PLACEMENT BROCHURE 2012-2013
IIT Bombay has been preferred destination for aspiring technologists from across the country for the past several years. The institute consistently attracts the finest faculty and the best of students for its Bachelors, Masters and Doctoral programmes. IIT Bombay has a rich tradition of pursuing excellence and has continually re-invented itself in terms of academic programmes and research infrastructure. Students are exposed to challenging research based academics and a host of sports, cultural and organizational activities on its vibrant campus. The presence of world class facilities, vigorous institute-industry collaborations, international exchange programs, interdisciplinary research collaborations and industrial training opportunities help students of IIT Bombay to excel and be ahead in the competitive professional environment. In the last fifty years, IIT Bombay has produced many illustrious alumni, whose contributions at national and international levels have been significant. The alumni of IIT Bombay are often sought after for coveted positions in the realm of business, academics and research. IIT Bombay consistently maintains an exemplary recruitment record. Our graduates and postgraduates have been selected by leading national and multinational corporations and research institutes.

We highly value our partnership with recruiters, alumni and friends of IIT Bombay and remain committed to making your recruiting experience productive and positive. I invite the recruiting organizations and graduating students to find the best match between their needs and capabilities.

Wish best wishes,

Prof. Devang Khakhar
Director, IIT Bombay
“Gyanam Paramam Dhyeyam” - ‘Knowledge is the Supreme Goal’

Established with the above motto in 1958 as an ‘Institute of National Importance’, IIT Bombay now stands as an institute of worldwide repute in the field of technology, education and research. It is renowned for the international quality of faculty and the outstanding calibre of its students. It also enjoys one of the best faculty-student ratios in the country, with a faculty strength of over 500.

The institute provides the ambience where creativity and new ideas flourish, producing leaders of tomorrow by imparting learning blended with excellence. The dynamic and constantly evolving academic programme reflects the institute’s commitment to stay abreast with the expanding frontiers of knowledge worldwide. Extra-curricular activities enjoy equal importance towards overall development of students, making them fit for the challenges of the corporate world.

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IIT Bombay Racing Team launched **Evo-1**, Country’s first electric race car.

All four students chosen to represent India in the **Brain World Cup 2012**, an international Trivia competition, are current students of IIT Bombay.

**Enelek Technology**, a venture founded by two IIT Bombay Alumnus features in Top 5 in MIT Technological Competition.

**Uday Kumar**, PhD in design from the Industrial Design Centre, IIT Bombay, created the Rupee Symbol.

**PRATHAM** -IIT Bombay’s indigenous satellite project makes news with performance verification clearance from ISRO. Scheduled to hit the skies soon.

IIT Bombay entered the Guinness Book of World Records for “Most number of people(937) solving Rubik’s cube at a time” and also earned an entry in Limca Book Of Records.

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The admission procedure for the various programmes at IITs ensures that only the very best of students make it to their campuses. The admission to various programmes is carried out through the following highly competitive national level examinations:

- JEE (Joint Entrance Examination)
- GATE (Graduate Aptitude Test in Engineering)
- JAM (Joint Admission Test for M.Sc.)
- CEED (Common Entrance Examination for Design)
- Admission to the Doctoral Programme (Ph.D.)
The different programmes at IIT Bombay are designed to build the fundamentals and cater to the industry needs. Exposure to real industry problems is given adequate importance. Students can also participate in the current research underway through programmes like Undergraduate Research Award (URA).

From the year 2008, undergraduate education has undergone a paradigm shift with the introduction of Minor option and strong emphasis on cross-disciplinary and interdisciplinary opportunities.

**Undergraduate Programmes**

**Bachelor of Technology (B.Tech.)**
- Duration: 4 years
- Final year project: 1 year
- Internship: 2 months
- Minor & Honours: Option to earn an Honours degree (in the same department) or a Minor degree (in another department). This requires taking an additional five specially selected courses.

**Dual Degree (B.Tech. + M.Tech.)**
- Duration: 5 years
- Thesis Duration: 1 year
- Internship: 2 months
- Minor: Option to earn a Minor degree (in another department). This requires taking an additional five specially selected courses.
- Assistantship: Affiliated to course instructors for a duration of 1 year

**5 Year Integrated M.Sc.**
- Duration: 5 years
- M.Sc. project Duration: 1 year
- Internship: 2 months
- Assistantship: Affiliated to course instructors for a duration of 1 year
Graduate Programmes

Master of Technology (M.Tech.)
Duration: 2/3 years
Thesis duration: 1 year
Assistantship: Affiliated to course instructors or research projects for duration of 2/3 years

Master of Science (M.Sc.)
Duration: 2 years
M.Sc. project duration: 1 year

Master of Philosophy (M.Phil.)
Duration: 2 years
Thesis duration: 1 year

Master in Design (M. Des.)
Duration: 2 years
Thesis duration: 1 year

Doctoral Programme
The Ph.D. programme offered by the institute requires an original doctoral thesis that should result in a significant contribution to that field. The aim of this programme is to keep pace with the expanding frontiers of knowledge and provide research training relevant to the country’s technological, social and economic objectives. The average duration of the programme is 4-5 years.

