

*Presentation to Stakeholders, 30 November 2016*

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# IIT Bombay Strategic Plan 2017-21 - Draft

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# IITB Review Committee 2014

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- ❖ Need to develop a shared vision for excellence combined with national relevance together with an executable plan.
- ❖ Urgent need to put a system in place to attend to infrastructure issues and to communicate with all stakeholders.
- ❖ Hire professionals to run administration instead of assigning additional responsibilities to professors.

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# IIT Bombay Strategic Plan

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- ❖ Time frame 5 years (2017-2021): strategy including targets with detailed implementation plans
- ❖ Time frame 10 years: overall directions
- ❖ Draft document – to obtain feedback, ideas from stakeholders – prepared by the Institute Strategy and Planning Committee

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# Institute Strategy and Planning Committee

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- ❖ Prof. P. V. Balaji\*
- ❖ Prof. Rangan Banerjee
- ❖ Prof. Subhasis Chaudhuri\*
- ❖ Prof. Abhay Karandikar
- ❖ Prof. Devang Khakhar\*
- ❖ Prof. Raja Mohanty
- ❖ Prof. P. M. Mujumdar\*
- ❖ Prof. R. Murugavel
- ❖ Prof. Prita Pant
- ❖ Prof. S. Sudarshan
- ❖ Prof. Asim Tewari
- ❖ Prof. Mahesh  
Tirumkudulu
- ❖ Prof. Pushpa Trivedi

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# Vision

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*To be a leading global technology university that provides a transformative educational experience to create leaders and innovators and generate new knowledge for society and industry*



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# Mission

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- ❖ 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 educational experience that transforms students with rigorous coursework and 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.

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# Core Values

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- ❖ Integrity
- ❖ Excellence
- ❖ Accountability
- ❖ Transparency
- ❖ Empathy

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# Goals

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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
7. Advance Frontiers of knowledge
8. Create Future Leaders and Innovators
9. Enhance Gender Diversity
10. Enhance alumni engagement



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# 1. Enhance Engagement with Society and Industry

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- ❖ New engagement mechanisms
- ❖ Two way engagement
- ❖ Inreach-Lectures. Labs – Open to local schools, community, Dissemination, Create an office to enable inreach/ outreach
- ❖ Simplified interfaces – one window
- ❖ Departmental Advisory Committees - Curriculum feedback
- ❖ Industry mentors for projects, Industry internships
- ❖ Commercialisation, licensing – enhanced marketing
- ❖ Research park

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# 2. Broaden Educational Areas

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- ❖ Enrich available course offerings
- ❖ Holistic Education
- ❖ New UG programmes – HSS, Economics, Earth Sciences, Design
- ❖ Degrees in Fine Arts, Architecture, Finance
- ❖ Centre for Policy Studies – PhD – technology policy
- ❖ Joint Post Graduate Degree in Medicine – Partnerships – Healthcare consortium
- ❖ Films and Media
- ❖ Broadening PhD pedagogy

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# 3. Improve Internal Support Systems

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- ❖ Free up faculty / researcher / student time for education and research
- ❖ Simplify systems and processes, ERP
- ❖ Reduce administrative overheads Scale back rules
- ❖ New HR Policy
- ❖ Service Response, Online complaint systems
- ❖ New recruitment rules – attract professional managers
- ❖ Parallel track – incentives and career growth, Retraining existing staff
- ❖ Service orientation – to enable education and research
- ❖ Appropriate Delegation at all levels
- ❖ Dept Managers for purchase, maintenance –professional support within Dept

