B.Tech (IT) PROGRAMME 2008

INFORMATION BROCHURE

IIIT Delhi

(Indraprastha Institute of Information Technology)

Delhi, India

MESSAGE

The establishment of the Indraprastha Institute of Information Technology, Delhi from the 2008-09 Session with Shri Kiran Karnik as Chairman of the Board of Governors and Prof. Pankaj Jalote as its Founder Director, constitutes an important milestone in the evolution of our National Capital as a Knowledge Hub for the new Millennium. Information Technology is the backbone for the efficient functioning of virtually all public and private institutions. It has a vital role to play in upgrading public governance including security management, streamlining delivery of public services and harmonious networking of complex functions which characterize the pace and diversity of modern life. The use of I.T tools in E-Governance, Health and Life Sciences and Financial Services is vital for enhancing productivity and general well being.

As it starts on its journey of bringing the latest learning's in the field of Information Technology to students and professionals as well as other stake holders and makes its own innovative contributions to the repository of global knowledge in this field, I send my Warm Felicitations and Best Wishes for the Institution's many successes and notable achievements in years ahead.

Tejendra Khanna

Government of NCT of Delhi
Delhi Secretariat,
IP Estate, New Delhi-110002
D.O.NO.: OSDCMY338

SHEILA DIKSHIT
CHIEF MINISTER

MESSAGE

It gives me immense pleasure to know that the Indraprastha Institute of Information Technology (IIIT) is going to commence its first academic session 2008-09 and an Information Brochure is being launched on 13th August, 2008. I am really happy that the Department of Training & Technical Education has taken a lead in establishing this institute.

With the opening of this specialized Institute, Delhi will be able to retain own students to stay back and to pursue technology based courses here itself. This would overcome problem of our own intelligent students and budding professionals going abroad to developed countries for the purpose of higher studies and research activates with an aim to reap the benefits of technical innovations.

I am sure that this new Institute would soon achieve a status of International excellence and would be able to nurture talent in the field of Information Technology, which is becoming catalyst of transparency, development and growth.

My sincere and best wishes for the success of IIIT.

(SHEILA DIKSHIT)

Chairman BOG IIIT-Delhi
(Former President NASSCOM)

Today, India is globally known for its IT prowess and ability in providing IT solutions to organizations across the world. Though the technical education system has grown rapidly to meet the demand, the quality and employability of most of the graduates has, of late, become an issue. In response to the need of producing high quality manpower, the Government of NCT Delhi has undertaken the bold initiative of setting up the Indraprastha Institute of Information Technology (IIIT Delhi).

IIIT Delhi will be a research-led institute with B. Tech, M. Tech, and Ph. D programmes. Its endeavor will be to prepare its students to innovate and create new products for and from the country. The uniqueness of IIIT Delhi will be its focus on specific domain areas and on software products. Leveraging fully its location advantage, IIIT, Delhi will look at IT in relation to areas like E-governance, Defence applications, life sciences, technology-led education, finance, automobile engineering, and mobile computing.

To drive this path-breaking initiative, Government of NCTD has, through an Act, created an institution that can function with full autonomy. The government has also provided IIIT Delhi with land and has sanctioned Rs 100 crores for its infrastructure. It will be the endeavor of all concerned to help make IIIT-D become a truly world-class institute, one that the whole country can be proud of and one that will attract faculty and students from across the world.

Kiran Karnik

Board of Governors

Sn	Name of Member	Designation
1.	Sh. Kiran Karnik (Former President NASSCOM)	Chairman
2.	Sh. R.Chandersekhar, Additional Secy. Ministry of IT, GOI, New Delhi.	Member
3.	Prof.Sadagopan. Director. IIIT Bangalore.	Member
4.	Sh. VV Bhatt Pr. Secy.(Finance Govt. of Delhi)	Member
5.	Prof. Ranjit R. Choudhary Eminent Pharmacologist	Member
6.	Sh. Phiroz Vandrevala, Executive Director, TCS	Member
7.	Dr G. Narendra Kumar. Secretary (TTE) Govt. Of Delhi	Member / Convener
8.	Prof. Pankaj Jalote, Director (Designate) IIIT-Delhi	Member

Mission

The mission of IIIT is to be a global centre of excellence in Information Technology education, training and research. Its twin aims are:

- To train and educate, at both undergraduate and postgraduate levels, engineers of outstanding ability who can become innovators and new technology and product creators in the country.
- To carry out advanced research and development in information and software technologies, and in better leveraging IT in specific domain areas.

