



International Institute of Information
Technology
Bangalore
(A Deemed University)



Last Updated: 22 January 2010

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Director's Message

The graduate programs at iiit-b are among the best in the country, offering education oriented towards producing highly-qualified practitioners and researchers. As an independent institution and a deemed university, iiit-b collaborates with the IT industry, leading academic institutions abroad, and eminent scientists and industry leaders to offer students the best possible education. Our students have been well received by the industry, and have been placed with some of the leading companies in the field; in fact, iiit-b can boast of 100% placement for all its graduates. Some of our Masters students are also pursuing doctoral degrees both in India and abroad, with a view to enter academic / research careers.

Students are encouraged to ask questions, pursue their research interests, and gain membership and respect in the select club of high-achieving IT professionals. The infrastructure and interactions that iiit-b offers students and faculty makes possible the pursuit of individual and joint projects, industry-sponsored research, and study that is of the highest standards required for global competitiveness.

The institute has a relaxed, friendly atmosphere, but with a constant buzz of excitement due to many well-known visitors including giants from the industry, well-known scientists, and leaders of government from all over the world.

Admission is selective but not restrictive. We are very proud of the achievements of our alumni, and strive to gain good students who will achieve their potential and continue this trend. We thus warmly welcome applicants from different backgrounds who share our vision of excellence.

S. Sadagopan
Director

Genesis

The International Institute of Information Technology, a Deemed University, popularly known as iiit-b, was established in 1999 with a vision to contribute to the IT world by focusing on education and research, entrepreneurship and innovation. The Institute is a registered not-for-profit society funded jointly by the Government of Karnataka and the IT industry.

Since its inception, iiit-b, with its unique model of education, research, and industry interaction, has grown in stature to become an institution of considerable repute in academic as well as corporate circles. The Institute works in partnership with the corporate sector, while retaining the freedom of an academic institution. It is inspired by other renowned institutions, and also strives to emulate an academic culture that is on par with the best international institutions.

Why IIIT-B

The IT industry in India as a whole is seeing an increasing shift from low-end programming or service-oriented jobs to high-end research and design that competes with the best worldwide. Many young people seeking entry to the IT sector find that they do not have the necessary technical or research background to obtain the types of roles they seek in their careers and must settle for unfulfilling work, and industry as well is frustrated by the lack of quality in the talent pool from which it must create tomorrow's exciting innovations and products. The International Institute of Information Technology-Bangalore offers students a unique environment that provides them with state-of-the-art knowledge in multiple disciplines beyond traditional computer science, covering the wider spectrum of Information Technology, and equips students to provide thought leadership and gain the satisfaction of fulfilling their creative and intellectual potential by becoming full peers to the brightest minds in the world, rather than just providing the low-end labor to implement others' grand visions.

Considering the pervasive nature of IT in all walks of life, iiit-b encourages and admits students from a wide variety of academic disciplines into the programs. About half of our students in recent years have been bright young men and women who already have some work experience, but have decided to take a break from their careers to pursue our M.Tech. program in order to shift their careers on to more stimulating and rewarding paths. Strong interaction with the industry is built into our academic programs because iiit-b believes in equipping students to become productive right from the day they enter the industry. For those aspiring for academic goals, iiit-b provides a research environment as well. Students have the opportunity to get financial aid in the form of scholarships and internships to help meet tuition and other expenses, so a bright student is limited only by his or her own vision and ambition.

Location

Bangalore is often called the Silicon Valley of India. With the pleasant climate, the urban amenities, the rich tradition of technical education, and the highly professional ambience, numerous global and local corporate big-name entities have found a home here. The iiit-b campus is located in the heart of Electronics City, one of the prestigious IT destinations in Bangalore, with excellent infrastructure, facilities, and services.

The list of companies located in the high-tech area close to the Institute is a virtual Who's Who of the IT business. iiit-b is situated opposite the Infosys corporate headquarters, and is within easy walking distance of other major companies like HP, Siemens, Wipro, HCL, GE, Satyam, and others, giving students and faculty opportunities for productive interaction with the industry.

Campus & Housing

The Institute moved to its present Electronics City campus in 2003. The campus features well-maintained lush green lawns, musical fountains, and a small pond, creating an ideal learning environment to stimulate intellectual and personal growth.

Designed and built in compliance with the highest global standards, the teaching and learning infrastructure features the most advanced elements of contemporary academic tools. With over 80,000 square feet of air-conditioned space, uninterrupted power supply, and a well-crafted interior, the Institute offers a world-class environment for students and faculty.

All the classrooms are "smart," with high-speed data networks and large projection systems for audio and video. The well-designed main classroom comfortably seats in excess of 150 students. Video conferencing capabilities are built in using state-of-the-art audio-visual equipment. They include electronic smart boards, location-sensing microphones, and multiple LCD projectors, thus enabling an enriching learning experience.

All the academic programs are residential in nature. Separate hostel facility is available for men and women. Students get individual rooms. Meals are available at the Food Court located in a separate building (the food that our students have is the same food that is also had by faculty and staff, and offered to visitors including distinguished dignitaries, thus ensuring high quality). A separate cafeteria is available for small snacks during working hours.

