institute Lecture
8	2018-09-18	Gender Justice and Constitutional Law	Justice Ruma Pal, Former Justice, Supreme Court of India	Institute Lecture Series on the Indian Constitution
9	2018-09-19	Quality Practices in ISRO	Dr. Suresh M R, Director. DSRQ & DOHS ISRO HQ, Bengaluru	Steel Colloquium
10	2018-10-24	The Nobel Prize in Physics - 2018 : Optical Tweezers and Nanoscale Biological Machines	Prof. Roop Mallik, Professor, Tata Institute of Fundamental Research (TIFR), Mumbai	Institute Lecture

Sr. No.	Date	Topic	Speaker	Name of the Lecture
11	2018-10-25	From Challenges to Leadership: Water and Environmental Technologies in Singapore	Dr. Adil Minoo Dhalla, Managing Director, Separation Technologies Applied Research and Translation (START) Centre, Singapore	Institute Lecture
12	2018-11-26	Adhesion and Fracture of Soft Materials	Prof. Animangsu Ghatak, Department of Chemical Engineering, IIT Kanpur	Distinguished Lecture in Chemical Engineering
13	2018-12-05	Making invisible visible using invisible light	Prof. Kiyoshi Ueda, Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Japan	IIT Bombay Diamond Jubilee Distinguished Lecture
14	2019-02-01	The 'Cold Economy': A New Approach to Cooling	Dr. Tim Fox, Chair, IMechE Process Industries Division Board, Royal Academy of Engineering. Independent Consultant Visiting Professor of Clean Energy and Public Engagement at Exeter University, UK	Institute Lecture
15	2019-02-01	What's New in an Old Industry: Oil & Gas in an Era of Decarbonization	Prof. Mark D. Zoback, Benjamin M. Page Professor of Geophysics at Stanford University; Director of the Stanford Natural Gas Initiative and Co-Director of the Stanford Center for Induced and Triggered Seismicity, Stanford University, USA	IIT Bombay Diamond Jubilee Distinguished Lecture
16	2019-02-05	Atmospheric Corrosion of Galvanized Steel and Zinc Alloyed Steel	Prof. Dominique Thierry, French Corrosion Institute Brest, France	Steel Colloquium
17	2019-02-22	Women in Science: status, goals and action plans	Prof. Rohini Godbole, Professor, Indian Institute of Science (IISc), Bangalore	IIT Bombay Gener Cell Diamond Jubilee Distinguished Lecture
18	2019-03-01	India@2030! How Tech Entrepreneurs will help create a 10Tr\$ Economy	Mr. T. V. Mohandas Pai, Co-founder & Chairman, Aarin Capital	New India Manthan - Leadership Talk

19	2019-03-04	The fluid mechanics and politics of carbon storage to avert climate catastrophe	Prof. Herbert Huppert, Emeritus Professor of Theoretical Geophysics, Department of Applied Mathematics and Theoretical Physics (DAMTP), University of Cambridge	IIT Bombay Diamond Jubilee Distinguished Lecture
20	2019-03-07	Real-Time Optimization-Methods applications	Prof. Dominique Bonvin, ETH Switzerland	Institute Distinguished Lecture (in memory of Prof. K.C. Khilar)
21	2019-03-08	Green Technologies & Sustainable Environment	Prof. David Y.H. Pui, Distinguished McKnight University Professor, LM Fingerson/TSI Inc. Chair in Mechanical Engineering, University of Minnesota, Minneapolis	IIT Bombay Diamond Jubilee Distinguished Lecture
22	2019-03-11	Bilateral relationship between India and Japan and benefits of learning Japanese language	H. E. Mr. Kenji Hiramatsu, Ambassador of Japan	Institute Lecture
23	2019-03-17	TBA	Prof. Ashoke Sen Distinguished Professor Harish-Chandra Research Institute (HRI)	Institute Lecture

#### ■ Diamond Jubilee Musical Concert on March 9, 2018

IIT Bombay students had organised a pre-event “Raagadarshan” to start the Diamond Jubilee celebrations of IIT Bombay on a high note on March 9, 2018. “Raagadarshan” - An evening of musical dialogue included eminent Hindustani vocal maestro Padmashri Pt. Ajoy Chakrabarty and his able disciples Mr. Purbayan Chatterjee (on sitar), Mr Kaustuv Kanti Ganguli (vocal), Pt. Yogesh Samsi (on tabla) and Mr Ajay Joglekar (on harmonium).

#### ■ 59th Foundation Day

March 10, 2018 was celebrated as 59th IIT Bombay Foundation Day. On the occasion, the Chief Guest for the function, Honourable Governor of Maharashtra Shri CH. Vidyasagar Rao unveiled the plaque for new Guest House Padmavihar in the presence of the Guest of Honour Dr. Anil Kakodkar, Ex-Chairman, Board of Governors, IIT Bombay. The fitting epitaph to (kick start) the Diamond Jubilee year was the release of Institute Postal Stamp and the Diamond Jubilee Logo by the Chief Guest Shri CH. Vidyasagar Rao at the function. In his inaugural address, Shri CH. Vidyasagar Rao said, “Like the ‘Make In India’, we must implement ‘Teach In India’ programme to associate best faculty with our institutions”.

■ **Steel Symposium (May 16 - 17, 2018) organised by the Centre of Excellence in Steel Technology, Department of Metallurgical Engineering and Material Science, IIT Bombay**

■ **Colloquium on Gender Challenges in Urban Transformation (August 23 - 24, 2018) organised by the Centre for Urban Science and Engineering**

■ **IDP-ET Conference on the Future of Educational Technology in India**

- (a) Open House (half day) was held on June 4, 2018
- (b) IIT Bombay showcase as a part of ICALT was held on July 10, 2018 (4 to 6 pm)
- (c) Diamond Jubilee event (with showcase) was held on July 13, 2018

■ **Department of Computer Science & Engineering had organised:**

- (a) Grad Cohort India, 2018 in IIT Bombay on July 6 and 7, 2018
- (b) Algorithms for Big Data held during February 18 - 22, 2019
- (c) Deep Learning: Basics to Applications held during February 25 - 27, 2019

