



INDRAPRASTHA INSTITUTE *of*  
INFORMATION TECHNOLOGY **DELHI**

# Information Brochure

For Admission to the B.Tech CSE and B.Tech ECE Programs

2015

[www.iiitd.ac.in](http://www.iiitd.ac.in)

# Background

Indraprastha Institute of Information Technology, Delhi (IIIT Delhi) was created as a State University by an act of Delhi Government (The IIIT Delhi Act, 2007) empowering it to do research and development and grant degrees. The mission of IIIT-Delhi is to be a global center of excellence in Information Technology education, training and research. Its twin aims are:

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

The institute began with its first batch of 60 B.Tech students in 2008. Since then, it has come a long way with 40+ excellent faculty members specializing in diverse areas of Computer Science & Engineering (CSE) and Electronics & Communication Engineering (ECE), and over 900 students consisting of about 650 B.Tech. students, about 200 M. Tech. students, and about 75 Ph.D. scholars. In a relatively short time, it has earned a good reputation in India and abroad for being a centre of quality education and research in IT. The institute is approved by UGC and AICTE. In a short duration it has emerged as the country's leading institute for IT education and research.

## Infrastructure and facilities

IIIT Delhi has been operating from its permanent campus in Okhla, Phase III, since August 2012. The 25 acre campus, has facilities for teaching and research, hostels for both boys and girls and provisions for sports. The Academic Complex has a total of 10 lecture halls. There are two lecture halls with a capacity to seat 180, one of capacity 160, two of capacity 60 and five of capacity 30. The Faculty and Research wing has a capacity of 50 faculty offices and 8 research labs, along with the PhD rooms and M.Tech labs. The Library and Information Center has a common study area for students on the ground floor, the library is located on the first floor and also has several labs on the upper floors.

The vibrant and colourful Dining and Recreation Centre houses the student's mess, a cafeteria and facilities for extracurricular activities, such as a music room, table tennis and pool tables, and a gymnasium. The hostel area consists of a Boys' and Girls' hostel with a total capacity of around 550 students. The hostels have options of single, double and triple occupancy rooms, all of which are air conditioned. The hostels have their own badminton courts and a well-equipped common room. Infrastructure to support high quality research includes an internet access of 1 Gbps bandwidth; a data centre with 40 servers and 45TB storage, latest software and peripherals. With over 18 clubs to choose from and two extremely popular academic and cultural fests the students at IIITD are highly motivated and holistic in their pursuit of excellence. The institute recently organized an independent TEDxIIITD bringing the finest young leaders and their ideas worth spreading to the campus.

More information about the campus and student life is available on the institute's website <http://www.iiitd.ac.in/facilities>

# About the programs

The main objectives of its B.Tech. programs are to prepare students to undertake high end careers involving innovation and problem solving using IT, or to go for advanced studies for research and academic careers.

Our distinctive vision is how we propose to integrate the two fundamental streams of IT – Computer Science and Electronics and Communications Engineering, to mutual benefit. We fundamentally believe that our technological era is rich with creative opportunities for those who create new applications based on systems integration of existing technology components, in addition to creation of new frontiers of engineering knowledge. The curricular structure supports this vision.

The first year program is common for both CSE & ECE to allow flexibility to students in moving from one stream to the other. As the Institute is focused around these two disciplines, unlike an engineering institute which normally starts with courses in physics, chemistry, etc, in the first year of the BTech program, at IIIT-Delhi students do courses related to programming and hardware, as well as in Maths, Communication skills, etc. The second year program comprises mostly of core courses for the two disciplines. Third year onwards the program is flexible comprising of electives, which may be organized as streams. Flexible course options (electives) in the 3rd and 4th year allow students control over choice of specialized ‘tracks’ in accordance with their interests; in conjunction with 4<sup>th</sup> year projects and design oriented classes. Students can choose their discipline courses from a large number of choices offered (over 50). Students can also choose their open electives from a range of courses that are offered, both within and outside their discipline. To provide a broad-based development, students also do some Humanities and Social Sciences courses from a set of courses that are made available. We believe that it provides the necessary depth and broad systems-centric educational experience for long-term success in the emerging cutting-edge industries in the field of IT. For more information on the programs, please visit <http://www.iiitd.ac.in/education/btech>. For more information about the range of courses available, please visit <http://www.iiitd.ac.in/education/courses>

