



INDIAN INSTITUTE OF TECHNOLOGY

(BANARAS HINDU UNIVERSITY), VARANASI

Placement Brochure 2012-2013

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THE VISION

“ To advance and diffuse such scientific, technical and professional knowledge combined 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 the competencies, mind-set and ethical values synchronous with the futuristic requirements of global business so as to strengthen the national economy. ”

BROCHURE OBJECTIVE

Through this brochure, we intend to fortify our relations with our previous recruiters. We appreciate their faith in the IIT (BHU), Varanasi Brand. We would like you to go through the brochure and have a cognizance of what Indian Institute of Technology (B.H.U.), Varanasi stands for.

Also we intend to give our prospective recruiters a bird's eye view of the IIT (BHU), Varanasi family. Kindly go through the brochure to discover what moulds a fresh entrant in IIT (BHU), Varanasi into a world leader and why this institute has attained a top niche in Technological education.

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

ABOUT US

The Indian Institute of Technology (Banaras Hindu University), Varanasi 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) in 1932. 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 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 are carried out 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 were adopted.

With the Institutes of Technology (Amendment) Act, 2012 the erstwhile Institute of Technology, BHU has become Indian Institute of Technology (Banaras Hindu University), Varanasi w.e.f. June 29, 2012.

The Institute has so far produced more than 22000 B.Tech. graduates, 2700 M. Techs. and 650 Doctoral degree holders.

In its 90 years of existence, IIT (BHU), Varanasi has produced outstanding engineers who have 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, Metallurgy and Electronics engineering. Also, to boost the management and entrepreneurship skills of the students the institute is associated with Entrepreneurship Development Institute of India (EDI) and has setup initiatives like Malaviya Centre for Innovation, Incubation & Entrepreneurship (MCIIE) and Technology Business Incubator (TBI). These initiatives have been instrumental in promoting innovation-based enterprises to support, identify technologies/innovations having potential for commercial ventures.

Knowledge and continuous learning are the mainstays amongst the best organizations of today. In keeping with this requirement and the vision and ideals of its illustrious founder Pt. Madan Mohan Malaviyaji, the Indian Institute of Technology (Banaras Hindu University), Varanasi is grooming students with an eclectic mix of academics, core competencies, 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 academics and the wholesome life in IIT (BHU), Varanasi has prepared IITians to face any 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. J.N.Sinha
Director, IIT (BHU), Varanasi



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 and a gamut of extracurricular activities provide the ideal platform for an all-round growth. We have our alumni at top echelons in the leading organizations across the globe, performing with unmatched professional enthusiasm. This is a testimony to the trust and belief that the industry has bestowed on us and more importantly, is a commitment from IIT (BHU), Varanasi to deliver the best consistently.

I would like to take this opportunity to thank our regular recruiters who have been involved in a lasting partnership with us over the years. Their support is invaluable and 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.

IIT (BHU) Varanasi 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. A.K. Agarwal
Training & Placement Officer, IIT (BHU), Varanasi

The selection procedure to various programmes at IT-BHU is through highly stringent examination such that only the students of the highest caliber make it to the campus.

IIT-JEE:

- One of the toughest examination in the world
- More than 4,00,000 students appear, only 2% finally make it into an IIT
- Students in the following programmes are admitted through IIT-JEE:
 - B.Tech
 - B.Pharma
 - 5 yr. Integrated/Dual M.Tech

GATE:

- Conducted by IITs and IISc Bangalore
- Nearly 4,00,000 appear in test with 21 different disciplines
- Students in the following programmes are admitted through GATE:
 - M.Tech
 - M.Pharma

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



ACADEMIC PROGRAMMES OFFERED

UNDERGRADUATE AND IDD/IMD PROGRAMMES:

B.Tech Programme in Ceramic Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering, Mechanical Engineering, Metallurgical Engineering and Mining Engineering.

B.Pharma Programme.

Five-Year Dual Degree (B.Tech & M.Tech) Programme in 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 (B.Pharm. & M.Pharma) Programme

Five-Year Integrated (M.Tech) Programme in Industrial Chemistry, Mathematics & Computing and Engineering Physics

POSTGRADUATE PROGRAMMES:

M.Tech Programme 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.Pharma Programme in 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.



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.

The following common features of academic programs at IIT (BHU), Varanasi make excellence a by-product of the educational program.

- Specially designed and frequently revised courses to model upcoming developments in technology, assisted by practicals 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 6-8 weeks 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- IIT (BHU), Varanasi supports and funds student participation in national level technical competitions and conferences as well as organizes technical festivals drawing huge number of participants nationally.



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

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: A state-of-the-art centre provides excellent connectivity to bring the students to the global platform and absorb the latest technologies.

