INSTITUTE OF TECHNOLOGY

BANARAS HINDU UNIVERSITY

PLACEMENT BROCHURE
2009-10

CONTENTS

Training and Placement
Cell
Institute of Technology
Banaras Hindu University

MISSION

"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 in development of the material resources of the country.... "

VISION

"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."

ABOUT US

The three premier engineering institutions of our University viz., BENCO, MINMET and TECHNO were amalgamated to form the Institute of Technology (IT-BHU), an institute unique in its heritage. Thus our Institute came into existence in 1971. BENCO and other Institutes had proven their mettle by producing Technocrats who later on laid the foundation stones for the creation of the IIT's. To harvest talent as a National Institution, the earlier system of region-wise admission (via merit lists) was replaced by admission procedures through the IIT- Joint Entrance Examination for undergraduate courses and Graduate Aptitude Test in Engineering (GATE conducted by the IITs & IISc.) for the post-graduate courses.

Since its inception, the Institute of Technology has not only evolved to become a premier educational institution producing graduates, technocrats and entrepreneurs, but has remodeled itself into a educational beacon which provides versatile postgraduate training and conducts sophisticated research in Engineering and Technology.

work is worship

BROCHURE AIM

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 our Institution.

Prof. S. N. Upadhyay
Director, IT-BHU

DIRECTOR'S MESSEGE

The Institute of Technology, Banaras Hindu University has constantly strived to live up to the vision of its illustrious founder, Pandit Madan Mohan Malaviyaji who dreamt of producing students equal to the best in the world.

We have tried to leave no stone unturned in our efforts to provide the best of facilities and academic atmosphere which would enable our students to be flexible enough to adapt and evolve in this complex society.

I am happy to welcome recruiting organizations as well as our students to this Campus Recruitment Program. It is my earnest belief that the pulls of academics and life in IT-BHU go a long way in preparing ITians to face a diverse array of challenges and take on multi-faceted positions of responsibility as is the requirement of the contemporary corporate world.

I am confident that the students recruited by you will exceed your expectations and prove to be an asset for your organization, in the process enhancing the reputation of their alma mater.

I wish the Campus Recruitment Program all the best and wish all students good luck in their endeavor to seek a compatible match.

I hope that the recruiting organizations will be able to derive immense benefit through this program and this will go a long way in paving the way for a long-term, fruitful relationship."

Prof. S. N. Upadhyay,
Director, IT-BHU

TRAINING AND PLACEMENT OFFICER'S MESSEGE

"It gives me great pleasure in inviting you the campus recruitment season of IT-BHU for the class of 2009. As you know IT-BHU is one of the oldest institutions of engineering education in India owing its existence to the far-sighted vision and relentless pursuit of excellence of its founder Mahamana Pandit Madan Mohan Malaviya. It has been at the forefront of scientific and technical education since 1919 and has been ranked among the elite on a regular basis. The alumni of this institution have reached the top echelons in Core industries, Universities & Research Centers, IT & ITES, Consultancies, Banking & Financial Institutions and even politics and social services.

The students entering this institution form the Crème de la Crème of the Country as they filter through prestigious examinations like JEE & GATE. The institution provides them with an enabling and vibrant environment where exposure to world class faculty, superb infrastructural facilities , a gamut of extracurricular activities gearing them up to take up any challenge the world has to offer head on. What also augments their skill set is the absolute wealth of experience they gain from interacting closely with various (over 119) faculties of BHU with a student demographics consisting of students not only from India but also from various Foreign countries, thus providing them with a truly global outlook.

The quality of talent available at IT-BHU is absolutely top drawer and over the years they have been recruited by various leading organizations. I would like to take this opportunity to thank our regular recruiters who have been involved in lasting partnerships 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 the new recruiters who are interested in recruiting from IT-BHU. Many of the new recruiters have our alumni working at important positions with them and I am sure they will be delighted with the caliber of the fresh talent on offer."

For any further enquiries please visit http://www.itbhu.ac.in/tpo/ You can also contact me at tpo@itbhu.ac.in , ittpo@sify.com

Dr. 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 ITBHU gets the best brains of India.

JEE: Joint entrance examination for admission in the B.Tech, Dual Degree and M. Sc. Integrated disciplines 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 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 of the disciplines see up to 40000 test-takers every year with only about 300 making it to IIT's.