Rigorous International Peer Review
With a searchable database of the Ph.D. students’ research profiles, the process is extremely recruiter-friendly. To add to this, the recruitment for Ph.D. students can happen throughout the year, and the process is very flexible to help the recruiters conveniently fulfil their requirements.
IIT Bombay accords pivotal status to research and development in pursuit of excellence. The institute plays a vital role in diverse facets of research and development addressing the needs of the nation and contributing to global development. Its distinguished cutting edge research is reflected in its impressive catalogue of research projects funded by national and international organizations and industries.

**Student Projects**
Development and application oriented projects, under the guidance of faculty are mandatory for students of all Academic Programmes. Majority of these projects being industry sponsored, provide students with an opportunity to understand and analyze real life problems pertaining to the respective industry.

**Publications**
Students actively publish their work in the form of papers in peer reviewed national and international conferences and refereed journals.

**Patents**
Students who have come up with innovative solutions to practical problems are encouraged to file national and international patents.

**Research Assistantship**
The three year research assistantship for postgraduate students involves working on ongoing research projects, maintaining laboratories or system administration.

**IRCC**
Industrial Research and Consultancy Centre (IRCC) coordinates sponsored research and industrial consultancy projects at IIT Bombay. Through such projects, students and researchers at IIT Bombay solve problems arising in industry and conduct basic and applied research.
At IIT Bombay, we believe that internships are an integral part of a student's overall academic achievements. The Internship Cell at IIT Bombay:

- Provides an interface/platform for companies and universities to interact with the bright and motivated IIT-ians in their second and third year.
- Helps in building and sustaining relations with companies, universities and social organizations who wish to recruit students from IIT Bombay for internships and research opportunities.
- Notifies students about excellent internship opportunities in various companies and universities worldwide.
- Assists in conduction of talks, interviews and selection process of the students.
- Coordinates for winter internships during December besides summer internships.

Students take up summer internships to gain first-hand experience of the professional world, after second or third year of their academic programme. The duration varies between 8 to 10 weeks starting from May and extending till mid of July. The recruiting firms include Core Engineering Firms, Research Universities, Banks, Consulting and Analytics firms, FMCG majors and NGOs. These internships prepare the candidates for their future.

Total no. of interns: 600 (<525 summer + 75 winter)
Sector of interns: Core, research, finance, consulting, NGOs, education, start-ups, marketing, FMCG, coding, IT, web development
Number of PPO's: 50

The institute believes that apart from gaining an education that is both novel and relevant, students should also gain an exposure to international scientific developments. Thus, students are encouraged and supported to write research papers and participate in international conferences. IIT-Bombay itself plays host to various International Conferences and Seminars. Also, IITB has MoUs with over 60 universities in Asia, Australia, Europe and USA. These MoUs facilitate collaboration through faculty and student exchange programmes. Many students at IIT-Bombay take up internships in various Universities across the world. This gives them an opportunity to work with some of the world renowned professors.

To familiarize the students with foreign culture and traditions, language courses for Chinese, French, German and Japanese are arranged in the campus.

*indicates the number of internships at various places.
Notwithstanding the tight academic schedule that students have, they manage to indulge in various extra-curricular activities. A host of activities ranging from inter-hostel competitions and national-level festivals to managing facilities like messing and hostel infrastructure are entirely managed by students. These activities provide multitude of platforms for students to hone their technical and managerial skills, which are imperative for one to excel in his/her workplace.

Students’ Gymkhana
Students’ Gymkhana plays the host to most of the activities that are conducted round the year, be it cultural, sports or college festivals.

Sports
IITB Sports has the infrastructure for various recreational, training and competitive activities, round the year, in various sports and games. Be it formal participation in sports/games like football, athletics, chess, basketball and cricket, swimming, or such activities as walking, jogging, cycling, mountaineering, gyming, one can always find something to match one's interests and abilities.

Inter IIT Sports Meet
The Inter IIT Sports Meet, held annually in October/December. Every year one of the IITs host an inter IIT Sports event in which the best athletes compete in various sports for the coveted Inter IIT Trophy.