■ **Department of Energy Science and Engineering had organised:**

- (a) Workshop on “Future of Energy Research and Education”
- (b) Student Solar Ambassador Workshop, October 2, 2018

■ **Department of Civil Engineering had organised:**

- (a) Two days National Conference titled “Next Frontiers in Civil Engineering: Sustainable and Resilient Infrastructure” to showcase the future trends in Civil Engineering during November 30 - December 1, 2018.
- (b) Open Day on October 27, 2018

■ **Department of Earth Sciences had organised AEG - 40th Annual convention and Seminar during November 1-3, 2018**

■ **Department of Mechanical Engineering had organised National Society For Fluid Mechanics and Fluid Power (FMFP) during December 10-12, 2018**

■ **Department of Biosciences and Bioengineering had organised:**

- (a) Two days National Conference during February 15-16, 2019
- (b) Symposium on Evolutionary Biology, March 2, 2019

■ **Department of Metallurgical Engineering and Material Science had organised International Symposium on Converters in Metal Processing during December 6-8, 2018**

■ **Department of Chemistry had organised Chemistry Symposium during February 25-28, 2019**

■ **IDC School of Design had organised:**

- (a) Typography Day during March 2-4, 2019
- (b) Design Education Symposium during March 15-16, 2019

■ **Campus School had organised:**

- (a) Theatre Workshop during November 12-17, 2018
- (b) Poetry and music workshop during November 22-24, 2018
- (c) Star gazing events on March 29 and 30, 2019

■ **Tata Centre of Technology and Design had organised Symposium on “Towards a Zero Waste approaches” during November 23 7 24, 2018**

■ **Centre of Studies in Resource Engineering had organised talk by Prof. Mihai Datcu on February 27, 2019**

■ **System and Control Engineering had organised talk on “Current Trends and Future Directions in Control” during January 16-17, 2019**

■ **Department of Electrical Engineering had organised:**

- (a) One-day symposium on Recent Advances in Speech Prosody Research
- (b) Games on ‘Networks and Queues’ during January 16-18, 2019

■ **Department of Chemical Engineering had organised Symposium on January 20, 2019**

■ **Department of Aerospace Engineering had organised Alumni Meet and Panel Discussion on “Emerging Trends and opportunities in Aerospace Engineering” on February 2, 2019**

■ **Shailesh J Mehta School of Management had organised:**

- (a) Talk on ‘Indian Economy and its Transformation and Future Outlook’ on October 25, 2018
- (b) Talk on ‘Water conservation and Entrepreneurship in Maharashtra’ on October 26, 2018
- (c) Business festival Avenues during October 27-28, 2018

■ **Centre for Environmental Science and Engineering had organised National Environmental Conference during January 31 to February 2, 2019**

**Some of the other events/ activities include:**

- Story telling session for children (under 10 years) residing in the campus. Four sessions were conducted.
- Cultural and technical events related to students
- Campus School and KV School outreach programme
- Campus School conducted two workshops: ‘Theatre WS’ and ‘Music & Poetry’
- Varshstuti musical event was organised by Alumni Association

Other activities planned during the year include boosting infrastructure, providing scholarship for IIT staff children etc.

## Economic & Social Impact of IIT Bombay

The need for human capital apart from physical capital in the growth process for an economy has been emphasized in economics literature. The growth and development of an economy based on the former is also deemed to be sustainable, since it is based on increased productivity rather than availability of resources. Being a visionary, Our first Prime Minister Pandit Jawaharlal Nehru realized the need for scientists and technologists of the highest competence to help in the process of nation building and thereby achieve self-reliance in regards to India's technological needs.

Indian Institutes of Technology were founded on this vision of Pandit Nehru.

As the Institute is completing sixty years of its existence and celebrating the diamond jubilee (2018-19), a taskforce was set up to study the Economic and Social Impact of Indian Institute of Technology Bombay and bring out a report based on the same. It may not be out of place to mention that several reputed universities have conducted such studies and IIT Bombay's study would be a pioneering one for any Indian educational institution.

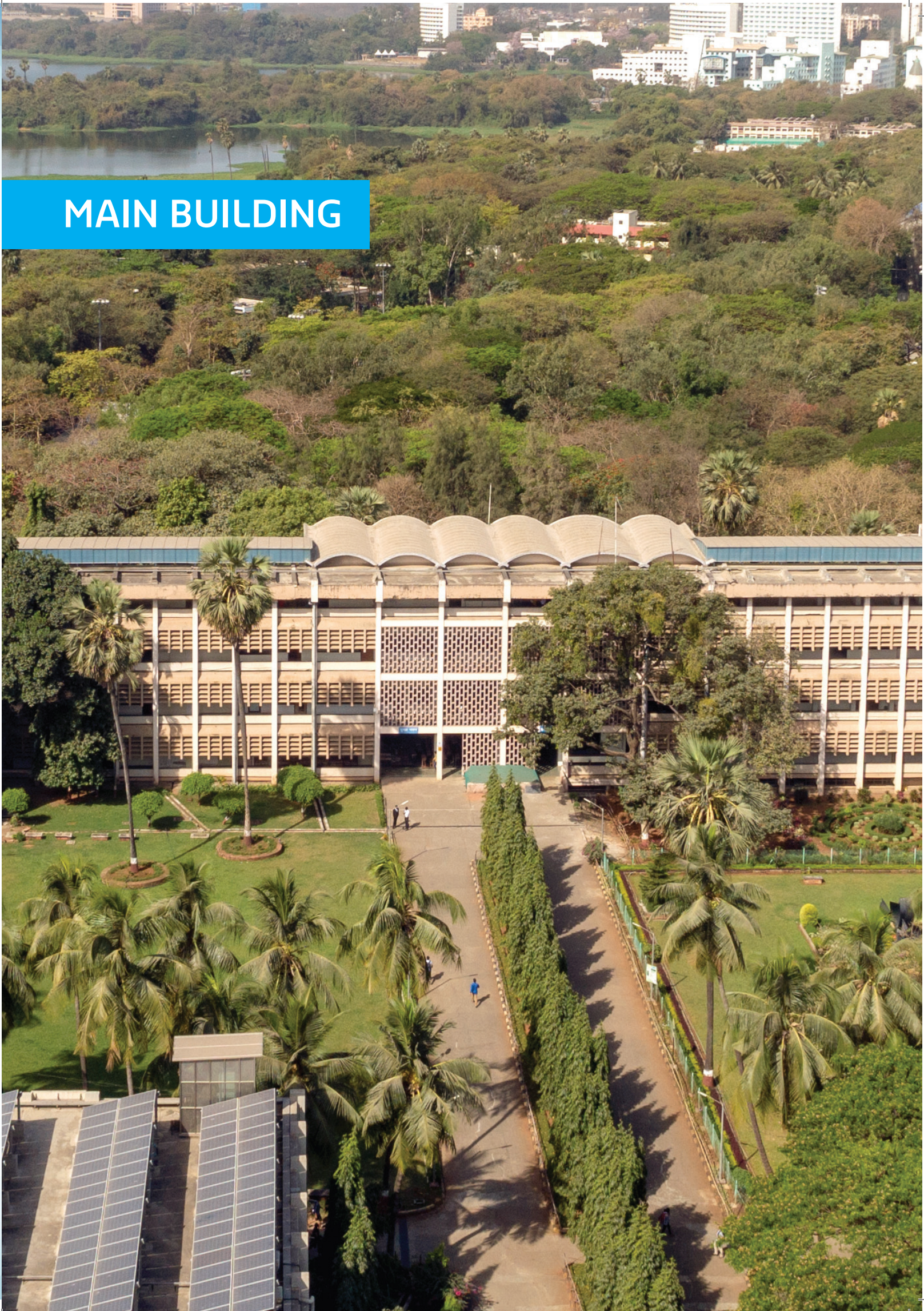
Under distinguished leadership of the IIT Bombay Board of Governors and the Director, IIT Bombay has excelled in teaching research and innovation.