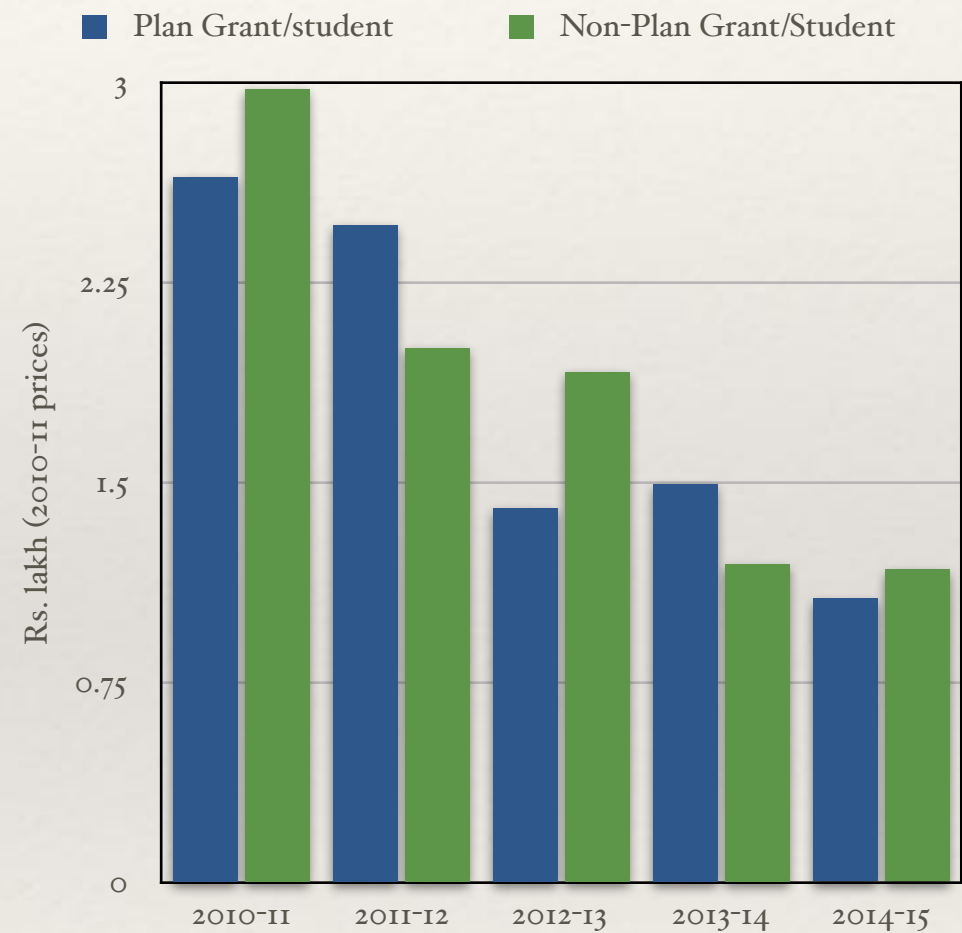
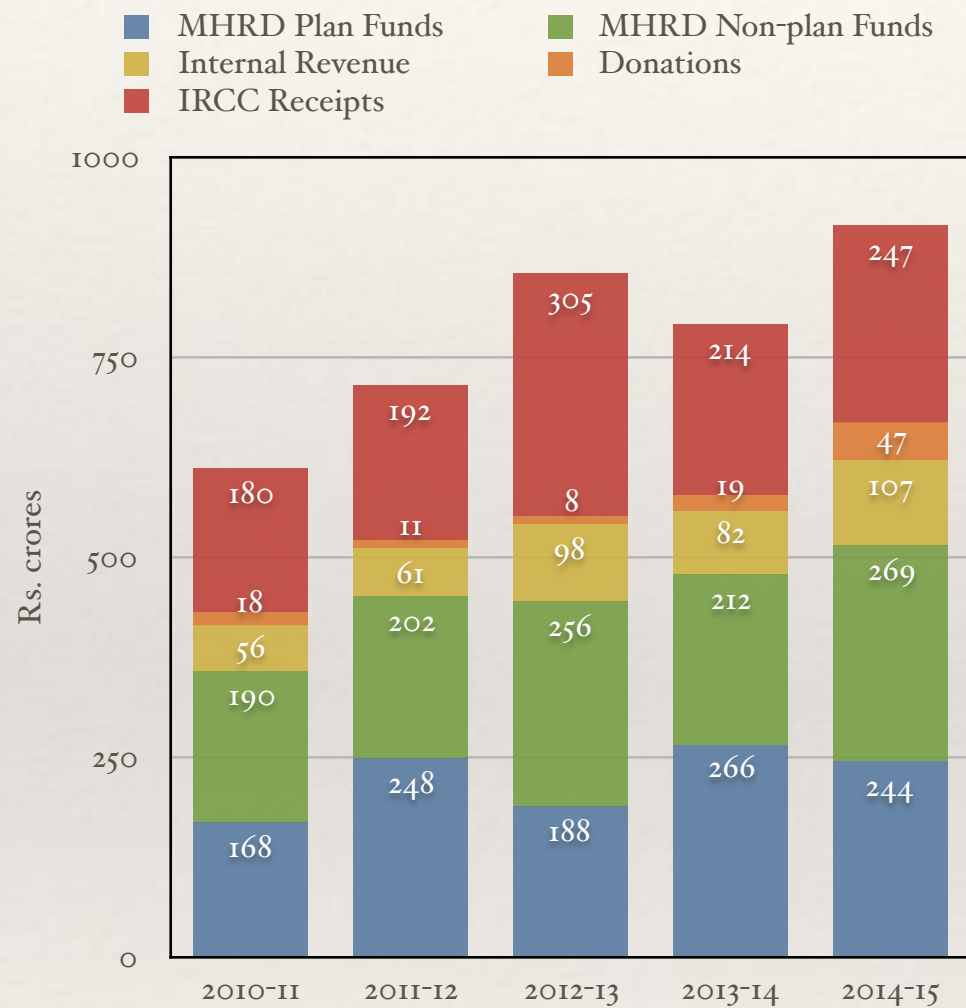
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# 4. Enhance Student Experience

