



**Institute of Technology  
Banaras Hindu University**  
Placement Brochure





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### **the vision**

" to advance and diffuse such scientific, technical and professional knowledge combine with the necessary practical training as is best calculated to help in promoting indigenous industries and development of material resources of the country .... "

### **the mission**

" to produce technical professionals abreast with competencies, mind-set and ethical values synchronous with the futuristic requirements of global business so as to strengthen the national economy. "



Through this brochure we intend to fortify our relations with our previous recruiters. We appreciate their faith in IT-BHU Brand. We will like you to go through the brochure and have a cognizance of what Institute of Technology, B.H.U. really is

Also we intend to give our prospective recruiters a bird's eye view of the brand IT-BHU family. Go through the brochure and find what moulds a fresh entrant into a world leader in IT-BHU and discover why this institute has attained a top niche' in Technological education.

The Brochure invites all with open hands to this holy city of Varanasi to take part in the placement process of out institution.





## About Us

Our Institute of Technology, like all other Faculties and Departments of the Banaras Hindu University, also owes its existence to the far-sighted vision and relentless efforts of its founder Mahamana Pandit Madan Mohan Malviya. During the days of freedom struggle, three engineering and technological institutions were established by Malviyaji, viz. the Banaras Engineering College (BENCO) in 1919, the College of Mining and Metallurgy (MINMET) in 1923 and the College of Technology (TECHNO). The first-ever degree courses in Mining, Metallurgy, Ceramics and Pharmaceuticals in India were pioneered at BHU. After our country became independent, post graduate and doctoral research programmes were also introduced.

In 1971, the three premier engineering institutions of our University viz., BENCO, MINMET and TECHNO were merged to form the Institute of Technology (IT-BHU) to provide a strong and integrated educational base. To preserve its excellence and national character, the admission procedures through the Joint Entrance Examination (JEE of the IITs) for undergraduate courses and Graduate Aptitude Test in Engineering (GATE conducted by the IITs & IISc.) for the post-graduate courses. The Institute has so far produced more than 22000 B.Tech. graduates, 2700 M. Techs. and 650 Doctoral degree holders.

It is an established history that IT-BHU has produced outstanding engineers who manned various industries, academic institutions, R & D Labs and others, thus providing the much needed technological leadership/skills in various sectors of indigenous development. A large number of alumni of the Institute are occupying top positions in many leading industries, educational institutions and research establishments in India and abroad. Many of them have established their own industries/ companies and several are serving in diverse Governmental Departments/Agencies.

The institute boasts of **Centre of Advanced Studies and Research** in Chemical, Mining and Electronics engineering. Also, to boost the management and enterprenurship skills of the students the institute is associated with **Enterprenurship Development Institute of India (EDI)** and has setup initiatives like **Malaviya Centre for Innovation, Incubation & Entrepreneurship (MCIIIE)** and **Technology Buisness Incubator (TBI)**. Thus promoting innovation-based enterprises and to support, identify technologies/innovations, those have potential for commercial ventures.



## Director's Message

Knowledge and continuous learning is the mainstay amongst the best organizations of today. In keeping with this requirement and constantly striving to live up to the vision and ideals of its illustrious founder Pt. Madan Mohan Malaviyaji the institute of Technology, Banaras Hindu University is grooming students equal to the best in the world, if not better.

We have strived to leave no stone unturned to provide the students with an eclectic mix of academics, core competencies and skills required with ethics and values to evolve and succeed in every sphere of life in this complex and radical society.

It gives me immense pleasure to welcome recruiting organizations to our Campus Recruitment Program. It is my earnest belief that the pulls of academic and life in IT-BHU has prepared ITians to face adverse array of challenges and take on multifaceted positions of responsibility as is the requirement of contemporary corporate world.

I am confident that the students recruited by you will excel and achieve beyond your expectations. They will prove to be an asset for your organization. I wish the Campus Recruitment Program all the best and wish all the students good luck in their endeavor. I hope that the recruiting organizations will be able to derive immense benefit through this program and will go a long way in paving way for a long-term, fruitful mutual relationship.