The faculty, alumni, students and staff - all have contributed in the process of development of the Institute. Hence, the economic and social contribution of these stakeholders is being measured both in quantitative and qualitative terms. By and large, the IIT Bombay faculty have exposure to the best educational institutes and, along with the alumni, have made their presence felt even on the global scene. The study aims to measure the economic contribution in terms of human capital, employment generation, revenue generation and income earned.

These contributions are made through various roles that the above-mentioned stakeholders have played in their diverse roles as employees, academicians, entrepreneurs, members of boards, angel investors, informal mentors of companies, business consultants etc.

Besides these, some of the alumni have also engaged themselves in public life, social work, creative pursuits etc. The social impact is being captured through these activities of the alumni and faculty. The student body of IIT Bombay has been actively engaged in research and have made their mark internationally. In brief, the proposed study aims to examine the contribution of the Institute and also benchmark itself with the best global universities.

# MAIN BUILDING



# CAMPUS





IIT BOMBAY  
STRATEGIC PLAN (2017-2022)



## Goal

IIT Bombay, as a modern research university, performs a diverse set of activities, which include :

- Educating high quality manpower with the required skills and knowledge at both undergraduate and postgraduate levels
- Generating new knowledge through fundamental research
- Being a repository of knowledge and of experts
- Being a source of new ideas and independent opinions through scholarships
- Being a source of innovation leading to solution of local problems, development of new products, processes, and formation of new businesses, leading to wealth and employment generations.

Growth in vibrant economies of the world has been fuelled by innovations, disruptive technology, and product development, which have roots in state-of-the-art research and education in academic institutions. Such institutions are strategic assets of a nation, contributing to both, national prosperity and national security. Successful institutions have strong links with local communities and industry, and contribute to the city, the region and the nation's development and growth. It is recognized that technology has a major role in transforming lives. Creating an enabling ecosystem for innovation and entrepreneurship is, thus, a key activity for progressive educational institutes. The Institute Strategy and Planning Committee (ISPC) has prepared the strategic plan of IIT Bombay in this context.

In addition to the broad range of activities that the Institute carries out in pursuit of its mission, the following goals have been identified to be given special emphasis in the strategic plan:

1. Enhance engagement with society and industry
2. Broaden educational areas
3. Improve internal support systems
4. Enhance student experience
5. Broaden funding base
6. Attract international students and faculty
7. Advance frontiers of knowledge
8. Enhance diversity
9. Enhance alumni engagement
10. Develop a cleaner and greener campus

**Table 1. Trends in select indicators for IIT Bombay**

Progress Indicators						
Year	2011	2012	2013	2014	2015	2016
Total Students	7767	8324	9207	9870	10001	10169
Total Faculty	498	538	546	573	596	625
Total Staff	1257	1237	1216	1182	1136	1054
PhD Students	1895	2046	2518	2884	2894	3022
Female Students	1165	1257	1470	1688	1762	1827
Degrees Conferred	1610	1808	1810	2270	2389	2515
Courses Offered	1428	1422	1496	1552	1636	1700
Journal Publications	823	937	1034	1210	1191	1374
No. of R & D Projects	720	757	748	807	790	924
Patents Filed	100	99	76	83	142	106
Annual R & D Funding (in crores)*	190	294	214	243	252	390
Plan Budget (in crores)*	248	188	266	200	181	158
Non-plan Budget (in crores)*	202	256	212	269	322	345