For recreation inside the campus, indoor games (carroms, chess and table tennis) and a limited number of outdoor games (cricket and basket ball) are available. All the hostel blocks are equipped with a reading room and a music/meditation hall and a gymnasium facility.

Programs Offered

The Institute is an exclusive graduate school, and offers no undergraduate degree programs. The graduate study programs offered lead to the Master of Technology (M.Tech.), the Master of Science (M.S.) by Research, and the Doctor of Philosophy (Ph.D.) degrees in information technology. These programs offer training that is comparable to the best anywhere, and cater to different needs.

[M.Tech. Program](#)

The M.Tech. degree is intended to provide education for students who wish to work in the IT industry as practitioners. It is awarded upon successful completion of a 4-semester broad-based academic program in IT, going beyond traditional computer science. Apart from imparting technical knowledge, the program teaches managerial and other life skills that are essential for a successful career in today's competitive IT industry. All students enrolled in the M.Tech. program are residential, full-time students.

NB: There is no part-time M.Tech program for working professionals.

[M.S. by Research & Ph.D.](#)

The Institute offers two research programs for students that lay emphasis on carrying out quality research in the chosen field of study.

The M.S. by Research degree is intended for mature students who wish to learn and perform research in a supportive academic environment. It is awarded upon successful completion of a graduate-level research program, usually lasting four semesters. Beyond the satisfaction of a relatively small number of coursework requirements, the major focus of the program is on developing research skills, leading to the completion of a Master's thesis describing significant original results. Most M.S. by Research students are working professionals (some already working as research scientists in reputed organizations or government bodies), who are sponsored by their employers.

The Ph.D. is the terminal, research-oriented degree in the subject, intended to prepare students for research, teaching, and scholarly careers in academic settings or research laboratories. It connotes a superior comprehension of the field and a high aptitude for research, and is awarded upon completion of a program that takes from 3 to 5 years (there are no hard limits). Beyond the satisfaction of a relatively small number of coursework requirements, the major focus is on carrying out a significant body of original research and the writing and defense of a doctoral dissertation describing this work.

Course Structure

Fundamental to Information Technology is the integration of different technologies and the integration of technologies into organizations. The uniqueness of the IIT-B curriculum is that it makes for a broad-based program going beyond traditional computer science, and enables students to function well in the industry, while keeping the rigorous learning expected of a classical program.

The M.Tech. program is a four semester program. The first three semesters of the program constitute academic course work. During the fourth semester, a student can either take up an industry internship or academic research at the institute leading to a thesis.

The M.Tech. program also includes a unique 3-week period during the beginning of the program called “Preparatory Semester.” The preparatory semester is intended to give uniform background to all the students irrespective of their technical background. This semester covers introductory programming, mathematics and statistics and an introduction to systems analysis and design. After the 3-week preparatory term, the first semester of the M.Tech. program consists entirely of required “core” courses. These teach the new student the common foundational elements required, such as advanced programming principles, mathematical background, algorithms, digital signal processing, databases, fundamentals of software engineering and networking. The second semester builds on this foundation with two more core courses. In addition to doing the core courses, the student now has the freedom to begin specializing in one of several areas such as:

- Computer Science
- Database and Information Systems
- Embedded Systems
- IT & Society
- Networking and Communication
- Software Engineering

Across the second and third semesters, the students take at least three elective courses in their area of specialization and an additional three open elective courses (some of which may include research and other individual or group projects supervised by a faculty member). The final semester is designated for industry internship, or the writing and defense of a research thesis. The following table summarizes the overall course structure of the M.Tech.

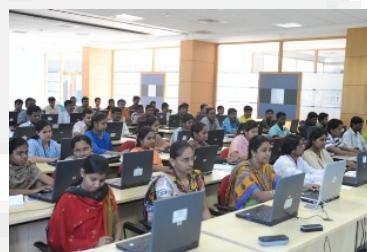
Prep-semester 3 weeks	Prep-semester 1: Mathematics (Discrete mathematics, Probability and Statistics) Prep-semester 2: Information Systems Analysis and Design Prep-semester 3: Introductory Programming (C)	
Semester I 15 weeks	Core 1: Algorithms Core 2: Data Management	Core 3: Object Oriented Design Core 4: Networking and Communication
Semester II 17 weeks	Core 5: Operating Systems Core 6: Software Engineering	Elective 1 Elective 2
Summer Session 9 weeks	Core 7: Accounting and Finance Core 8: Marketing and Strategy Core 9: Technical Communication	
Semester III 17 weeks	Elective 3 Elective 4	Elective 5 Elective 6
Semester IV 26 weeks	Industrial Internship/Research Thesis	

Academic Infrastructure



The infrastructure for iit-b's fully wired campus consists of a high-speed fiber-optic backbone connected to the internal network through a high-end gigabit Ethernet switch. Dedicated network equipment includes printers, scanners, and other equipment. Connectivity in the campus is established at two levels. First, the local intranet implements a "virtual classroom," where all the visual material, such as presentation slides used by Professors in class, is made available electronically to students. All assignments and projects are announced and submitted online. The intranet also enables knowledge sharing among students.