Prof. K.P.Singh  
Director, IT-BHU



## Training & Placement Officer's message

The time comes again for us to expose the best minds we have, to the outer world that waits to test and absorb the talent radiating from every individual. I assure you that your expectations will not just be met, but will be surpassed substantially. The institution provides students with vibrant environment where exposure to world class faculty, superb infrastructural facilities, a gamut of extracurricular activities, a conducive environment giving excellent exposure for an all round growth. We have our alumni at top echelons in the leading organizations across the globe delivering with unmatched professional enthusiasm. This is testimony to the trust and belief that the industry has bestowed on us and more importantly is a commitment from IT BHU to deliver the best consistently.

I would like to take this opportunity to thank our regular recruiters who have been involved in lasting partnership with us over the years and their support is highly appreciated. At the same time I would like to extend a special invitation to all recruiters who are seeking talent and academic excellence in their organization.

IT BHU provides a very large talent pool to recruit from, with a wide range of specializations at all levels. We offer 10 B.Tech(4 year ) programmes, 14 Dual degrees and integrated(5year) programmes, 37 MTech (2 year) programmes and PhD programmes.

This brochure collates all the relevant information for your participation in the placement program for the session 2010-11. We look forward to forging stronger bonds of co-operation to transverse uncharted territories of excellence.

With regards and good wishes.

Prof. S.N.Singh  
Training & Placement Officer, IT-BHU



## Selection Procedure

The selection procedure for students at undergraduate, postgraduate and research level is highly stringent so that IT BHU gets the best brains of India.

### IIT-JEE:

Joint Entrance Examination for admission in the B.Tech, Dual Degree and M.Sc. Integrated disciplines is one of the most competitive examinations in the world. Each year about 2,00,000 students compete with each other and only 2% finally make it into an IIT. Students in the following programmes are admitted through IIT-JEE:

- B.Tech
- B.Tech /M.Tech Dual Degree
- 5 yr, Integrated M.Tech Degree

### GATE:

The Graduate Aptitude Test in Engineering (GATE), is another highly competitive Entrance Examination, which strives to identify, at the National level, meritorious and motivated candidates for admission to Postgraduate programmes in engineering, technology, architecture, science and pharmacy in colleges across the country, including IIT's. The GATE is held in 22 different disciplines and some see up to 40,000 test takers every year with only about 300 making it to IIT's and IT-BHU.

Admission to Ph.D. programmes is made on the basis of GATE/NET scores and through sponsorship by the employer.



## Academic Programmes Offered

Integrated M.Tech. Degree Programmes in different disciplines. Institute also offers research programmes in all sixteen disciplines.

### UNDERGRADUATE AND IDD/IMD PROGRAMMES:

- Four-Year B.Tech. Programme in Ceramic Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering, Metallurgical Engineering and Mining Engineering.
- Four-Year B.Pharm. Programme.
- Five-Year Dual Degree (B.Tech. & M.Tech.) Programme Ceramic Engineering ; Computer Science & Engineering ; Mechanical Engineering ; Metallurgical Engineering ; Mining Engineering ; Biochemical Engineering ; Materials Science & Technology
- B.Tech. (Bioengineering) & M.Tech. (Biomedical Technology)  
B.Tech. (Civil Engineering) & M.Tech. (Structural Engineering)  
B.Tech. (Electrical Engineering) & M.Tech. (Power Electronics)  
Five-Year Dual Degree Programme in B.Pharm. & M.Pharm.  
Five-Year Integrated Programme in Applied Sciences  
M.Tech. in Industrial Chemistry, Mathematics & Computing and Engineering Physics

### POSTGRADUATE PROGRAMMES:

M.Tech. in Ceramic Engineering ; Chemical Engineering ; Civil Engineering ; Electrical Engineering ; Electronics Engineering ; Mechanical Engineering ; Metallurgical Engineering ; Mining Engineering ; Systems Engineering ; Biochemical Engineering ; Industrial Management ; Biomedical Engineering ; Materials Science & Tech. ; M.Pharm. (Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy)

### Ph.D. PROGRAMMES:

2-Year and 3-Year Ph.D. programme is offered by all academic departments and schools of the Institute. All Ph.D. Programmes are with course work of specified credits.