\* Financial Year

# Patrons of the Institute

## Distinguished Alumnus Awardees

1983	Dr. R.H.G. Rao	B.Tech. 1962 Metallurgy Engineering
	Dr. S. Rama Iyer	M.Tech. 1962 Chemical Engineering
	Dr. Lalit S. Kanodia	B.Tech. 1963 Mechanical Engineering
	Dr. Avinash D. Kulkarni	B.Tech. 1963 Metallurgy Engineering
	Dr. N. Venkatramani	B.Tech. 1964 Electrical Engineering
	Prof. Suhas Patankar	M.Tech. 1965 Mechanical Engineering
	Dr. Shantaram G. Kane	B.Tech. 1965 Chemical Engineering
	Dr. Arun David	B.Tech. 1966 Chemical Engineering
	Dr. Narayan Pisharoty	B.Tech. 1966 Electrical Engineering
	Dr. A.L. Ravimohan	B.Tech. 1967 Chemical Engineering
	Dr. K.P.K. Nair	PhD 1968 Mechanical Engineering
	Dr. L. R. Subramanyam	M.Tech. 1968 Electrical Engineering
	Prof. Dady Burjorji Dadyburjor	B.Tech. 1970 Chemical Engineering
1996	Dr. S. Rama Iyer	PhD 1965 Chemical Engineering
	Dr. S. Banerjee	PhD 1966 Metallurgy Engineering
	Dr. Arun N. Netravali	B.Tech. 1967 Electrical Engineering
	Dr. Romesh Wadhvani	B.Tech. 1969 Electrical Engineering
	Prof. Narendra Kumar	PhD 1971 Physics
	Mr. Suhas S. Kakde	DIIT 1973 Industrial Design Centre
	Dr. Narendra K. Karmarkar	B.Tech. 1978 Electrical Engineering
	Dr. Kota Harinarayana	Ph.D. 1984 Aerospace Engineering
	Prof. Sharad S. Sane	M.Sc. 1974, PhD 1979 Mathematics
1997	Prof. Uday G. Karmarkar	B.Tech. 1968 Chemical Engineering
	Mr. Rajeev Arora	B.Tech. 1969 Mechanical Engineering
	Mr. Victor J. Menezes	B.Tech. 1970 Electrical Engineering
	Mr. Sudhakar V. Shenoy	B.Tech. 1970 Electrical Engineering
	Mr. Rajeev M. Pandia	B.Tech. 1971 Chemical Engineering
	Prof. Pramod P. Khargaonkar	B.Tech. 1977 Electrical Engineering
	Dr. Badri Prasad	M.Tech. 1968, PhD 1973 Metallurgy Engineering
1998	Mr. Shiv Narain Mathur	B.Tech. 1967 Chemical Engineering

	<b>Mr. Vikram Rajadhyaksha</b>	B.Tech. 1967 Civil Engineering
	<b>Mr. Lakshminarayanan R. Subramanyan</b>	M.Tech. 1968 Electrical Engineering
	<b>Mr. Venkatesh Kasturirangan</b>	B.Tech. 1969 Chemical Engineering]
	<b>Dr. Ramani Ayer</b>	B.Tech. 1969 Chemical Engineering
	<b>Dr. Dileep Bhandarkar</b>	B.Tech. 1970 Electrical Engineering
	<b>Dr. Jitendra Bhatia</b>	B.Tech. 1967, M.Tech. 1969, PhD 1973 Chemical Engineering
<b>1999</b>	<b>Mr. Sharad Kumar Saraf</b>	B.Tech. 1969 Electrical Engineering
	<b>Mr. Deepak Satwalekar</b>	B.Tech. 1971 Mechanical Engineering
	<b>Prof. Dr.-Ing Bharat Balasubramanian</b>	B.Tech. 1973 Mechanical Engineering
	<b>Dr. Ravindran Kannan</b>	B.Tech. 1974 Electrical Engineering
	<b>Wg.Cdr.R. Raghavan</b>	DIIT 1974 Computer Engg.
	<b>Mr. Atul Vijaykar</b>	B.Tech. 1976 Chemical Engineering
	<b>Dr. Shankar Sastry</b>	B.Tech. 1977 Electrical Engineering
	<b>Shri. Nandan M. Nilekani</b>	B.Tech. 1978 Electrical Engineering
<b>2000</b>	<b>Mr. Kanwal Rekhi</b>	B.Tech. 1967 Electrical Engineering
	<b>Dr. Bharat T. Doshi</b>	B.Tech. 1970 Mechanical Engineering
	<b>Dr. Sudhir P. Mudur</b>	B.Tech. 1970 Electrical Engineering
	<b>Dr. Behruz Sethna</b>	B.Tech. 1971 Electrical Engineering
	<b>Mr. Achyut S. Godbole</b>	B.Tech. 1972 Chemical Engineering
	<b>Mr. Shashikant D. Limaye</b>	M.Tech. 1974 Civil Engineering
	<b>Dr. Vivek S. Borkar</b>	B.Tech. 1976 Electrical Engineering
	<b>Mr. Anuvrata (Dunu) K. Roy</b>	B.Tech. 1967, M.Tech 1970 Chemical Engineering
<b>2001</b>	<b>Mr. J.K. Tandon</b>	B.Tech. 1962 Metallurgy Engineering
	<b>Mr. Edul Minoo Daver</b>	B.Tech. 1966 Metallurgy Engineering
	<b>Mr. Rajiv L. Gupta</b>	B.Tech. 1967 Mechanical Engineering
	<b>Mr. Ramesh Chandra Agarwal</b>	B.Tech. 1968 Electrical Engineering
	<b>Mr. Alexander Luke</b>	B.Tech. 1971 Civil Engineering
	<b>Mr. Jairam Ramesh</b>	B.Tech. 1975 Mechanical Engineering
	<b>Mr. Manohar Parriker</b>	B.Tech. 1978 Metallurgy Engineering
	<b>Mr. P.L. Bongirwar</b>	B.Tech. 1967, M.Tech. 1970 Civil Engineering
	<b>Mr. Ajit Shelat</b>	B.Tech. 1977, M.Tech. 1980 Electrical Engineering