## Faculty

The quality of an Institute is largely determined by the quality of its faculty. IIIT-Delhi boasts of faculty which is as good as those in the IITs. It has about 40 full time faculty members, all of whom are PhD from fine institutions across the world, with about two thirds having PhD from US and Europe. The regular faculty is supported by visiting faculty and guest faculty for teaching courses. There are a number of adjunct faculty from industry as well as other Institutions. Besides excellence in teaching there is a committed pursuance of high quality research and innovation. The faculty and the institute benefit from a thriving relationship with both the industry as well as leading government research agencies. The students get exposure to both excellent teaching learning pedagogy deployed by the faculty as well as an opportunity to be trained by and collaborate with accomplished researchers in their disciplines. To see a list of faculty members, visit: <http://www.iiitd.ac.in/faculty>

# Placements

IIIT Delhi students enjoy the best combination of strong technical background and excellent soft skills, and continue to witness impressive placement statistics. For all the batches that have graduated so far, the average compensation has been over Rs 8 Lac and average salary of last batch is Rs 9.8Lac, which compares favorably with the best in the country. Visit the placement page for more information: <http://www.iiitd.ac.in/placement>

# Research

Excellence in research is essential for an Institute to gain global stature. IIIT Delhi is a research-led Institute of higher education with strong focus on research. It has built strong research groups, some of whom are already amongst the largest in India. The institute has received about 11 crores as research funds from DIT, DST, Nokia, SAP, Microsoft, IKSL, National Geographic Society, TCS, Indo-US Science and Technology Forum, etc. Currently the main research groups include Image Analysis and Biometrics, Mobile and Ubiquitous Computing, Software Engineering & Programming Languages, Wireless Systems, Advanced Electronic Systems, Information Security and Privacy, Information Management and Data Analytics, Theoretical Computer Science, GeoInformatics, Signal Processing and Scalable Systems. The institute has embedded research based project work in the undergraduate program.

# Opinions / testimonials

In a short time IIIT-Delhi has achieved a high reputation in academic circles and industry. Find out what distinguished people say about the Institute on: <http://www.iiitd.ac.in/about/opinions>

The page has videos containing views of famous and highly reputed personalities like NR Naryana Murthy (founder of Infosys), and Kiran Karnik (ex-president Nasscom and Chairman Board of IIIT-Delhi); views of highly respected Indian academicians like Dheeraj Sanghi (IIT Kanpur), M. Balakrishnan (IIT Delhi), BN Jain (BITS Pilani); and views of distinguished senior academicians from across the world like Robert Easter (President, UIUC, US), Arun Sharma (Deputy VC, QUT Australia), and Rajesh Gupta (Chairman CS, UCSD, US).

# Admission process

## eligibility

A candidate who has secured 80 percent or more marks in aggregate (including Physics, Chemistry and Math) and 80% or more in Mathematics in class XII from CBSE/ICSE/IB board or equivalent is eligible for applying to IIIT-D. This requirement is in addition to the marks obtained in Paper 1 of JEE (Main) 2015 and normalized score in Class 12th.

However, if the result of 10+2 is not declared by the last date of applying, the student is not eligible for this year's admission process. If the board has more than five subjects for aggregate, the best five will be taken into account. No candidate without proof of at least 80% in aggregate (including Physics, Chemistry and Math) and 80% in Mathematics will be entertained for admission even if he/she qualifies

the JEE (Main) 2015.

Candidates belonging to the following categories, who apply for seats reserved for them, shall be allowed a relaxation in the eligibility requirement. The relaxation is applicable both in Mathematics and overall percentage as detailed below:

- **Scheduled Castes (SC) and Scheduled Tribes (ST):** A relaxation of 10 percent marks in the eligibility requirements for the seats reserved for them.
- **Defence:** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.
- **Persons with Disability (PwD):** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.
- **OBC:** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.

Any other relaxation, if any, will be announced on the joint counseling website.