## Faculty

Our world renowned faculty here:-

- hold degrees from renowned colleges from top national and international universities.
- are bestowed with several prestigious awards
- are involved in cutting edge industrial and state funded research
- are authors of several renowned books and have published international and national papers in international journals.
- are holding various administrative and management offices
- offer consulting to industries and the government and also mentor student startups.
- serve as visiting faculty in reputed universities.
- enjoy full academic autonomy to update their curriculum to keep pace with the modern developments and innovate on the current teaching methods.

By close interaction with the students, the faculty not only guides but also inspires the students to success.

## Academic Rigor

With regard to excellence, it is not enough to know,  
but we must try to have and use it. - Aristotle

The following common features of academic programs at IT BHU make excellence a by-product of the educational program.

- Specially designed and frequently revised courses to suit upcoming developments in technology assisted by practical in relevant laboratories, rigorous examinations pattern and strict attendance record.
- Mandatory final year project, to apply the courses learnt into doing cutting edge research.
- Mandatory 6 week internship in an industry, relevant to the major subject of study.
- Industrial visit/training, as a part of the curriculum, to help the student correlate theoretical knowledge and practical application.
- Interaction with internationally renowned faculty and researchers at various workshops organized in the campus.
- Technical competitions- IT BHU supports and funds student participation in national level technical competitions as well as organizes technical fests drawing huge number of participants nationally.





## Infrastructure

**CAMPUS:** the institute is an integral part of the lush green campus of Banaras Hindu University standing near the banks of Ganges River.

**MAIN LIBRARY:** the Institute of Technology library system consists of a wi-fi enabled main library and five other departmental libraries. The main library has two servers, one NAS server and 78 PC's.

**COMPUTER CENTRE:** state of art centre provides an excellent connectivity to bring the students to the global platform and absorb the latest technologies.

**DEPARTMENT LABS:** each department have their own specialized lab facilities, a platform to experiment with the theoretical concepts.

**INSTITUTE MAIN WORKSHOP:** the IT Main Workshop encompassing carpentry, foundry, sheet metal, forging, welding, fitting, machining and CNC shops helps the students with the technical projects and competitions.

**LECTURE HALLS:** each department has separate lecture halls.

**HOSTELS:** hostels of capacity of 250 students compete regularly with each other at various Inter-hostel competitions thus giving the students extraordinary team spirit, the ability to work with given constraints and to adjust in cultural different environments i.e. a training apt of global careers !

## Beyond Academics

With a view to harness the talent of the students and their all round development students at IT-BHU have access to several facilities. This includes:-

- indoor and outdoor sports facilities matching world standards,
- national level festivals and competition
- central facilities of BHU (like diploma courses in music, literature and variety of linguistics available in various other faculties of BHU).

**Magnum Opus**, the annual techno management festival of IT-BHU, is one of the largest festival of its kind in India and attracts engineering and management enthusiasts from across the country. An immensely popular event replete with intensely challenging competitions, innovative workshops on groundbreaking topics, lectures and demonstrations by distinguished luminaries,

**Kashiyatra**, the annual cultural festival, draws students from across the country. Come January and the campus of IT-BHU is completely transformed into a place buzzing with a flurry of activity in preparation for the much awaited cultural extravaganza of the year.

**Sports** at IT-BHU generates a lot of enthusiasm - not only from within the campus, but from other colleges in the country as well. The academic calendar is crowded with sporting events - be it the intrahostel and inter-hostel events, or the all India sports event - **Spardha**. Students compete in a total of 18-20 sporting events. Thus creating healthy and competitive students - the to be future of the nation.

Besides, there are departmental events also organised thus providing everyone the opportunity to grow beyond academics.