<b>2002</b>	<b>Mr. Dinesh Mohan</b>	B.Tech. 1967 Mechanical Engineering
	<b>Mr. Jagmohan Mundhra</b>	B.Tech. 1968 Electrical Engineering
	<b>Mr. Parag Rele</b>	B.Tech. 1969 Chemical Engineering
	<b>Mr. Ashank Desai</b>	M.Tech. 1974 Mechanical Engineering
	<b>Mr. Avinash Manudhane</b>	B.Tech. 1975 Chemical Engineering
	<b>Mr. Krishnanand Prabhu</b>	M.Sc. 1975 Physics
	<b>Dr. Rajesh Mashruwala</b>	B.Tech. 1975 Mechanical Engineering
	<b>Dr. Satish Balram Agnihotri</b>	M.Sc. 1976 Physics
<b>2003</b>	<b>Dr. R.K. Bhandari</b>	M.Tech. 1964 Civil Engineering
	<b>Dr. Sundaresan Asokan</b>	M.Sc. 1971 Applied Geology
	<b>Dr. Shailesh Mehta</b>	B.Tech. 1971 Mechanical Engineering
	<b>Dr. Sadanand D. Joshi</b>	M.Tech. 1975 Mechanical Engineering
	<b>Prof. Chaitan Khosla</b>	B.Tech. 1985 Chemical Engineering
	<b>Dr. Arunava Majumdar</b>	B.Tech. 1985 Mechanical Engineering
	<b>Mr. Ravi Venkatesan</b>	B.Tech. 1985 Mechanical Engineering
	<b>2004</b>	<b>Dr. Prabodh V. Banavalkar</b>
<b>Prof. Rohini M. Godbole</b>		M.Sc. 1974 Physics
<b>Mr. Bharat N. Desai</b>		B.Tech. 1975 Electrical Engineering
<b>Dr. Subramanian S. Iyer</b>		B.Tech. 1977 Electrical Engineering
<b>2005</b>	<b>Mr. Sharad Kumar Tak</b>	B.Tech. 1966 Electrical Engineering
	<b>Mr. Suresh Satramsingh Lulla</b>	B.Tech. 1967 Mechanical Engineering
	<b>Dr. Manthiram Natarajan</b>	M.Tech. 1970 Mechanical Engineering
	<b>Mr. Pramod Madhukar Chaudhari</b>	B.Tech. 1971 Mechanical Engineering
<b>2006</b>	<b>Dr. Yogen Kantilal Dalal</b>	B.Tech. 1972 Electrical Engineering
	<b>Dr. Satish Ramnath Shetye</b>	M.Sc. 1973 Physics
<b>2007</b>	<b>Dr. N. Radhakrishnan</b>	M.Tech. 1962 Civil Engineering
	<b>Mr. Shailesh R. Gandhi</b>	B.Tech. 1969 Civil Engineering
	<b>Mr. Prashant N. Ranade</b>	B.Tech. 1975 Mechanical Engineering
	<b>Mr. Ramesh Vaikuntanathan Vangal</b>	B.Tech. 1977 Mechanical Engineering
	<b>Mr. Rakesh Mathur</b>	B.Tech. 1978 Mechanical Engineering
	<b>Prof. Nitin Nohria</b>	B.Tech. 1984 Chemical Engineering
	<b>Dr. Sheel Kant Sharma</b>	M.Sc. 1971, PhD 1974 Physics

<b>2008</b>	<b>Mr. Arun Hastimal Firodia</b>	B.Tech. 1965 Electrical Engineering
	<b>Dr. Suresh Pal Sethi</b>	B.Tech. 1967 Mechanical Engineering
	<b>Mr. Ravindra Sitaram Gupta</b>	M.Sc. 1973 Chemistry
	<b>Dr. Jairaj Moreshwar Phatak</b>	M.Sc. 1975 Physics
	<b>Dr. Rajeev Vasant Joshi</b>	B.Tech. 1977 Mechanical Engineering
<b>2009</b>	<b>Dr. Ajit Keshav Ranade</b>	B.Tech. 1982 Electrical Engineering
	<b>Dr. Chetan Chitnis</b>	M.Sc. 1983 Physics
	<b>Mr. Girish Jaywant Gaitonde</b>	B.Tech. 1983 Electrical Engineering
	<b>Dr. Dhirendra N. Buragohain</b>	B.Tech. 1963, M.Tech. 1965, PhD 1969 Civil Engineering
<b>2010</b>	<b>Mr. R. Chandrashekhar</b>	M.Sc. 1973 Chemistry
	<b>Dr. Nitish Thakor</b>	B.Tech. 1974 Electrical Engineering
	<b>Mr. Colin H. Gonsalves</b>	B.Tech. 1975 Civil Engineering
	<b>Mr. Adilsiraj Zainulbhai Karachiwala</b>	B.Tech. 1977 Mechanical Engineering
	<b>Mr. Madhu Pandit Dasa (Madhusudan Srivashankar)</b>	B.Tech. 1981 Civil Engineering
<b>2011</b>	<b>Dr. Jayant Sathaye</b>	B.Tech. 1969 Mechanical Engineering
	<b>Dr. Roop Jyoti</b>	B.Tech. 1970 Chemical Engineering
	<b>Mr. Girish G. Sohani</b>	B.Tech. 1977 Mechanical Engineering
	<b>Dr. Pratim Biswas</b>	B.Tech. 1980 Mechanical Engineering
<b>2012</b>	<b>Mr. Jitendra Saxena</b>	B.Tech. 1966 Electrical Engineering
	<b>Dr. Ravendra Chopra</b>	B.Tech. 1968 Metallurgy Engineering
	<b>Mr. Rajendra Desai</b>	B.Tech. 1970 Civil Engineering
	<b>Ms. Marlene Kanga (Fernandez)</b>	B.Tech. 1976 Chemical Engineering
	<b>Mr. Arjun Divecha</b>	B.Tech. 1979 Aerospace Engineering
	<b>Mr. Sanjai Kohli</b>	B.Tech. 1979 Aerospace Engineering
	<b>Dr. Imran Siddiqi</b>	M.Sc. 1981 Chemistry
	<b>Prof. Vinayak P. Dravid</b>	B.Tech. 1984 Metallurgy Engineering
<b>Dr. Mahesh Mehendale</b>	B.Tech. 1984 Electrical Engineering M.Tech. 1986, PhD 2000 Computer Science Engineering	
<b>2013</b>	<b>Dr. Nagesh Palepu</b>	M.Sc. 1972 Chemical Engineering
	<b>Ms Neera Adarkar</b>	DIIT 1974 Industrial Design Centre
	<b>Dr. Jayant Sabnis</b>	B.Tech. 1975 Mechanical Engineering