## admission criteria

Admission will be based on the total marks obtained in Paper 1 of JEE Main 2015 and score in Class 12th or other qualifying exam (60% and 40% weight respectively). In addition up to 10 bonus marks will be given to candidates as mentioned below:

### 1. Olympiads. Indian National Olympiad in Informatics, Maths, Physics, Chemistry, and Biology:

10 marks, if the student was selected for the summer training camp for selection of the final team for International Olympiad (i.e. IOITC, IMOTC, OCSC for Physics, Chemistry, or Biology); **Supporting** documents needed: Certificate/letter from organizers certifying this – IIITD will also verify this directly with organizers of the Olympiads

- 6 marks, if the student qualified to appear in the National Level Exam for selection for the summer camp (i.e. INOI/ INMO/ INPhO/ INChO/ INBO). Supporting documents needed: Qualification letter/email to appear in the exam – IIITD will also verify this directly with organizers of the Olympiads.

### 2. Procon Junior programming contest:

- 10 marks for the medal winners; Supporting documents needed: Certificate/letter from organizers certifying this.
- 6 marks for those who got certificates of Achievement; Supporting documents needed: Certificate/letter from organizers certifying this.

### 3. National Talent Search scholarship

- 6 marks, if a student has won this scholarship. If a student gets this in a specific category, then he/she can only be considered in that category. Supporting documents needed: Certificate/grant letter

### 4. Kishore Vaigyanik Protsahan Yojana (KVPY)

- 6 marks, if a student has qualified for this scholarship. If a student gets this in a category, then he/she can only be considered in that category. Supporting documents needed: Certificate of merit/grant letter

### 5. Sports: If a student has represented a state in any sport in "priority discipline" (as per terminology used by SGFI), except Chess (as Chess is dealt with separately), in National School



Games organized by a School Games Federation of India, under U19 or U17 category (girls or boys):

- 6 marks if the individual has participated in it. Supporting documents needed: Certificate for medal, or Certificate of participation issued by School Games Federation of India.

#### **6. Chess. FIDE rating players:**

- 10 marks for those whose FIDE rating is above 1800; Supporting documents needed: FIDE ID, Self-attested printout of list of international rated tournaments played as provided by FIDE through their official website. (Later participation certificates for these tournaments will have to be shown)
- 6 marks for those whose FIDE rating is below 1800. Supporting documents needed: Same as above.

#### **7. Culture:**

- 6 marks for those Student who have received “Scholarship to Young Artistes“ given by Ministry of Culture, Government of India, or “Cultural Talent Search Scholarship Scheme” given by Centre for Cultural Resources and Training an autonomous body under the aegis of Ministry of Culture, Government of India. Supporting documents needed: Scholarship sanction letter and certificate issued by Ministry of Culture, Government of India / Centre for Cultural Resources and Training, Government of India.

**Note:** If candidate has qualified for more than one category, he/she will get higher marks under any of the categories.

## **merit list**

Merit list will be prepared as follows:

1. Total marks obtained in Paper I in JEE Mains 2015, converted to base of 60.
2. Normalized score in Class 12th, converted to base of 40.
3. Bonus marks, if any, as defined above (maximum: 10).
4. The priority list will be based on the total of the above three.
5. In case of a tie, the candidate with a higher rank in JEE Mains shall rank higher. In case there is still a tie, the candidate older in age shall rank higher.

## **age criteria**

A candidate should be less than 25 years of age as on 1<sup>st</sup> October 2015.

## **joint counseling**

The admission will be through joint counseling with Delhi Technological University (DTU), Netaji Subhash Institute of Technology (NSIT), and Indira Gandhi Delhi Technical University for Women (IGDTUW). During joint counseling, admissions will be offered to candidates in order of merit list in different categories. Detailed instructions for joint counseling will be posted on the site later. When all seats are filled, a waiting list will be prepared. Later, only candidates from the waiting lists prepared during joint counseling will be offered admission against any vacancies created. The portal for joint counseling ([www.jacdelhi.nic.in](http://www.jacdelhi.nic.in)) will be activated around mid-June. Online application forms will be available from July 1, 2015 (tentative); last date for registration will be July 12, 2015.