## Accolades

- On Mar 16, 2010 Finance Ministry gave go-ahead to convert IT-BHU to IIT
- In a survey of engineering colleges in India by India Today, IT-B.H.U. was ranked 8 in 2009.
- Many of IT BHU's departments come under the distinguished category of "Centre of Advanced Studies", a distinction awarded by the University Grants Commission.

### ■ Current/Past International Collaborations

1. University of Sheffield, UK
2. University of Oxford, UK
3. University of Cambridge, UK
4. MPA University of Stuttgart, Germany
5. University of Wollongong, Australia
6. IISc, Bangalore
7. Indo- German Exchange Programme

### ■ Centre of Advanced Studies

1. CAS in Chemical Engineering and Technology
2. CAS in Electronics Engineering and Technology
3. CAS in Metallurgical Engineering and Technology
4. CAS in Mining Engineering & Technology



## Our Alumni

**Vishwa Nath Mishra (EEE '67)**  
Venture Partner, Clearstone Venture Partner



**Pankaj Chandra (MIN '83)**  
Director IIM Bangalore



**Shirish Sathaye (ECE '84)**  
General Partner with Matrix Partners, USA



**Nikesh Arora (EEE '89)**  
President, EMEA Operations &  
Vice President, Google Inc



**V. Padmanabhan (MEC '85)**  
INSEAD Chaired Professor of  
Marketing, INSEAD-Singapore

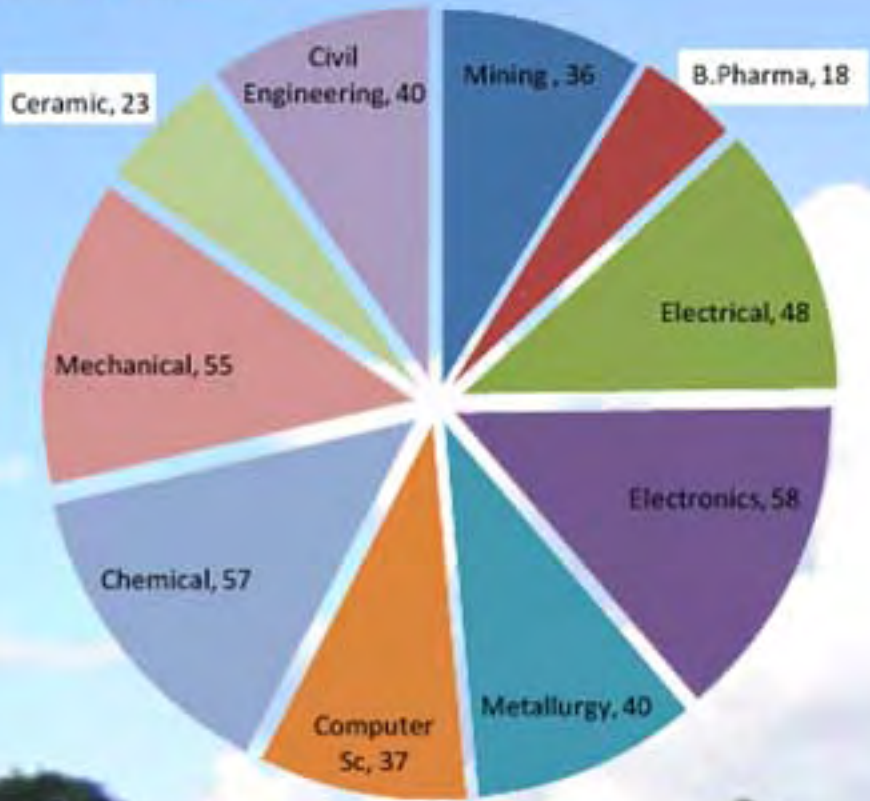


**Prof. P.M Ajayan (MET '85)**  
Benjamin M. and Mary Greenwood Anderson Professor  
in Engineering at Rice University  
Created darkest material using carbon nanotubes