	<b>Mr. Daniel Dias</b>	B.Tech. 1976 Electrical Engineering
	<b>Mr. Amarnath Bhide</b>	B.Tech. 1977 Chemical Engineering
	<b>Mr. Shantanu Khosla</b>	B.Tech. 1981 Mechanical Engineering
	<b>Mr. Ashok Kamath</b>	M.Sc. 1981 Mathematics
	<b>Mr. Satyajit Mayor</b>	M.Sc. 1985 Chemical Engineering
	<b>Mr. Satyendra Pakhale</b>	M.Des. 1991 Industrial Design Centre
<b>2014</b>	<b>Dr. Ing. Anil Anwikar</b>	B.Tech. 1964 Civil Engineering
	<b>Mr. V.P. Baligar</b>	B.Tech. 1978 Civil Engineering
	<b>Mr. Ashish Kumar Chauhan</b>	B.Tech. 1989 Mechanical Engineering
	<b>Mr. Toos Daruvala</b>	B.Tech. 1977 Electrical Engineering
	<b>Dr. Shyam Dighe</b>	B.Tech. 1974 Chemical Engineering
	<b>Dr. Rajesh S. Gokhale</b>	M.Sc. 1990 BioTechnology
	<b>Mr. Ram V. Kelkar</b>	B.Tech. 1980 Electrical Engineering
	<b>Dr. Kasim A. Mookhtiar</b>	M.Sc. 1980 Chemistry
	<b>Mr. Suresh V. Shenoy</b>	B.Tech. 1972 Metallurgical Engineering
	<b>Mr. Deepak V. Vaidya</b>	B.Tech. 1970 Chemical Engineering
<b>2015</b>	<b>Prof. Srinivasan Raghunathan</b>	M.Tech. 1966, PhD, 1970 Mechanical Engg.
	<b>Prof. Ajit Rangnekar</b>	B.Tech. 1968 Chemical Engineering
	<b>Prof. R.V. Hosur</b>	B.Tech. 1973 Chemistry
	<b>Dr. Vijaya K. Gallagher</b>	B.Tech. 1976 Electrical Engineering
	<b>Prof. Gautam Barua</b>	B.Tech. 1976, M.Tech. 1978, Electrical Engg.
	<b>Prof. George Varghese</b>	B.Tech. 1981 Electrical Engineering
	<b>Prof. Ketan Mulmuley</b>	B.Tech. 1981 Electrical Engineering
	<b>Prof. S. Ramakrishnan</b>	M.Sc. 1982 Chemistry
	<b>Mr. Harish Badami</b>	B.Tech. 1985 Chemical Engineering
	<b>Prof. Srikant Sastry</b>	M.Sc. 1986 Physics
	<b>Lt. Gen. Dr. Ravindra Singh Panwar</b>	M.Tech. 1988, PhD 1992, Computer Science & Engineering
	<b>Dr. Dharmendra Modha</b>	B.Tech. 1990, Computer Science & Engineering
	<b>Prof. Subhash Khot</b>	B.Tech. 1999, Computer Science & Engineering
<b>2016</b>	<b>Dr. Cyrus Mehta</b>	B.Tech. 1967 Civil Engineering
	<b>Dr. Krishna Chivukula</b>	B.Tech. 1968 Mechanical Engineering

	<b>Mr. Mohan Kavrie</b>	B.Tech. 1971 Civil Engineering
	<b>Dr. Hemant Kanakia</b>	B.Tech. 1975 Electrical Engineering
	<b>Prof. Shantikumar Nair</b>	B.Tech. 1976 Metallurgical Engineering
	<b>Prof. Madan Rao</b>	M.Sc. 1982 Physics
	<b>Dr. Girish Deodhare</b>	B.Tech. 1984 Electrical Engineering M.Tech. 1986 Control and Instrumentation
	<b>Dr. Rangarajan Pitchumani</b>	B.Tech. 1986 Mechanical Engineering
	<b>Prof. Moses Charikar</b>	B.Tech. 1995 Computer Science and Engineering
<b>2017</b>	<b>Prof. Ajit Tamhane</b>	B.Tech., 1968, Mechanical Engineering
	<b>Mr. Paritosh Chokshi</b>	B.Tech., 1975, Mechanical Engineering
	<b>Mr. Parag Saxena</b>	B.Tech., 1977, Chemical Engineering
	<b>Dr. Narendra Joshi</b>	B.Tech., 1979, Mechanical Engineering
	<b>Dr. Mukta Ghate Farooq</b>	B.Tech., 1983, Metallurgical Engineering
	<b>Mr. Ardeshir Contractor</b>	B.Tech., 1984, Mechanical Engineering
	<b>Prof. Nitin Padture</b>	B.Tech., 1985, Metallurgical Engineering
	<b>Mr. Rajesh Subramanian</b>	B.Tech., 1987, Chemical Engineering
	<b>Prof. Umesh Waghmare</b>	B.Tech., 1990, Engineering Physics
	<b>Dr. Genesh Natarajan</b>	PhD, 2005, School of Management
	<b>Dr. K. Sivan</b>	PhD, 2006, Aerospace Engineering
<b>2018</b>	<b>Mr. Rameshwar Kumar Maini</b>	BTech, 1967, Civil Engineering
	<b>Mr. Jayant Damodar Patil</b>	MTech, 1978, Mechanical Engineering
	<b>Prof. Subodh G. Mhaisalkar</b>	BTech, 1984, Metallurgical Engineering
	<b>Prof. Praveen Kumar</b>	BTech, 1987, Civil Engineering
	<b>Dr. T.V. Raman</b>	MSc, 1989, Mathematics
	<b>Ms. Shalini Govil Pai</b>	BTech, 1990, Computer Science & Engineering
	<b>Dr. Kishore Seendripu</b>	BTech, 1990, Metallurgical Engineering
	<b>Prof. Geeta Narlikar</b>	MSc, 1992, Chemistry
	<b>Prof. Viral V. Acharya</b>	BTech, 1995 Computer Science & Engineering
	<b>Mr. Nitesh Tiwari</b>	BTech, 1996, Metallurgical Engineering