SELECTION PROGRAMMES

Academic Programs Offered

B.Tech.
The Bachelor of technology program is offered in eight fields of engineering. The students are admitted through the IIT-JEE only.The 8 semester program aim a strong grounding in the respective fields of engineering with strong emphasis on core fundamentals and practical exposure. The curriculum also includes a two-semester B.Tech project .

B.Pharma
The Institute offers course in B.Pharma and the students are admitted to the Institute through the IIT-JEE only.

Dual Degree (B.Tech + M.Tech)
The Dual Degree program is a unique 10 semester program, at the end of which the students are conferred both the degrees. After completing their B.Tech course requirements in the any basic field of engineering the students work towards their M.Tech thesis in specialized areas of research addressing the demands of industry and academia in collaboration with the faculty.

M..Tech. (5 year integrated degree)
They are equivalent to other undergraduate programs. The admission are done through the IIT-JEE only. The 10 semester programs are offered in Physics, Mathematics & Scientific Computing and Chemistry. The curriculum aims at developing basic knowledge of engineering, basic sciences and developing expertise in their respective fields with a strong sense of inquiry and research.

M.Tech.
The MTech program admits graduate students in various specializations.. This program strikes a balance between course-work & research as most M.Tech students along with their coursework also undertake research assistantship. The program comprises of a one and a half year research project and one or two years of course work to develop a sound theoretical base.

PhD
The Ph.D. program caters to an original research thesis. The average duration of the program is about 5 years.

"But now, O LORD, thou art our father; we are the clay, and thou our potter; and we all are the work of thy hand."

The Bible

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 the authors of several renowned books and have published major international and national research papers in international journals.
- Are holding various administrative and management offices
- offer consulting to industry & 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.

ACADEMIC RIGOR

- Specially designed and frequently revised courses to suit upcoming developments in technology assisted by practicals in relevant laboratory, rigorous exams, and strict attendance record.
- Mandatory final year projects, to apply courses learnt thus far into doing cutting edge research.
- Mandatory 6 weeks internship in an industry relevant to the subject majoring in, to give a feel of the same.
- Mandatory industry visit/training .
- Workshops held by internationally renowned faculty attracting not only the students in campus but also researchers and professors from near and far.
- Technical competitions—ITBHU supports/funds students in participating in national level technical competitions, as well as in organizing technical fests, drawing huge no of participant college nationally

INFRASTRUCTURE

The Institute's modern infrastructure hones the Talents brought from all the corners of the nation.

THE CAMPUS : *The Institute is an integral part of the lush green campus of BANARAS HINDU UNIVERSITY standing near the banks of HOLY GANGES.*

THE MAIN LIBRARY - *The Institute of Technology Library system consists of a Wi-Fi enabled Main Library, and five departmental libraries. The Main Library has two servers, one NAS server and 78 PC's. There are about 88,038 books, 17,003 periodicals and 434 Compact Disks.*

THE COMPUTER CENTRE
- One *State –of –the-art Computer centre*

INFRASTRUCTURE

DEPARMENTAL LABS – *Each Department have their own specialized Lab Facilities*

THE INSTITUTE's MAIN WORKSHOP - *The IT MAIN WORKSHOP encompassing carpentry, foundry, sheet metal, forging, welding, fitting, machining and CNC shops helps the students with their technical projects.*

LECTURE HALLS – *Each Department has separate lecture halls.*

HOSTELS - *Large hostels of capacity of 250 students. Each hostel has central garden, 1 mess,1 canteen and other facilities.*

BEYOND ACADEMICS

The IT-GYMKHANA quarterbacks the following four-days annual intercollegiate festivals

TECHNEX   *the technical extravaganza,*
SPARDHA   *the sports euphoria*
KASHIYATRA   *the cultural razzmatazz*
OPULENCE   *the Techno-Management showdown*

The students can groom themselves in the following liberal arts
-music
-dance
-debate
-dramatics
-quiz and literature
-photography

The sport facilities include:
-*Modern State-in-art Gymnasium*
-*Basketball court*
-*Lawn tennis court*
-*Cricket field*
-*Football field*
-*Hockey field*
-*Table tennis tables in each Hostels*
- *Badminton court*
-*Swimming pool facility*
-*Athletic paraphernalia*

The Technical Activity Centre allocates a plethora of techno-engineering projects to our fresh entrants.