Demographics

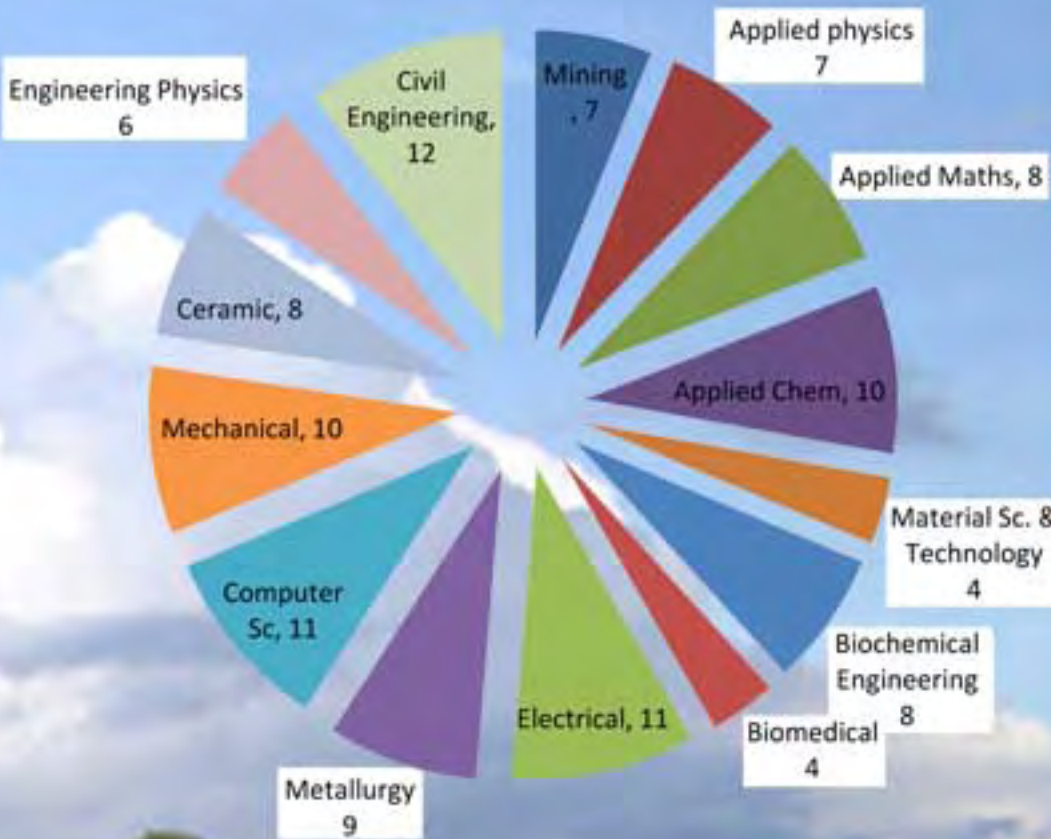


B.Tech

- Mining
- Pharmaceutics
- Electrical
- Electronics
- Metallurgy
- Computer Sc
- Chemical
- Mechanical
- Ceramic
- Civil Engineering