## Young Alumnus Achiever Awardees

Year	Name	Degree
2011	<b>Dr. Surya K. Mallapragada</b>	B.Tech. 1993 Chemical Engineering
	<b>Dr. Viral Acharya</b>	B.Tech. 1995 Computer Science Engineering
	<b>Dr. Subhash Khot</b>	B.Tech. 1999 Computer Science Engineering
	<b>Mr. Udaya Kumar</b>	M.Des. 2003 Industrial Design Centre
	<b>Mr. Pranav Mistry</b>	M.Des. 2005 Industrial Design Centre
2012	<b>Mr. Chandrakant Singh</b>	M.Tech. 2000 Electrical Engineering
2013	<b>Dr. Manoj Aggarwal</b>	B.Tech. 1995 Electrical Engineering
	<b>Dr. Ashwin Seshia</b>	B.Tech. 1996 Engineering Physics
	<b>Dr. Bala Bhaskar Prabhakar Pandian</b>	M.Sc. 1997 Bio.Tech.
2014	<b>Mr. Bhavish Aggarwal</b>	B. Tech. 2008 Computer Science Engineering
	<b>Dr. Mayank Bawa</b>	B.Tech. 1999 Computer Science Engineering
	<b>Dr. Sundar Iyer</b>	B.Tech. 1998 Computer Science Engineering
	<b>Dr. Rohit N. Karnik</b>	B.Tech. 2002 Mechanical Engineering
2015	<b>Mr. Gagan Bhalla</b>	B.Tech. 1996 Civil Engineering
	<b>Mr. Ursheet Parikh</b>	B.Tech. 1998, Computer Science & Engineering
	<b>Prof. Devavrat Shah</b>	B.Tech. 1999, Computer Science & Engineering
	<b>Mr. Vishal Gupta</b>	B.Tech. 2000, Electrical Engineering
	<b>Prof. Sachin Katti</b>	B.Tech. 2003, Electrical Engineering
	<b>Mr. Zishaan Hayath</b>	B.Tech & M.Tech, 2005 Civil Engineering
2016	<b>Dr. Dhananjay Gore</b>	B.Tech. 1998, Electrical Engineering
	<b>Prof. Nisheeth Vishnoi</b>	B.Tech. 1999, Computer Science & Engineering
2017	<b>Prof. Pramod Reddy</b>	Dual Degree, 2002, Mechanical Engineering
	<b>Prof. Prashant Mali</b>	Dual Degree, 2003, Electrical Engineering
	<b>Mr. Harpreet Singh Grover</b>	Dual Degree, 2005, Civil Engineering
	<b>Mr. Harish Badami</b>	B.Tech. 1985 Chemical Engineering
	<b>Prof. Srikant Sastry</b>	M.Sc. 1986 Physics
	<b>Lt. Gen. Dr. Ravindra Singh Panwar</b>	M.Tech. 1988, PhD 1992, Computer Science & Engineering
2018	<b>Mr. Vibhore Goyal</b>	Dual Degree, 2005, Electrical Engineering
	<b>Mr. Nishant Patni</b>	BTech, 2007, Electrical Engineering

## Distinguished Service Awardees

### 1999

**Sudhir Badami**

(BTech, 1971,  
MTech, 1973, CE)

**Paritosh Choksi**

(BTech, 1975, ME)

**Shantaram Kane**

(BTech, 1965, ChE)

**Ram Kelkar**

(BTech, 1980, EE)

**Mahesh Krishnamurthy**

(BTech, 1985, CSE)

**Anil Kshirsagar**

(BTech, 1975, ME)

**Raj Mashruwala**

(BTech, 1975, ME)

**Sandeep Pandya**

(BTech, 1986, ME)

**Parag Rele**

(BTech, 1969, ChE)

**Sudarshan Saraf**

(BTech, 1970, ME)

**Deepak Sabnis**

(BTech, 1972, MTech, 1974,  
EE)

**Subhash Tantry**

(BTech, 1975, ME)

### 2001

**Dwarika Agarwal**

(BTech, 1965, MEMS)

Pradeep Anand

(BTech, 1977, MEMS)

**Niranjan Bhat**

(BTech, 1971, ChE)

**Ramchandra Bhatkar**

(BTech, 1976, CE)

**Arun Chandavarkar**

(BTech, 1984, ChE)

**Vinayak Dravid**

(BTech, 1984, MEMS)

**Janak Daftari**

(BTech, 1975, EE)

**Pravin Dhole**

(BTech, 1972, EE)

**Vincent Fernandes**

(BTech, 1975, EE)

**Shailesh Gandhi**

(BTech, 1969, CE)

**Rahul Herwadkar**

(BTech, 1993, CSE)

**Mahavir Jain**

(BTech, 1976, MTech, 1978,  
EE)

**Sundaresan Narayan**

(BTech, 1975, MEMS)

**Jude Netto**

(BTech, 1966, MEMS)

**Dushyant Pandya**

(BTech, 1987, ME)

**Kirat Patel**

(BTech, 1975, ME)

**Vikas Tipnis**

(BTech, 1974, AE)

### 2002

**Uday Apte**

(BTech, 1973, ChE)

**Girish Gaitonde**

(BTech, 1983, EE)

**Sanjay Das Gupta**

(BTech, 1972, MEMS)

**Jayant Sabnis**

(BTech, 1975, ME)

**Noorali Sonawalla**

(BTech, 1977, EE,  
MTech, 1979, CSE)

**Parag Saxena**

(BTech, 1977, ChE)

### 2003

**Uday Karmarkar**

(BTech, 1968, ChE)

**Shashikumar Mantrawadi**

(BTech, 1975, AE,  
MTech, 1979, ME)

**Gaurang Master**

(BTech, 1966, ChE)

**Aman Walia**

(BTech, 1991, AE)