# Number of seats + reservation

The number of seats for the CSE and ECE programs starting in 2015 are 110 and 70 respectively, of which 85% are reserved for Delhi students and 15% for outside Delhi students. (01 supernumerary seat is reserved for Kashmiri Migrants and twelve supernumerary seats are reserved for foreign nationals.)

Category	CSE		ECE	
	Delhi	Outside	Delhi	Outside
General	47	8	30	3
SC	14	2	9	2
ST	NIL	1	NIL	1
PwD*	3	NIL	2	NIL
Defence **	5	1	3	1
OBC	25	4	16	3
Total	94	16	60	10
1 Seat is reserved as supernumerary for Kashmiri Migrants				
12 Seats are reserved as supernumerary for Foreign Nationals				

\* **Persons with Disability (PwD)** - 3 percent of the total seats. The 3 percent reservation is divided in three sub-categories as given below. Any vacancy from one sub-category will be passed to the next sub-category in following order:

- 1 percent for persons with low vision or blindness.
- 1 percent for hearing impaired.
- 1 percent for those with loco motor disabilities and/or cerebral palsy.

\*\* **Defence** - 5 percent of the total seats. The 5 percent reservation will be allocated in the following order:

- Widows/wards of Defence personnel killed in action.
- Wards of serving personnel and ex-servicemen disabled in action.
- Widows/wards of Defence personnel who died in peace time with death attributable to military service.
- Wards of Defence personnel disabled in peace time with disability attributable to military service.
- Wards of ex-servicemen and serving personnel who are in receipt of Gallantry Award.
- Wards of ex-servicemen.
- Wards of serving personnel

## certificates to be produced with respect to reserved categories

1. The candidate seeking admission under a reserved category has to mandatorily produce the caste/category certificate in his/her name at the time of counseling. The certificate in name of either of the parents (Mother/Father) is not acceptable and the candidate will not be entitled even for provisional admission.

2. The certificate should be issued from the respective state/region in which the reservation is claimed. For example, in case candidate claims an SC seat reserved for the Delhi Region, he/she has to bring SC certificate issued by Govt. of NCT of Delhi and should have also passed his/her qualifying exam from a Delhi school/college.
3. OBC candidates are required to produce a caste certificate issued by any of the authorities mentioned below after March 2015. If the certificate is issued prior to March 2015, it must be accompanied with an additional certificate regarding non-creamy layer status issued by the same competent authority.

## SC/ST Candidates

SC/ST Candidates are required to produce a caste certificate from any of the following authorities:

- District Magistrate / Additional District Magistrate / Deputy Commissioner / Collector / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / City Magistrate (not below the rank of 1st Class Stipendiary Magistrate), Sub-Divisional Magistrate/Taluka Magistrate Executive Magistrate / Extra Assistant Commissioner.
- Chief Presidency Magistrate / Additional Chief Presidency Magistrate /Presidency Magistrate
- Revenue Officer not below the rank of Tehsildar.

## Defence Category

Defence candidates will have to produce a certificate by any of following authorities:

1. Secretary, Kendriya Sainik Board, Delhi.
2. Secretary, Rajya/Zila Sainik Board.
3. Officer-in-Charge, Record Office of concerned service for serving personnel.

## PwD Category

PwD candidates are required to produce a certificate as to whether they are fit to undergo the course they have applied for. The certificate is available at the Vocational Rehabilitation Centre for the Handicapped, 9-11 Vikas Marg, Karkardooma, Delhi 110092.

## OBC Category

District Magistrate / Additional District Magistrate / Deputy Commissioner / Collector / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / City Magistrate (not below the rank of 1st Class Stipendiary Magistrate), Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner.

## Kashmiri Migrants

One seat, which will be supernumerary in nature, is earmarked for Kashmiri migrants. Admission will be based on merit. First preference will be given to Kashmiri migrants registered in Delhi up to 11-06-2001. A certificate of competent authority for availing admission against Kashmiri Migrant Quota is to be produced by the candidates at the time of counseling. (The format is available on the website.)