DEPARTMENT LABS: Each department has its own specialized lab facilities, a platform to experiment with the theoretical concepts.

LECTURE HALL: Large lecture halls fully equipped with contemporary education tools

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.

HOSTELS: state of art hostels of capacity of over 250 students



Three fests spanning over 4-5 days drawing huge sponsorships, are wholly organised by the student bodies at the institute level. Apart from these, special BHU advantage includes:-

- Foreign language courses, finance and management lectures by various faculties of BHU
- Cubs and world class indoor and outdoor sport facilities
- Inter-hostel competitions giving the students extra-ordinary team spirit, the ability to work with given constraints and to adjust in culturally different environments i.e. an apt training for global careers!

Technex, the annual techno-management festival of IIT (BHU), Varanasi attracts engineering 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 IIT (BHU), Varanasi is completely transformed into a place buzzing with a flurry of activity in preparation for the much awaited cultural extravaganza of the year.

Spardha, the all India sports festival at IIT (BHU), Varanasi generates a lot of enthusiasm - not only from within the campus, but from other colleges in the country as well. In an atmosphere of healthy competition students compete in a total of 18-20 sporting events.

Besides, Departmental events are also organized to provide everyone enough opportunity to grow beyond academics.

INFRASTRUCTURE





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



- **With the Institute of Technology (Amendment) Act, IT-BHU has become IIT(BHU), Varanasi from June 29, 2012.**
- **Ranked #7 by Outlook Magazine in 2011 survey of engineering colleges in India**
- **Dataquest 2010 survey had ranked IT-BHU 6th among the top engineering colleges of India**
- **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

Many of IIT (BHU), Varanasi's departments come under the distinguished category of "Centre of Advanced Studies", a distinction awarded by the UGC.
- **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