**2004**

**Nitish Thakor**  
(Btech, 1974, EE)

**Rajeev Deshpande**  
(Btech, 1977, ChE)

**Cyrus Dordi**  
(Btech, 1971,  
MTech 1974, CE)

**P S V Ananthanarayana**  
(Msc, 1975, MA)

**2005**

**Rabiz Foda**  
(BTech, 1973, EE)

**Ashank Desai**  
(MTech, 1974, ME)

**2006**

**Milind Gokhale**  
(BTech, 1981, CE )

**Balaji Srinivasan**  
(BTech, 1993, ChE)

**Uday Nadkarni**  
(BTech, 1978, EE)

**Vinay Karle**  
(BTech, 1996, CE)

**2007**

**Pravin Narwankar**  
(BTech, 1987 & MTech, 1989,  
MEMS)

**Rajendra Menon**  
(MTech, 1989, ChE)

**Shridhar Shukla**  
(BTech, 1983, EE)

**Ajit Ranade**  
(BTech, 1982, EE)

**2008**

**Gautam Advani**  
(BTech, 1971, ChE)

**Suresh Shenoy**  
(BTech, 1972, MEMS)

**Hemendra Godbole**  
(BTech, 1985, EE)

**2009**

**Bakul Desai**  
(BTech, ChE, 1982)

**Praween Napate**  
(BTech, ME, 1981)

**Ajay Phatak**  
(BTech, ChE, 1984)

**Dipak Sheth**  
(BTech, ChE, 1976)

**Sanjay Jain**  
(BTech, CSE, 1987)

**Sreedhar Reddy Kona**  
(BTech, CE, 1997)

**2010**

**Hemant Patel**  
(BTech, ChE, 1979)

**Pratim Biswas**  
(BTech, ME, 1980)

**2011**

**Ashok R. Kamath**  
(MSc, Maths, 1981)

**Samir Kumar**  
(BTech, EE, 1984)

**Amit Khandelwal**  
(BTech, ChE, 1998)

**Dr. Deepak Patil**  
(BTech, AE, 1977, MTech,  
AE, 1979, PhD, AE, 1985)

**Dr. Anil Saigal**  
(BTech, ME, 1979)

**Kumar Shah**  
(BTech, ChE, 1970)

**Chinya Ravishankar**  
(BTech, ChE, 1975)

**Madhur Kotharay**  
(BTech, EE, 1987)

**Ashwin Doshi**  
(BTech, ME, 1981)

**Capt. Louis George**  
(MTech, ME, 1983)

**Prof. Ajit Tamhane**  
(BTech, ME, 1968)

**Pramod Khargonekar**  
((BTech, EE, 1977)

**K.K. Iyer**  
(BTech, ChE, 1984, MTech,  
ChE, 1986)

**Vikas Joshi**  
(BTech, ME, 1985)

**2012**

**Arun Mull**  
(BTech, CE, 1967, MTech,  
CE, 1969)

**Dipak Himatsingka**  
(BTech, ChE, 1967)

**Rahul Chaubey**  
(BTech, ChE, 1999)

**Parul Gupta**  
(BTech, EE, 2002)

**Sandip Tarkas**  
(BTech, ChE, 1985)

**Srikant Rao**  
(BTech, ME, 1984)

**Nitin Padture**  
(BTech, MEMS, 1985)

**2013**  
**Dhananjay Saheba**  
(BTech, 1977, EE)

**Sameer Katdare**  
(BTech, 1975, ChE)

**Ruyintan E. Mehta**  
(BTech, 1970, ChE)

**Amol A. Gokhale**  
(BTech, 1978, MEMS)

**Ajay Bhagwat**  
(BTech, 1985, EE)

**Paresh Vora**  
(BTech, 1981, EE)

**2014**  
**Rajendra Laad**  
(BTech, 1982, EE)  
**Shankar Narayan**  
(MTech, 1992, ESE)

**Atul Narkhede**  
(BTech, 1993, CSE)

**Saumil Majmudar**  
(BTech, 1993, MEMS)

**Abhishek Mangalick**  
(BTech, 2004, ME)

**2015**  
**Mr. Pramod Chaudhari**  
(BTech, 1971, ME)

**Mr. Ashok Kalbag**  
(BTech, 1974, ME)

**Mr. Rajesh Radhakrishnan**  
(BTech, 1988, MEMS)

**Mr. Abhay Sawant**  
(BTech, 1988, EE)

**2016**  
**Mr. Pradip Nadkarni**  
(BTech, 1970, ME)

**Mr. Raj Nair**  
(BTech, 1971, MEMS)

**Mr. Avinash S. Sankholkar**  
(BTech, 1974, ChE)  
**Mr. Dinkar Natraj**  
(BTech, 1982, ChE)  
**Mr. Suneet Chitale**  
(BTech, 1984, ME)

**Ms. Anuradha Narasimhan**  
(BTech, 1994, CE)

**2017**  
**Mr. Milind Mhaiskar**  
(BTech, 1990, ChE)

**Mr. Saket Gadia**  
(BTech, 2002, MEMS)

**2018**  
**Mr. D. C. Agrawal**  
(BTech (Hons), 1969, Mech)

**Dr. Rajkumar Prasad Singh**  
(MTech, 1975, Met)

**Mr. G. Ravishankar**  
(BTech, 1990, EE)

## Chapter Service Awardees

Chapter Service Awards instituted during the Diamond Jubilee celebrations of IIT Bombay will be awarded to select alumni who have contributed in a very notable and sustained manner to the progress of the Chapter and also to the progress of the Institute. The award consisting of a certificate, memento and an uttaria is presented on Alumni Day, celebrated every year in December.

### Chapter Service Awardees 2018

Year	Name	Degree
2018	Mr. R. Srinivasan	BTech, 1973, Electrical Engineering
	Mr. Sanjiv Sood	BTech, 1983, Civil Engineering
	Mr. Deepam Morparia	BTech, 1995, Chemical Engineering
	Mr. Nitesh Dixit	BTech, 2003, Engineering Physics
	Mr. Sanjay Bhandari	BTech, 2004, Chemical Engineering
	Mr. Santosh C. Bhoosthali	MTech, 2007, Mechanical Engineering

**CONTACT**

**Diamond Jubilee Office, IIT Bombay**

**Tel. No. +91 22 2576 5002**

**Email: [dj@iitb.ac.in](mailto:dj@iitb.ac.in)**

**Indian Institute of Technology Bombay**

**Powai, Mumbai 400076, India**

**Tel: +91 22 2572 2545 | Fax: +91 22 2572 3480**

**Web: <http://www.iitb.ac.in>**

**Public Relations Officer**

**Indian Institute of Technology Bombay**

**3rd Floor, Main Building**

**Powai, Mumbai 400076, India**

**Tel: +91 22 2576 7026/ 7027**

**Facebook: <https://www.facebook.com/iitbombay/>**

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**Linkedin: Indian Institute of Technology, Bombay**

**Instagram: [pro.iitbombay](https://www.instagram.com/pro.iitbombay)**