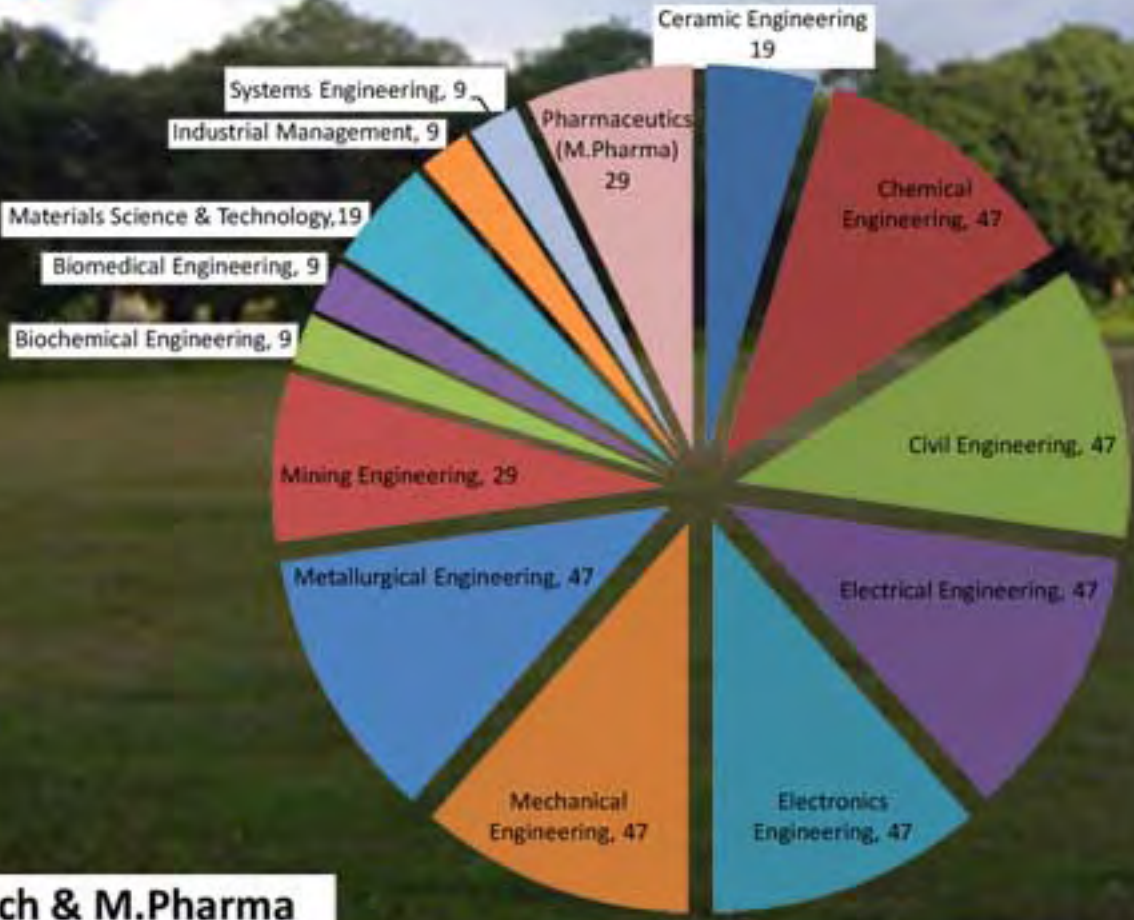
IDD/IMD

- Mining
- Applied physics
- Applied Maths
- Applied Chem
- Material Sc. & Technology
- Biochemical Engineering
- Biomedical
- Electrical
- Metallurgy
- Computer Sc
- Mechanical
- Ceramic
- Engineering Physics



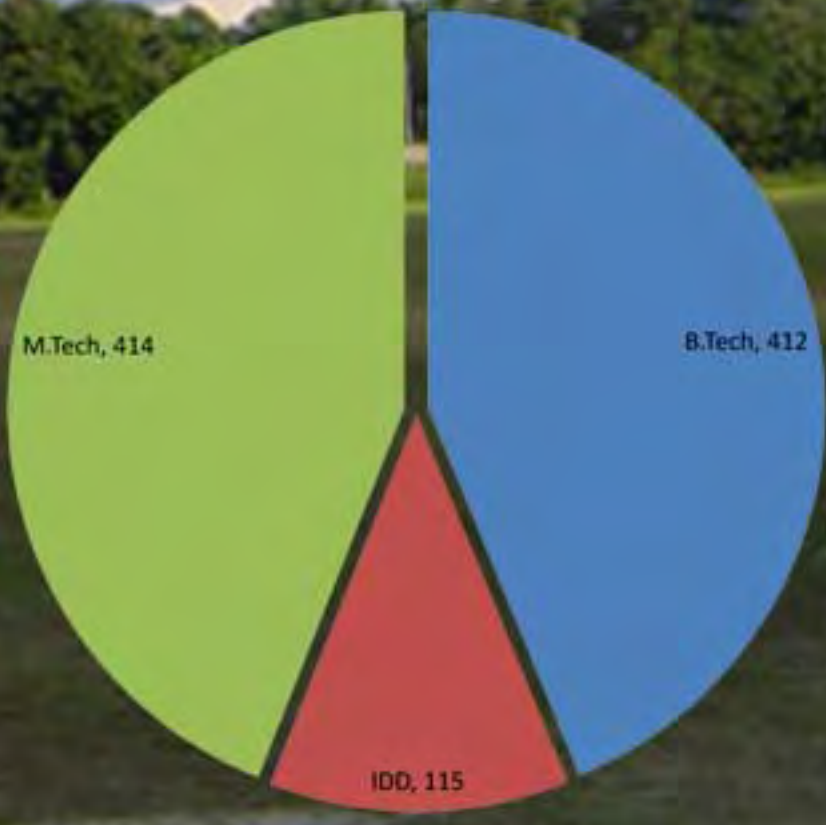
- Ceramic Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Electronics Engineering
- Mechanical Engineering
- Metallurgical Engineering
- Mining Engineering
- Biochemical Engineering
- Biomedical Engineering
- Materials Science & Technology
- Industrial Management
- Systems Engineering
- Pharmaceutics (M.Pharma)