Cultural Activities
Performing Arts Festival (PAF), inter-hostel competitions, professional performances and concerts by renowned artists, exhibitions, talent shows, workshops to name are some of the activities held at IIT-Bombay. PAF is the annual inter hostel dramatics competition in which students from 2-3 hostels combine as a group to develop and perform stage shows on a grand scale. The extravaganza of cultural arts like dramatics, literature, music, fine arts, and debating that PAF is, it is an event that everyone in the IIT community eagerly looks forward to!

Clubs
Timely meetings throughout the year and students’ active participation are the most remarkable characteristic of IIT-Bombay clubs. As a result, IIT-Bombay students outdo their peers at various Inter-collegiate festivals. Students are self-driven to leave a mark on big stages and it is this passion of theirs which keeps the spirit of IIT-Bombay live and kicking!

The sheer variety of activities that students are involved with is evident from the number of student-clubs - dramatics, filmmaking, dance, music (western and Indian), photography, fine arts, hindi speaking, debating, literary arts, radio shows, astronomy and others. There are also tech clubs like WnCC (coding), Robotics, Aeromodelling and the Maths & Physics club.
Mood Indigo
Come December and Mood Indigo provides a platform for youth talent across the country to converge and vie for glory in a plethora of competitions. Professional performances and workshops by some of the world renowned artists and theater persons light up the environments.

The Entrepreneurship Cell
The Entrepreneurship Cell, IIT Bombay is a non-profit student organization with a vision to promote entrepreneurship. E-Cell targets to help the development of India’s entrepreneurial ecosystem by enabling interaction between its major components; spanning students, entrepreneurs, mentors, angel investors, venture capital firms and corporates.

Techfest
Techfest has over the years grown to become the biggest of its kind in Asia. Whether it is the latest and the best in R&D; lectures by some of the most eminent personalities of myriad fields in science, technology and management; innovative and exciting competitions or workshops on riveting topics, IIT Bombay’s Techfest is the destination.

SARC
The Student Alumni Relations Cell, managed by the students of IIT-B, works towards enhancement of interactions between students and alumni of IIT Bombay. SARC has launched many initiatives like the Alumni Student Mentorship Program, Students Alumni Meet (SAM), Phonathon etc., which have acted as a common platform for interaction between students and alumni.

Insight and Aawaaz
These are IIT Bombay’s monthly English and Hindi News Bulletins meant for circulation within the campus. Video and audio interviews, panel debates and opinion polls on issues affecting the student community are some of the activities carried out by the student team members of Insight and Aawaaz.

Research Scholars Forum
The Research Scholars’ Forum (RSF), established in 1998, is a voluntary organization attempting to address the fundamental needs of the 1200 Research Scholars (PhDs) of the institute.
Academic Demographics for the graduating batch of 2012


Aerospace Engineering 25 19 68
Applied Geophysics 24 10 1
Applied Statistics & Informatics 23 57 27

Biosciences & Bioengineering 22 38 53
Chemical Engineering 14 23 132
Chemistry 16 26 46

Civil Engineering 2 15 43
Computer Science & Engineering 77 99 171
Center for Research in NanoTechnology & Science 1

Center for Technology Alternatives for Rural Areas 7 49 9
Earth Sciences 33 3 43
Electrical Engineering 109 10 216

Energy Systems Engineering 21 14 39
Environmental Science & Engineering 16 18 27

Engineering Physics 27 16 18

Humanities & Social Sciences 1 1 6
Industrial Engineering & Operations Research 1 15 16
Mathematics 15

Center for Research In NanoTechnology & Science 1
Academic Demographics for the graduating batch of 2012

Number of Students in Various Programmes

- 1463 Total
- 530 M.Tech.
- 414 B.Tech.
- 237 Dual Degree
- 147 M.Sc. 2 Yrs.
- 57 PhD
- 54 M.Des.
- 6 M.Phil.

Programme-wise Distribution:

- Mechanical Engineering: 189
- Metallurgical Engineering & Materials Science: 130
- Physics: 22
- Resources Engineering: 20
- SJM School Of Management: 2
- Industrial Design Centre: 54
- Industrial Design: 27
- Visual Communication: 8
- Animation & Film Design: 7
- Mobility & Vehicle Design: 6
- Interaction Design: 6
- Systems & Control Engineering: 12
- Resources Engineering: 20

Total Students: 1463
The Placement Office is responsible for campus placement at IIT Bombay. The Placement-in-Charge, the Assistant Placement Officer, the Placement Office staff and the student representatives handle various crucial tasks in the office like reaching out to companies, scheduling & executing placement-related activities and carrying out all official communication with recruiters and with students. The team strives to strike a match between recruiter expectations and student aspirations. The team of student representatives consists of the Placement Managers who coordinate the activities of the other student members and ensure compliance with various Institute policies; Company Coordinators who execute coordination with the recruiting organisations; and Department Placement Coordinators who steer student preparedness and employability enhancement initiatives.