About the Institute

IIIT (Indraprastha Institute of Information Technology) – Delhi is an autonomous institute of Delhi Govt, established by an Act 2007 "The IIIT-Delhi Act,2007"& (Delhi Act 5 of 2008), which plans to offer degree programs at all levels starting this year with a B-Tech (IT) program.

IIIT Delhi aims to be a research-led Institute with teaching at all levels. It aims to encourage innovation and entrepreneurship in specified domain areas of IT. Towards this end it plans to organize itself as a set of Research Centers, some of which in partnership with different companies and global R&D centers. All centers will be engaged in teaching.

Location & Infrastructure

IIIT-D will have it own companies in Okhla in about two years. For now it will operate from dedicated space provided to it in the NSIT Library building, in the NSIT campus in Dwarka. Common Infrastructure of NSIT will be available for limited use to IIIT-D students.

About the Program

As IIITD is a focused institute in IT and its application in same selected domains, the B Tech (IT) program will be heavily IT oriented, with suitable courses in domain areas, humanities & self & skill development.

Its program will be heavily practice oriented with conceptual lectures supported by labs & projects. In the start the courses will be taught by faculty from institutes in Delhi. Guest lectures from eminent faculty from IIT Kanpur and IIT Delhi will be arranged for most courses, to enable IIIT-D students to learn from the best Professors and interact with them. The focus of education will be on teaching concepts and theory and their application to problem solving.

Some courses will be taught in traditional instructor-led format. Some specialized skill and development courses, like the communications course, will be conducted by professional trainers. And some courses will be taught by renowned faculty from across the country in distance + face to face mode (ie., lectures will be given by these distinguished professors in-distance mode but mentored by a local mentor, and supplemented by regular, intensive face-to-face sessions with the professor).

Courses will aim to develop the students' skills & knowledge in the following

- IT Program Fundamentals
- Advanced IT courses
- Domain & humanities courses
- Professional & Self development

Further details of the program are available on the institute website www.iiitd.ac.in

Minimum Qualification for Applying

Educational Qualification (For Delhi Region Candidates)

A candidate passing any one of the following examination from recognized School/College/Institute located within the National Capital Territory of Delhi **only and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics** shall be eligible for admission provided he/she passed in each subject separately:
(i) Senior School Certificate Examination (12-year course) of the Central Board of Secondary Educational (C.B.S.E.), New Delhi.
(ii) Indian School Certificate Examination (12-year course) of the Council for Indian School Certificate Examination, New Delhi.
 (iii) Any other examination recognized as equivalent to the Senior School Certificate Examination of the C.B.S.E.

(For Outside Delhi Region Candidates)

A candidate passing anyone of the following examinations from the recognized School/College/Institute located outside the National Capital Territory of Delhi **only and securing 60 percent or more marks in the aggregate of Physics, Chemistry and Mathematics** shall be eligible for admission provided he/she has passed in each subject separately:
(i) Senior School Certificate Examination (12-year course) of the Central Board of Secondary Educational (C.B.S.E.), New Delhi.
(ii) Indian School Certificate Examination (12-year course) of the Council for Indian School Certificate Examination, New Delhi. .
(iii) Any other examination recognized as equivalent to the Senior School Certificate Examination of the C.B.S.E.

Note: *A candidate must additionally have passed English as a subject of study either at the 10th Class level or 12th Class level (core or elective).*

Who can apply
(In addition to minimum qualification student must have secured the Rank upto as mentioned below in the common entrance exam (CEE 2008) conducted by Delhi University for admission to Delhi College of Engineering and Netaji Subhas Institute of Technology to be considered for Delhi Region. And a rank in AIEEE-2008 conducted by Central Board of Secondary Education for admission to First Engineering courses across the country, to be considered for Outside Delhi Category.

Category	Delhi (DCE-NSIT Test)	Outside Delhi (AIEEE Rank)
General	2000	20000
SC	400 (SC List)	200000
ST	150 (ST List)	300000
PH	100 (PH List)	300000
DP	100 (DP List)	300000

No. of Seats

The maximum no. of seats for the program starting in 2008 is 60, of these 85% are reserved for Delhi students (as defined by NSIT/DCE Test) & 15% for the outside Delhi student.