## Seat conversion (after counseling)

1. Any seat (reserved or general) remaining unfilled in outside Delhi category will be transferred to Delhi seat of the same category. The order of conversion shall be Outside Delhi (Reserved Category) → Delhi (Reserved Category) → Outside (General) → Delhi (General). (For SC and ST seats for outside Delhi, any unfilled seat will be moved to the SC category Delhi seat.)
2. Any seat under reserved category remaining unfilled in Delhi category will be transferred to Delhi General Category.

## Foreign students quota

12 additional (supernumerary) seats are reserved for foreign students. Admission will be through DASA 2015. Admission, Eligibility and Fee will be as per guidelines of DASA 2015 (Direct Admission to Students Abroad 2015) please refer to <https://www.dasanit.org/> for details.

## Fee structure

Tuition Fee Rs. 87,500/- per semester

Campus Maintenance Rs 15,000/- per annum

Fees will increase by 10% per annum

(Campus maintenance fee was introduced when the Institute moved to the permanent campus. This fee is for covering the cost of maintenance.) In addition, a one-time refundable Caution Money Deposit of Rs. 5,000. The hostel is optional. Current hostel fee is about Rs. 4000 per month for two semesters (not including vacation) for double occupancy. Mess charges are on actuals and were about Rs 2500 per month in 2014-15. Hostel fee is likely to go up by 5-10% every year.

## Scholarships

The institute has introduced a merit scholarship, and also offers income linked fee-waiver for Delhi students

### A. Chairman's Merit Scholarship in BTech admission for top students

Any Delhi students whose JEE rank is less than 2000 will be given a scholarship of Rs 1lacs / year (which can be adjusted against the fees) for the entire duration of their BTech at IIIT-Delhi, provided they maintain a CGPA of 8.5 or above. (i.e. they will get Chairman's Scholarship the for the first year. For subsequent years they will get the scholarship if their CGPA is 8.5 or above.)

**Note:** These students are not eligible for income linked fee waiver scheme of the student.

### B. Income Linked fee Waiver

Criteria	% Fee Waiver
Parents are in the Below Poverty Line Category	100
Gross Income of parents in service is upto Rs.4.50 Lakh p.a. (Rs.2.70 Lakh p.a. for those having business income) and last school fee paid is less than Rs.0.25 Lakh p.a.	50
Gross Income of parents in service is upto Rs.6 lakh p.a. (Rs.3.60 Lakh p.a. for those having business income) and last school fee paid is less than Rs.0.45 Lakh p.a.	25

**Note:** that these are applicable only to students from Delhi, as IIIT-Delhi is a State Government institution of the state of Delhi.

# Important dates

Important dates (these are tentative, please visit the website [www.jacdelhi.nic.in](http://www.jacdelhi.nic.in) around mid-June)

## **Tentative Dates:**

Release of online application form	1st July 2015 (Wednesday)
Last date for online application	12th July 2015 (Sunday)
Display of Merit List	16th July 2015 (Thursday)
Counseling	18th July 2015 (Saturday)
Display of wait list	20th July 2015 (Monday)

**Note:** No admissions will be done after the commencement of the classes even if some candidates drop out. Information and instructions for counseling, orientation, etc., will be posted from time to time on the Institute's website. This is the only method by which such information will be disseminated.

# Contact

## **Admission Office.**

Indraprastha Institute of Information Technology (IIIT) Delhi  
Okhla Industrial Estate, Phase –III

Ist Floor, Academic Building,  
Near Govindpuri Metro Station.  
New Delhi

011-26907400-04  
[www.iiitd.ac.in](http://www.iiitd.ac.in)

## **E-Mail**

All queries may be sent to [btech-admissions@iiitd.ac.in](mailto:btech-admissions@iiitd.ac.in); however no individual replies will be sent. Replies /clarifications, if any, will be posted only on the institute's website.

## **Web**

All information will be posted on the Institute website [www.iiitd.ac.in](http://www.iiitd.ac.in) all future announcements, clarifications, etc. will only be posted on this address.

# Disclaimer

This is the initial brochure, and is subject to modifications as per the institute policy. Regarding seats and counseling, in case of any conflict, the information listed on the Joint Admissions Counseling Website ([jacdelhi.nic.in](http://jacdelhi.nic.in)) will be considered final.