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- ❖ Teaching/ Learning environment – not about information
- ❖ Learning by doing
- ❖ Motivating and Enthusing
- ❖ Make curriculum upto date and relevant
- ❖ Flexibility
- ❖ Priority for New hostels –including married student hostel
- ❖ Personalisation- Faculty advisors and DAMPs
- ❖ Smaller class sizes for better interaction – Dept courses
- ❖ Larger internships – one semester or more
- ❖ Writing Support Centre
- ❖ Teaching/ Learning Centre

# Institute Funding Trends





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# 5. Broaden Funding Base

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- ❖ IITB funding – predominantly Government, Limited funding growth
- ❖ New Financial support models
- ❖ Personal and Corporate Philanthropy
- ❖ IIT B Development and Relations Foundation
- ❖ Special focus on CSR funds
- ❖ Industrial research funding
- ❖ Non-subsidized professional and masters level courses with higher fees

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# 6. Attract International Students/Faculty

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- ❖ Attract students from different countries
- ❖ Doctoral students – from developing countries
- ❖ Appropriate Infrastructure and support
- ❖ Monash, NUS, DAAD –Bangladesh
- ❖ Two way student exchanges
- ❖ 10% International students / faculty by 2020
- ❖ 30% International students / faculty by 2030
- ❖ International faculty on 5 year contracts

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# 7. Advance Frontiers of Knowledge

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- ❖ Widen and strengthen research capability
- ❖ Systematic Search for Adjunct Faculty
- ❖ Encourage Advanced level Research Conferences
- ❖ Encourage Long Term Industry Retainerships / Advisory / Consulting
- ❖ Catalyse Research Centres
- ❖ CTARA / Tata Centre – Immersion. Problem definition opportunities

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# 8. Create Future Leaders and Innovators

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- ❖ Exposure to Entrepreneurship
- ❖ Promotion of Student Research
- ❖ Teacher Development Programme for PhD students
- ❖ Leadership Skills – Enhanced opportunities for team work
- ❖ Future Visualisation

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# 9. Enhance Gender Diversity

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- ❖ Students/ Staff/ Faculty - Enhance proportion of women
- ❖ Enhanced hostel facilities for women students.. Increase in accommodation for married PhD students – students with infants to be given priority in housing.
- ❖ Increase the size of day care facility. Subsidize the cost (if needed) for students and staff
- ❖ Explore flexible working hours or the option of work from home for staff members with young children
- ❖ Focused outreach to present women students, alumni, faculty members as role models to school students and convey the exciting career opportunities provided by an engineering/ science education.
- ❖ Support for transport facilities (buses) for women employees to Kanjurmarg/ Vikhroli and flexible messes/ canteens where food can be ordered.