Reservation

(a) Scheduled Castes (SC) 15% percent of the total seats.
(b) Scheduled Tribes (ST) 7.5% percent of the total seats.
(c) Children/War Widows of Defence Personnel Killed/Disabled in Action (CW) 5 percent of the total seats for children/widows of personnel of Armed/ Paramilitary Forces killed/disabled in action during the hostilities in the following priority:-
    1. Widows/wards of Defence Personnel killed in action.
    2. Wards of serving personnel and ex-servicemen disabled in action.
    3. Widows/wards of Defence Personnel who died in peace time with death attributable to Military Service.
    4. Wards of Defence Personnel disabled in peace time with disability attributable to Military Service.
(d) Physically Handicapped (PH) 3 percent of the total seats.
    The 3 percent reservation may be allocated as followed:
    1. 1 percent for persons with low vision or blindness,
    2. 1 percent for hearing impaired,
    3. 1 percent for those with loco motor disabilities and/or cerebral palsy.

Admission Procedure

Candidates who satisfy the minimum requirements for qualifications, can **apply online (this is the only way to apply)**. They will have to print out their form and send it with a draft for Rs 500 payable to "IIIT Delhi" as examination fee to at the following address **(through speed post only)**

> O.P.Shukla,*OSD IIIT-Delhi*
> *Room No 206,*
> *Department of Training and Technical Education,*
> *Near TV Tower, Muni Maya Ram Marg,*
> *Pitampura, Delhi 110088*

They must keep a copy of this form, which will be needed for appearing in the exam.

The candidates will have to undergo a screening test which will be conducted on **Aug 23**.The candidate should bring a copy of the form he/she had sent earlier, along with a valid photo ID for appearing in the screening test (NSIT-DCE Test/AIEEE admit cards can also serve as valid ID).

The candidates, who are selected through the test for admission in IIIT Delhi, will have to show, at the time of admission, documents about the rank in NSIT-DCE Test/AIEEE, marks in class XII, proof of residency, etc. Anyone found not satisfying the requirements or found having misrepresented the facts will be liable for cancellation of his/her candidature.

Syllabus for screening test

The screening test for eligible candidates will include general aptitude & structure thinking skills. Candidates may also be asked to write a short essay to test their communication abilities. As this would be a general aptitude test, there in no defined syllabus. The duration of the exam will be about 90 minutes or less.

Fee Structure

Fees for the 2008 batch will be Rs. 75000/- per year for the first two years. Each student is expected to have a personal laptop soon after joining. The top 10% of the selected candidates (based on the IIITD exam results) will be offered a 50% tuition waiver for the first year, or a free Laptop. Need based partial tuition waiver will also be considered.

Performance based scholarships or partial tuition waivers will be offered to students in future years also. The fees are likely to go up to Rs. 1,00,000/year for the last 2 years. Admitted students will have to deposit Rs 10,000 within one week, and the balance for the semester within one month.

Important Dates

Date of release of Application Form online (iiitd.ac.in)	13-August-2008 at 4.P.M
Last date for receipt of complete Form	20-August-2008 at 11.45 P.M
Date of Exam	23-August-2008 at 11.00 A.M
Result of Exam / Merit List online (iiitd.ac.in)	25-August-2008 at 03.00 P.M
Counseling starts	26-August-2008 at 10.00 A.M
Registration and Teaching	27-August-2008 at 9.00 A.M
Last Date of Admission	28-August-2008 at 4.00 P.M

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Address for submitting application

O.P Shukla
OSD IIIT-Delhi
Room No 206,
Department of Training and Technical Education,
Near TV Tower, Muni Maya Ram Marg,
Pitampura, Delhi 110088

Contact

Email director@iiitd.ac.in , ddsbtte.delhi@nic.in ,ddplgtte.delhi@nic.in
Phone No. Sh. O.P Shukla (OSD) 9811695025, 011-27325345

Address of Institution (Temporary campus for first 2 years)

Netaji Subhash Institute of Technology
Azad Hind Fauz Marg, Sector-3, Dwaraka, Delhi

Address of Institution (Permanent campus after first 2 years)

IIIT Delhi
Okhla Industrial Area
Near Banarsi Das Chandiwala Estate, Kalkaji
Delhi