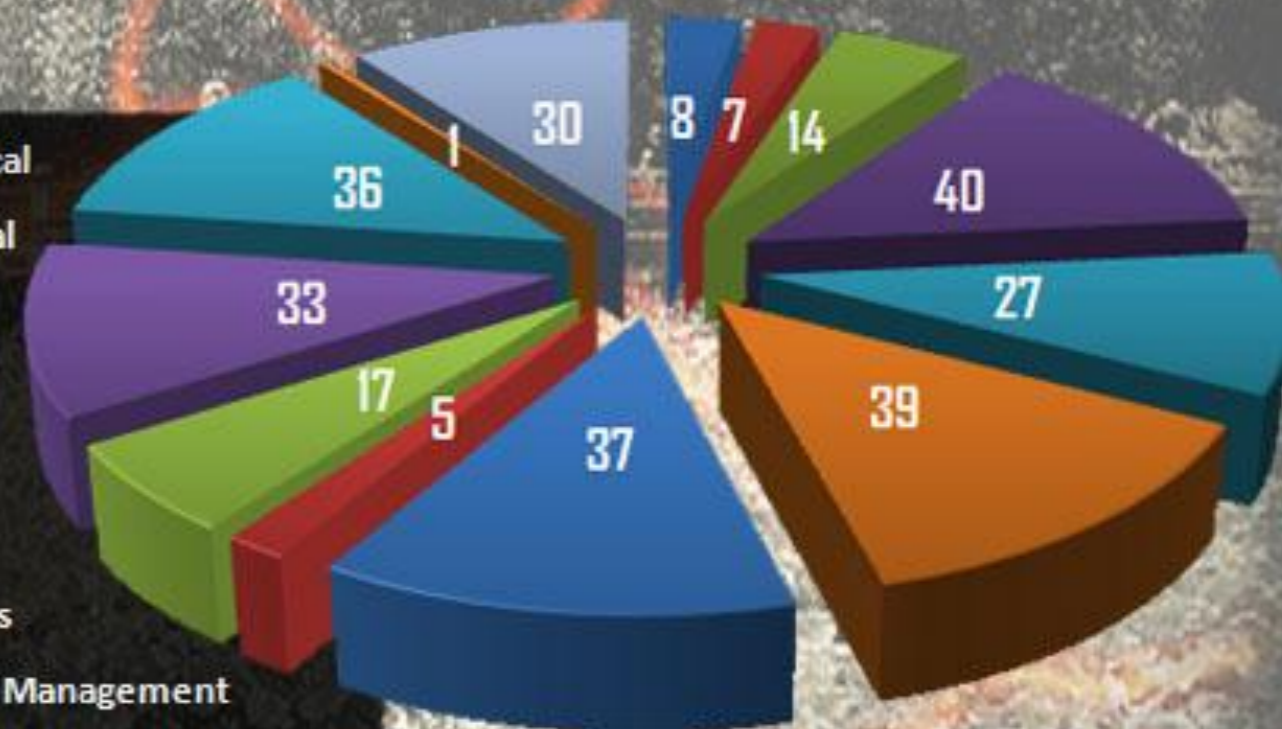
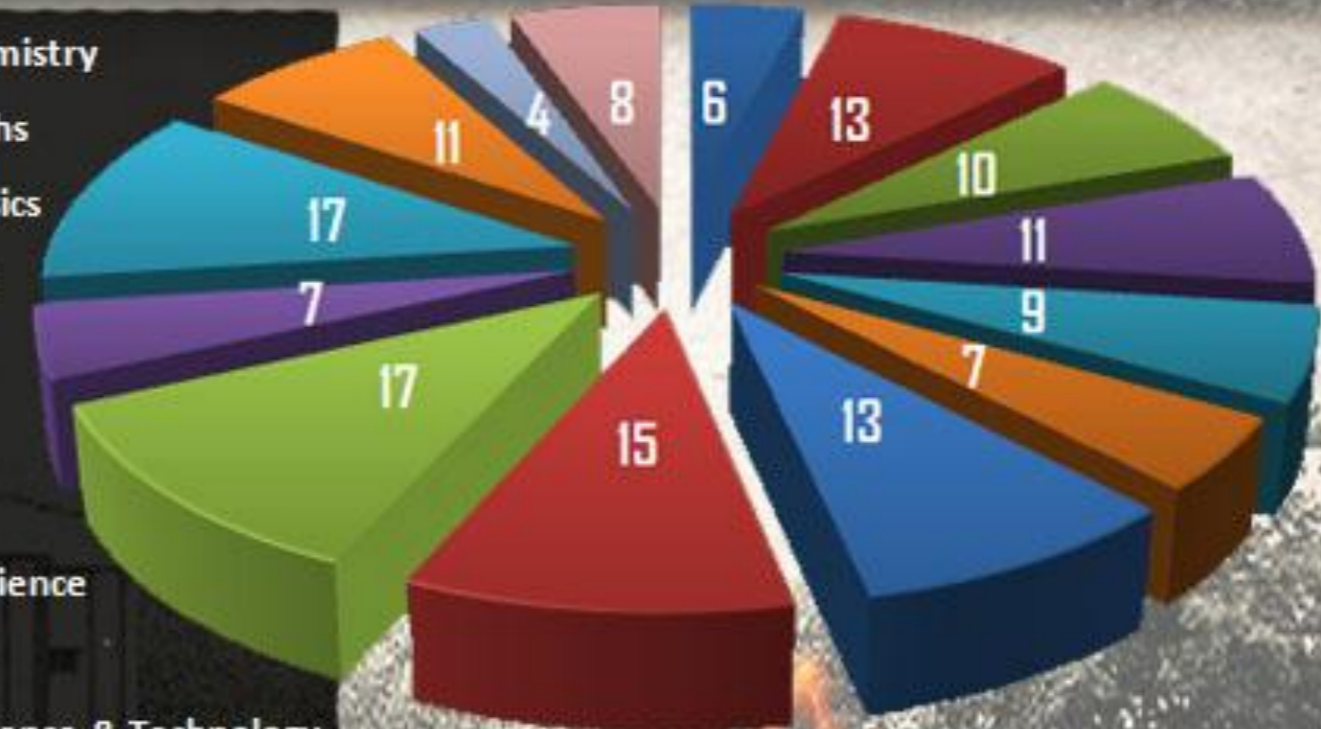
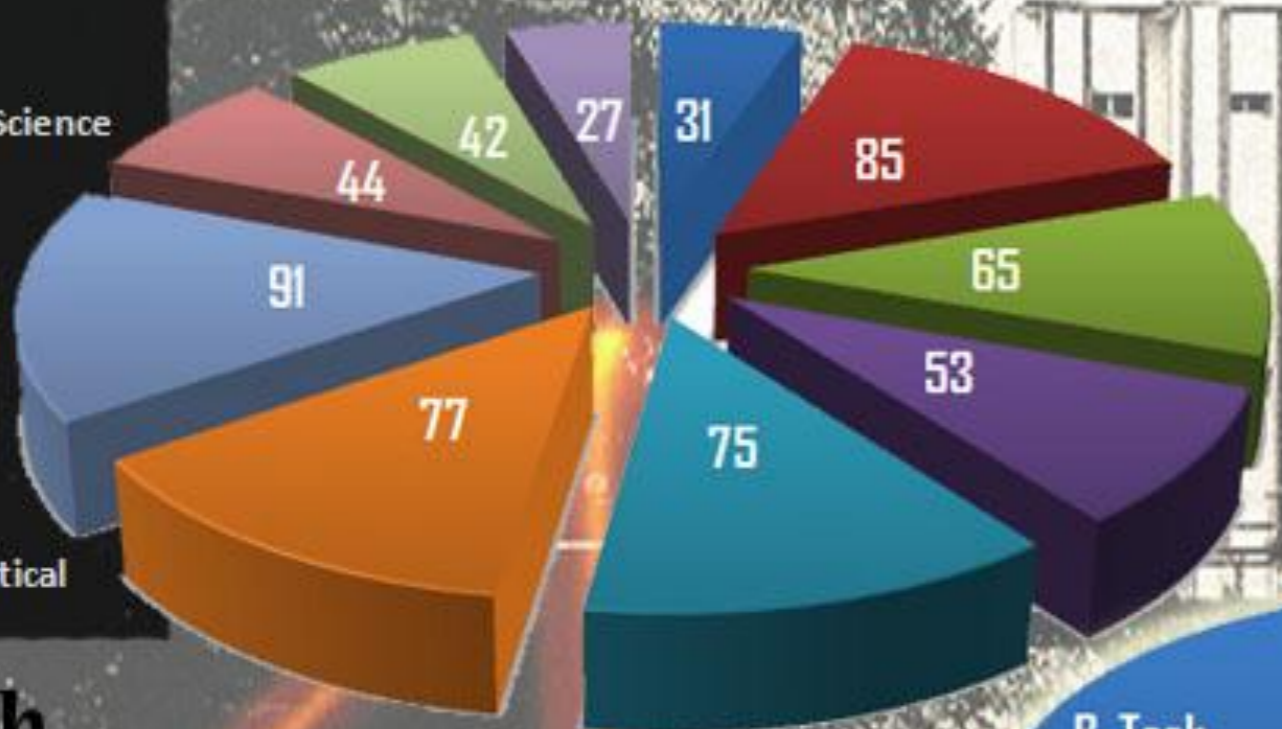
DEMOGRAPHICS