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# 10. Enhance Alumni Involvement

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- ❖ Alumni – well wishers and stakeholders in Institute growth
- ❖ Initiatives for supporting Alumni needs for continued learning and career improvement.
- ❖ Lifelong Learning Modules targeted for Alumni
- ❖ Multiple interaction modes – interaction between alumni and students – mentoring, interaction between alumni and faculty
- ❖ Alumni inputs for curriculum development
- ❖ Alumni support for student placements and internships
- ❖ Alumni involvement in enhancing the innovation ecosystem at IITB
- ❖ Enhance Institute responsiveness to Alumni requests
- ❖ Enhance effectiveness of the FAN – to pro-actively identify potential IITB faculty
- ❖ Creation of an Alumni Centre at IITB

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# Pilot Survey Overview

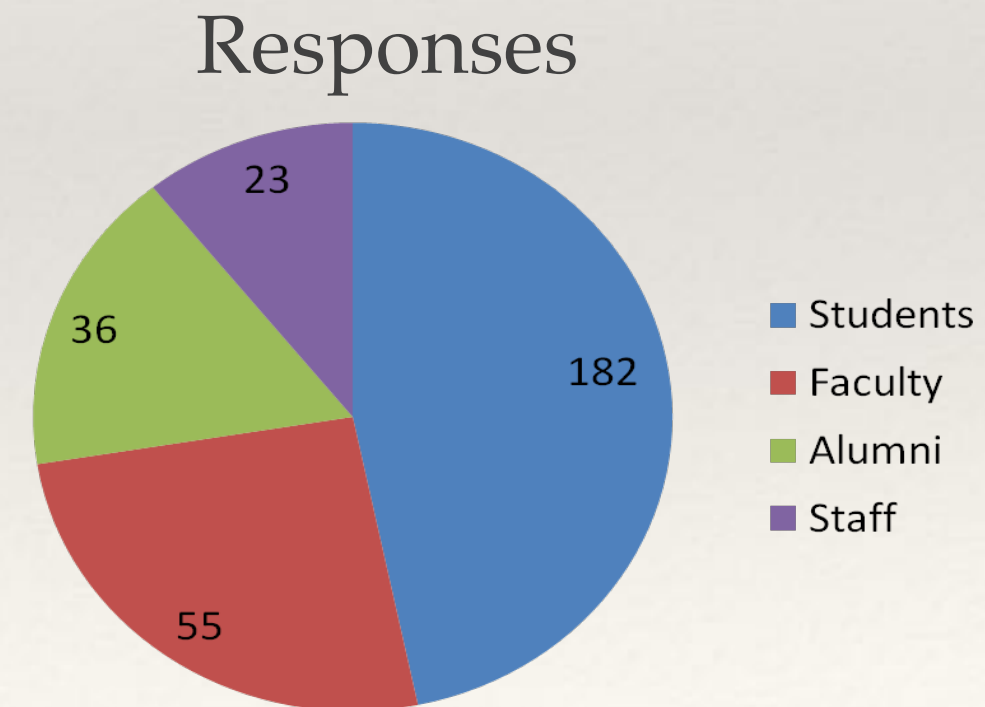
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**GOAL:** Survey stakeholders of the institute- *students, faculty, alumni, staff* to get feedback on the draft strategy document

**PERIOD:** June-October 2016

**SURVEY:** A web-based survey utilizing *Survey Monkey* and *Google Forms*

- ❖ Structured Questionnaire
- ❖ Initial pilot
- ❖ Hybrid – Qualitative/ Quantitative
- ❖ Specific feedback on vision, goals, document
- ❖ General feedback on IITB and future



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# Way forward

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- ❖ Release of Strategic Plan 2021 Draft (30th November 2016)
- ❖ Feedback from stakeholders – faculty, students, staff, alumni
- ❖ [Surveys.iitb.ac.in](http://Surveys.iitb.ac.in) – structure questionnaire – open till January 15
- ❖ Feedback from Alumni, industry, government -open till January 15
- ❖ Brainstorming, focus group meetings on goals, sub-themes
- ❖ Presentations/ Feedback in Department Faculty meetings
- ❖ Development of specific Implementation strategies and action points
- ❖ Identification of metrics to measure progress
- ❖ Revisions and Finalisation – February 2017
- ❖ Presentation to Board of Governors
- ❖ Launch of Strategic Plan 2021 - March 2017

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# Draft Document and Feedback

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An LDAP login will be required.

Separate surveys have been created at

<http://surveys.iitb.ac.in>

- ❖ ISPC Faculty Feedback
- ❖ ISPC Student Feedback
- ❖ ISPC Staff Feedback
- ❖ ISPC- Project Staff
- ❖ The draft document is available at  
<http://www.iitb.ac.in/en/internal/institute-strategic-plan>

Thank you