Also students can pursue diploma courses in music, literature and in a variety of linguistics in other faculties of B.H.U.

TECHNEX

SPARDHA

KASHIYATRA

OPULENCE

INDUSTRY INSTITUTE PARTNERSHIP CELL

Pedagogy in technical institutes has become more hands on as demanded by the corporate scenario. To facilitate the process of interaction with the industry and to act as an interface, the Industry Institute Partnership Cell (IIPC) was established in the year 2000 with the help of All India Council for Technical Education (AICTE), Govt. of India, New Delhi.

Purpose

- Establishment of links with industries and departments and conducting interactive programmes, workshops, seminars etc. thus providing exposure about corporate functioning
- Assistance and promotion of research projects sponsored by industries in the institute
- Coordination and promotion of Consultancy and Testing Services in the Institute for Industries
- Extension of personnel between the Industries and Institute by way of inviting them for delivering lectures on latest technological advancement in Industries
- Signing of Memorandum of Understanding (MOU) with Industries.
- Interaction with Industries for the placement and summer training of our students.

Activities

MOUs for collaborative programmes are already in place with the likes of Confederation of Indian Industries (CII), Wipro India Ltd., Infosys, Accenture, Indobioactive Labs (P) Ltd, Pune Lords Distillery Ltd., Transgene Biotech, Hyderabad, Alkem Pharma Ltd, Mumbai, Textile rubber & Chemical Company India Pvt. Ltd. Workshops and seminars have also been conducted on Entrepreneurship Development, Intellectual Property Rights, Emerging Technologies and Futuristic Management Trends and Implementation of a Sustainable Growth Model for India. Besides, the IIPC also started an annual workshop and lecture series called 'PraGyaN' in the year 2006 in order to get top industry personnel to interact with students and faculty members. Sessions on Business Plan Writing, Case Studies and Entrepreneurship have been done. The establishment of a **Department of Science and Technology (DST) outreach centre** for the **Techno-entrepreneurial Promotion Program (TEPP)** has been another feather in the cap for this cell.

ITBHU has been declared to have A Technical Business Incubator

ACCOLADES

- In **May, 2005**, a survey of engineering schools ranked **IT-BHU** at Number **5** overall, and at Number 1 in the development of "Intellectual Capital".

- Many of its departments, called branches, come under the distinguished category of "**Centre Of Advanced Studies**", a distinction awarded by India's University Grants Commission.

- According to a survey of leading technical colleges in India carried out by **World Bank** in August 2003, **IT-BHU** was ranked **second** in research, after the Indian Institute of Science.

Current/Past International Collaborations

- University of Sheffield, UK
- University of Oxford, UK
- University of Cambridge, UK
- MPA University of Stutgart, Germany
- University of Wollongong, Australia
- IISc, Bangalore
- Indo-German Exchange Programme

Centre of Advanced Studies (CAS)

- CAS in Chemical Engineering and Technology.
- CAS in Electronics Engineering and Technology.
- CAS in Metallurgical Engineering and Technology.

SOME OF OUR ALUMINI

Nikesh Arora (EEE '89)

President, EMEA Operations & Vice President, Google Inc.

http://www.google.co.uk/corporate/execs.html

Pankaj Chandra (MIN '83)
Director, IIM Bangalore

http://www.google.co.in/search?
hl=en&rlz=1G1GGLQ_ENIN248&q=director+of+IIM-B%
2Bitbhu&btnG=Search&meta=

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

http://www.clearstone.com/content/html/about-team-
profile.htm?a=6

Vish Mishra
Senior Venture Partner

SOME OF OUR ALUMINI

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

http://www.matrixpartners.com/team_sss.asp

Prof. P M Ajayan (MET '85)

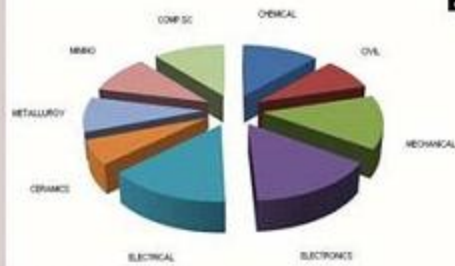He has created the darkest material at Rice University using carbon nanotubes.

http://www.rediff.com/money/2006/dec/15inter.htm

Arun Anant (MEC '85)