Integrated Dual Degree

- Ceramic
- Chemical
- Civil
- Computer Science
- Electrical
- Electronics
- Mechanical
- Metallurgy
- Mining
- Pharmaceutical

- Applied Chemistry
- Applied Maths
- Applied Physics
- Bio Chemical
- Bio Medical
- Ceramic
- Civil
- Computer Science
- Electrical
- Materials Science & Technology
- Mechanical
- Metallurgy
- Mining

- Biochemical
- Biomedical
- Ceramic
- Chemical
- Civil
- Electrical
- Electronics
- Industrial Management
- Materials Science & Technology
- Mechanical
- Metallurgy
- Mining



B. Tech.

OVERALL

M. Tech.

RECRUITMENT PROCEDURE

STEP 1

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

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

STEP 3

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

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

STEP 2

Interested company sends the Response sheet to the Training and Placement office.

If the Company/Organization wishes to visit the campus and conduct a Pre-Placement Talk (PPT) before the interview sessions, they can send a request along with the preferred dates.

STEP 4

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

The company/organization is required to furnish the final list of recruited 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 aids :

- 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 at the Institute Guest house if intimated prior to visit, on a nominal charge fixed by the university.

ACC
Accenture
Aditi Tech.
Adobe
Agilent
Airtel
Alkem Pharma
Appulse
Amdocs
Aricent
Atrenta
BALCO
BORL
BPCL
Baxter India
BHEL
Blue Star Info
C-Dot
Career Launcher
Career Point
Caterpillar
Citrix
Coal India
Coca Cola
Cognizant
DE Shaw
Delloite
Directi

Dr. Reddy's Lab
DRDO
Essar Evaluateserve
FIITJEE
Flour India
Future Tech Design.
GAIL
Goldman Sachs
Google
Gujarat Glass
HCL
Hero Honda
HPCL
HINDALCO
HUL
Hindustan Zinc
IBM
IFFCO
Indian Oil Corpn.
Indorama
Indus Valley
Infosys
Ispat Industries
Jindal Steel
Jindal Power
JP Rewa Cement
Jubilant Org.
Flextronics

Freescale
Kanbay
L & T
LG
Mentor Graphics
Microsoft
Morgan Stanley
NALCO
Netapp
Nomura
NTPC
Nvidia
Maruti
MECON
Mu Sigma
On Mobile System
ONGC Opal
Oracle
Patni Computers
Petrofac
Piramal Glass
RCF
Resonance
Reliance Infocom
SAIL
Samsung - SIEL
Samsung - SISO
Samtel

Sapient
Satyam
Shree Cement
Sony
Sterlite Group
Surya Roshni
Syngenta
TCIL
TATA Motars
TATA Refractories
TATA Steel
TCE
TCS
TIME
Ultratech
UPL, Wapi, Gujarat
Vasant Chemicals
Wipro
Yahoo
Zensar
ZS associates

PAST RECRUITERS

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