The Placement Office is well-equipped with excellent infrastructure to support every stage of the placement process.

The facilities include:
> End-to-end online system for recruiters and students
> Auditoriums to conduct workshops and pre-placement talks
> Tele-interview rooms
> Video-conferencing facility
> Fully computerized and air-conditioned office
> Infrastructure to support online and written screening tests
To support the placement process, the Placement Office has an effective online system in place. The procedure for campus placement follows the following plan:

1. The Placement Office sends invitations to companies/organisations along with relevant information.

   ![Diagram](image1.png)

2. The accounts are created for organisations interested in recruiting on the website: [http://placements.iitb.ac.in](http://placements.iitb.ac.in).

   ![Diagram](image2.png)

3. A Company/Organisation fills a Job Announcement Form (JAF) containing details of the job and the offer using their online account.

   ![Diagram](image3.png)

4. If the company/organisation is interested in conducting a Pre-Placement Talk (PPT) they can send a request along with the preferred dates.

   ![Diagram](image4.png)

5. The JAF is made available online to the eligible students, along with any other information furnished by company/organisation.

   ![Diagram](image5.png)
Interested and eligible (as per the criteria specified by the organisations) students show their willingness to appear for the recruitment process of a company by signing its JAF online. The verified resumes of all such students become available to the organisation for downloading or viewing through their placement account.

Organisations can shortlist students. The organisations are also requested to maintain a waitlist of students who can be interviewed in the event of non-availability of some of the shortlisted students.

Placement Office allots dates for recruitment procedure by considering factors like student preferences, job profile, etc. Organisations visit the campus on the allotted date(s) and conduct tests and/or interviews according to their recruitment process.

The company/organisation is required to furnish the final list of selected students in a sealed envelope at the end of the assigned interview slot. The organisations are also requested to maintain a waitlist of students in case of non-availability of some of the selected students.

The Placement Office also coordinates the signing of offer letters by students who have been selected to ensure that they reach the company/organisation as early as possible.

The placement season begins in the month of July and goes up till June of following year. However, the Placement Office conducts several activities throughout the year for the benefit of students. Some of the activities are as follows:

Resume verification
All claims made by students in resumes submitted for campus placement are duly verified by the Placement Office. The verification standards are uniform throughout the Institute.

Employability enhancement programmes
IIT Bombay aims to give its students the grooming that they require not just for facing placement interviews but also to excel in their corporate careers in the future. With this goal, the Placement Office conducts several employability enhancement activities:
• Communication skill evaluation sessions
• Mock groups discussions and personal interviews
• Informal interactive talks with alumni in hostels and departments
• Aptitude, technical and mental ability tests
• Communication skills enhancement programs
• Workshops in collaboration with recruiting companies to aid students in resume preparation, case study solving etc.
A
A.T. Kearney Ltd.
ABB Global Industries & Services
ACC Limited
Adobe Systems India
Affine Analytics
Ajmera Realty & Infra India
M. H. Alshaya Co WLL
Altair Engineering India
Applied Materials
Amazon Development Centre
AMD India
American Express
Amrita University
Analog Devices India
Ansys-Fluent India
ANZ Bank
Apache Design Solutions
Applied Materials
Arup India
Ashok Leyland
Asian Paints Limited
Atkins Global

B
Bain & Company
Bank Bazaar
Boston Consulting Group

Blue Star Limited
Bank of India
Booz & Company
Robert Bosch Engineering
Boston Analytics
Bharat Petroleum Corporation Ltd
Bravo Lucy AS
Britannia Industries
BG India Exploration & Production
Broadcom India Research
BROCADE Communications

C
Capital One Services (India)
Cassidian Consulting
Halcrow - A CH2M HILL Company
Cheers Interactive
Choice Solutions
Chronos Software India
Cisco Systems (India)
Citi Bank
Citi Global Operations
Citrix R & D India
Clarice Technologies
Coal India Limited
Hindustan Coca-Cola Beverages
Cognizant Technology Solutions
Coromandel International Limited
Cosmic Circuits Pvt Ltd
Credit Suisse Business Analytics
Crodal Chemicals (India)
Cummins India Limited
Cypress Technology
CyTeL Services