M.Tech & M.Pharma



TOTAL

- B.Tech
- IDD/IMD
- M.Tech





ACC	Dr. Reddy's Lab	Freescall	Sapient
Accenture	DRDO	Kanbay	Satyam
Aditi Tech.	Essar Evalueserve	L & T	Shree Cement
Adobe	FIITJEE	LG	Sony
Agilent	Flour India	Mentor Graphics	Sterlite Group
Airtel	Future Tech Design.	Microsoft	Surya Roshni
Alkem Pharma	GAIL	Morgan Stanley	Syngenta
Appulse	Goldman Sachs	NALCO	TCIL
Amdocs	Google	Netapp	TATA Motars
Aricent	Gujarat Glass	Nomura	TATA Refractories
Atrenta	HCL	NTPC	TATA Steel
BALCO	Hero Honda	Nvidia	TCE
BORL	HPCL	Maruti	TCS
BPCL	HINDALCO	MECON	TIME
Baxter India	HUL	Mu Sigma	Ultratech
BHEL	Hindustan Zinc	On Mobile System	UPL, Wapi, Gujarat
Blue Star Info	IBM	ONGC Opal	Vasant Chemicals
C-Dot	IFFCO	Oracle	Wipro
Career Launcher	Indian Oil Corpn.	Patni Computers	Yahoo
Career Point	Indorama	Petrofac	Zensar
Caterpillar	Indus Valley	Piramal Glass	ZS associates
Citrix	Infosys	RCF	
Coal India	Ispat Industries	Resonance	
Coca Cola	Jindal Steel	Reliance Infocom	
Cognizant	Jindal Power	SAIL	
DE Shaw	JP Rewa Cement	Samsung - SIEL	
Delloite	Jubilant Org.	Samsung - SISO	
Directi	Flextronics	Samtel	



## Recruitment Procedure

### STEP 1

The "Training and Placement Office" sends invitation to Companies/Organizations along with the "Response Sheet".

OR

Interested Company/Organization has to download, fill the "Response Sheet" from <http://itbhu.ac.in/tpo>

### STEP 2

The information furnished by Company/Organization is made available to the students.

Companies can ask for the resumes of interested students and shortlist students.

### STEP 3

Dates are allotted to the company for their recruitment process i.e. interview/gd e.t.c

The company/organization is required to furnish the final list of students preferably on the date of interview or the next day.

### **Facilities for Recruiters**

Besides a warm welcome, we also provide the recruiters with the following aid :

- Large classrooms and halls for Pre-Placement talks and written tests
- Air Conditioned rooms in the Training & Placement Office for Group Discussions and Interviews.
- High Speed internet connection facility (for submission of soft copies of resumes, mails for correspondence, etc.)
- Student volunteers for prompt actions on the day of visit.
- Arrangement for stay in IT BHU Guest house if intimated prior to visit, on a nominal charge fixed by the university.





## Contact Us

**Dr. S.N. Singh**  
Training & Placement in-charge

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