Appointed as CEO of UTV News in November 2007
Earlier was vice president of Economic Times

http://www.televisionpoint.com/news2007/newsfullstory.php?id=1
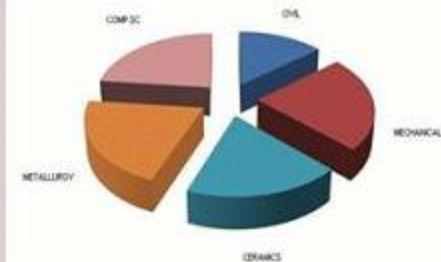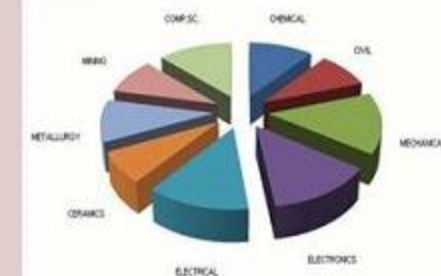196160725

DEMOGRAPHICS

B.Tech courses

- CERAMICS
- CHEMICAL
- CIVIL
- COMPUTER SC.
- ELECTRICAL
- ELECTRONICS
- MECHANICAL
- METALLURGY
- MINING
- PHARMACEUTICALS

M.Tech Courses(Dual Degree)

- CERAMICS
- CIVIL
- COMPUTER SC.
- MECHANICAL
- METALLURGY

New Batches(5 YR. COURSE, 2010)

- APPLIED CHEMISTRY
- APPLIED PHYSICS
- APPLIED MATHEMATICS
- MATERIAL SC.
- BIO-CHEMICAL ENGINEERING
- BIO-MEDICAL ENGINEERING

REGULAR RECRUITERS

Aakash	C-DOT	Goldman Sachs	L & T(ECC)	SAIL	Trilogy
ABB	Cadila	Google	L & T	Samsung-SIEL	Triune Project
ACC	Calance	Globallogic	LG	Samsung-SISO	Verizon
Accenture	Career Launcher	Gujarat Glass	Madras Aluminium	Samtel	VSNL
Aditi Tech.	Career Net	HCL	Maruti	Sapient	Wipro
Agilent	Career Point	HPCL	MBT	Satyam	Yahoo
Alkem Pharma	Capgemini	Hewlett Packard	Mentor Graphics	Skyworks Solutions	Zazu Network.
ANZ Bank	Caterpiller	Hindalco	Microsoft	Shapoorji Pallanji	
ANZ IT	Clarion Drugs	Hindlever	Midhani	Socrates	
Appulse	Cognizant	Hindustan Zinc	Morgan Stanley	ST Microelectronics	
Ashok Leyland	CSC	HP-Global	Motorola	Sterlite Group	
Atrenta	DE Shaw	IBM	NTPC	Swil	
Adobe	Digital Global	ISRO	Net Devices	Symbol Tech.	
BALCO	Dr. Reddy's Lab	ITC Limited	Newgen	TCIL	
BEML	DRDO	i-Runway	Nihilent	TATA Elxsi	
BPCL	Essar	IBM(ISL)	Nvidia	TATA Motors	
Baxter India	Evalueserve	Indian Oil Corpn.	On-Mobile Systems	TATA Refractories	
Bay Packet	FIITJEE	Infosys	Patni Computers	TATA Steel	
Bechtel India	Freescale	Infosys- SET labs	Quark Media	Tavant	
Bharat Forge	Future First	Ispat Industries	Reliance Infocom	TCS	
BHEL	GAIL	JP Rewa Cement	Reserve Bank	TIME	
Blue Star Info	Geometric Sol.	Jubilant org.	Rubic's Rostrum	Torrent Pharm.	

FACILITIES FOR RECRUITERS

Besides our warm welcome, Campus recruiters are given 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 Placement Day.

- Guest house and lodging facilities.

PHOTO GALLERY

CONTACT US :

Dr. S.N. SINGH
Training and Placement In-charge

Training and Placement Cell
Institute of Technology,B.H.U
Ph.No. - (0542) 2307007,2368160
Fax   - (0542) 2369162,2368428
Email - tpo@itbhu.ac.in , ittpo@sify.com

CREDITS :
Dharam Kumar
TPR,CSE-IDD