D
Dar Al Handasah Consultants
Development Bank of Singapore
Dell R&D Bangalore
Deloitte Consulting India
Deutsche Bank, India
Diamond Consultants
Direct Internet Solutions
Defence Research and Development Organisation
Druva Software
A*STAR, Data Storage Institute

E
Eaton Technologies
Eccella Consulting
Ecosense Sustainable Solutions
eGain Communications
EMC Software and Services India
Energo Engineering Projects
Ernst and Young
Epic Systems Corporation
Ericsson India Global Services
Estire Research & Analytics
Exact Solutions

F
Facebook
Futures First Info Services
FinIQ Consulting (India)
Finmechanics India
Flextrader
Flipkart Online Services
Fluidyn India
Flytxt Mobile Solutions
Future Bazaar

G
Google India
Galaxy Surfactants
Play Games24x7
Gandhi Fellowship
GE India Technology Centre
General Mills India
General Motor Technical Centre
Godrej & Boyce Mfg. Co.
Goldman Sachs Services
Gravitas Technology
Geometric Ltd.
GulfTalent.com

H
Harbinger Systems
Harman International (India)
Hay Group
HCL Technologies
Hero Moto Corp
Hindustan Petroleum Corporation
HSBC Global Resourcing

I
IBM India
ICICI Lombard
Imagination Technologies India
EXL - Decision Analytics (Formerly Inductis)
Indus Insights
Infoxace, Inc.
Infosys Technologies Ltd., CDG
InMobi
Insight Inside consulting
Intel Technology India

Indian Oil Corporation
iRunway India
Indian Space Research Org.
Italcuum
ITC Limited
ivy comptech

J
John Deere India
J.P. Morgan Chase
Jaipur Rugs Company
Jet Airways (India)
Juniper Networks India
Just Dial

K
Kawasaki Microelectronics Inc.
Kalyani Carpenter Special Steels
Kalinga Institute of Industrial Tech.
KLA-Tencor Software India
Kumli Media
Kotak Mahindra Bank
KPMG
Larsen & Toubro

L
Leslie E. Robertson Consulting
L’OREAL India
LoudCloud Systems
Leighton Weipson Contractors

M
Mahindra & Mahindra
MakeMyTrip
McKinsey & Company
McKinsey Knowledge Centre
Mechatronics Test Equipment

M/S Mecon Limited
Microsoft India
WorldQuant Research (Bangalore)
MindTree Limited
The Monitor Group
Monnet Group
Moonraft Innovation Labs
Morgan Stanley Services
Myntra Designs

N
Network Appliance Systems (India)
National Instruments India
The Nielsen Company
NTPC Limited
NITT Communications Corporation
NVIDIA

O
o9 Solutions
Octane Technologies
Olacabs (ANI Technologies)
Oil & Natural Gas Corp.
Opera Solutions
Optiver
Oracle India

P
PayPal India
Philips Electronics
Prime Ministers Rural Develop-
ment Fellows
Procter & Gamble
Pratap University
Prudential Process Management
Services India
PubMatic India

RECOURIS’S LIST
IIT Bombay is the most preferred academic institute to a large number of organizations for recruiting outstanding employees with immense potential as future leaders. These organizations, from both within India and abroad, are excited about the capability, intellect and professional readiness displayed by our students. The most frequently cited praise from these organizations for our students include their ability to learn quickly, versatility, performance as team players, excellent analytical skills, and most important the positive attitude they bring to their jobs.

The institute offers campus placement for students graduating with Bachelor of Technology, Master of Technology, Dual Degree (Bachelor of Technology + Master of Technology), Master of Design, Master of Science, Master of Philosophy and Doctor of Philosophy degrees. More than 250 organizations participated in IIT Bombay campus placement during the year 2011-12. For the year 2012-13, more than 1400 students are expected to be available for campus placements and we expect more than 300 organizations to participate in our campus placement program. IIT Bombay has excellent facilities for campus recruiters and we are pleased to make them available to all participating organizations. We follow a simple and transparent placement policy, and its details are readily available on our website.

We also take special initiatives to connect our Ph.D students to interested organizations for careers in research and development. We welcome suggestion from your organization that will help us realize our goal of achieving the best possible match between the aspirations of recruiting organizations and the abilities of our students.

We look forward towards enthusiastic participation from your organization during the year 2012-13.

Sincerely,
Prof. Avijit Chatterjee
PLACEMENT OFFICE, IIT BOMBAY
http://placements.iitb.ac.in

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