At the second level, 24x7 Internet access is available throughout campus, in both wired and wireless modes. iit-b is one of the few institutions in India to have an active wireless LAN (and was the first to have this technology way back in 1995). Wireless-mode access is available throughout campus academic and hostel blocks using the 802.11b/g protocol. In addition, high-speed Ethernet ports are installed at various locations in the building, providing wired Internet access through a proxy web server.



All students have a Wi-Fi enabled laptop for their exclusive use. This ensures a student to machine ratio of better than 1:1, implying complete accessibility. This moreover, the institute has high end computational servers. The servers provide an in-house private cloud computing infrastructure through virtualization. This in turn allows for an individual approach to learning, providing the freedom to learn at one's own pace and focus on one's chosen domain of specialization.



The Institute has an academic library with an excellent collection of books, journals, and magazines both in print and electronic form. Students have privileged free access to numerous online research resources (such as the ACM Digital Library, IEEE Explore, JSTOR).

Research Labs

Wireless Access network lab (Prof. Debabrata Das)

The lab focuses on research involving networking standards and technology. Current research work concentrates upon latest broadband wireless access technology - WiMAX. Major areas of work include power management, media independent handover (MIH), seamless interoperability and scheduling schemes in WiMAX (IEEE 802.16e). Microsoft Research Ph.D India fellowship student works in this lab.

Mobile Computing Lab (Prof. Debabrata Das)

This Nokia-sponsored research lab focuses on blending of multiple services on a handheld device over Internet and its performance impact during mobility.

Open Systems Laboratory (Prof. Srinath Srinivasa)

The Open Systems Laboratory (OSL) at IIIT Bangalore was started in 2002. It works in the broad areas of data and information systems engineering, graph data management, web information retrieval, text mining, social network analysis, mobile data management, distributed computing and openworld computing. The lab also hosts the first PlanetLab (www.planet-lab.org) node in India. PlanetLab grid is a worldwide grid for testing distributed algorithms. The OSL is also involved in another major project called Silverfish, whose objective is to develop a wide-area data grid for academic materials and course pages.

Software Design Laboratory (Prof. K. V. Dinesha)

The research focus here is on the design and architecture of software. Design patterns approach for the software development process is studied, with special emphasis on the impacts of design principals and patterns on the flexibility aspect of software design. This lab has a tie up with IBM via its academic relationship program.

HP - IIIT-B IP Multimedia Subsystems (IMS) Innovation Lab (Prof. Debabrata Das)

This lab has been sponsored by HP's open call group. The main areas of research and development carried out in IMS lab are related to video and audio streaming including handheld devices, as also Video Media Platform, Charging , Service Delivery in IMS using Application Servers, XDMS, HSS and Presence servers, Security and Device Management. IMS lab is one example of Industry and academia collaboration to develop some of the next generation telecom products.

SNIA - IIIT-B Laboratory (Prof. G. N. S. Prasanna)

The institute in collaboration with the Storage Network Industry Association host the SNIA IIIT-B Lab, an inter-industry centre for training, education network and research in all aspect of storage technology. The centre functions as a model centre in this area for academics and industry in India and South Asia in general.

Centre for Spatial Information Sciences (Prof. S Rajagopalan)

The Centre for Spatial Information Sciences (CSIS) at IIT Bangalore was established in October 2006. The centre carries out basic and applied research in Geographic Information Sciences Domain, like Geographic Information Retrieval. GIR can be considered as a specialization of Information Retrieval, it takes into account the spatial and geographic aspect of the web documents by laying emphasis on spatial and geographically oriented indexing and retrieval. Other areas of interest are Object Oriented Spatial Databases; Geographic Ontology- the study of geographic objects and the relationship between them and sensor maps.

Information Systems Lab (Prof. Chandrashekar Ramanathan)

Information Systems Lab carries out research in the area of information modeling and management. Broad areas of work include content management.

Tuition, Aid & Scholarships

The tuition for all programs at iiit-b is Rs. 50,000 per semester. M.S. by Research and Ph.D. students are required to pay tuition for the first three semesters. In addition, residential students pay Rs. 1500 towards hostel rent and Rs. 1500 for food expense. Other costs for books and supplies, travel, purchase of a laptop, etc., need to be factored by students depending on their individual circumstances.

Most M.Tech. students receive bank loans at fairly generous terms that cover all their costs. About 25% of the students are eligible for merit-based, industry-sponsored scholarships. Teaching assistantship opportunities, which provide a financial incentive besides valuable experience for future careers, are available to third-semester M.Tech. students based on their academic performances in the first year.

Employed students who undertake studies at iiit-b are expected to cover their own costs, including tuition. Many such students are sponsored by their employers.

All full-time Ph.D. students, except those receiving support from other sources, are offered full financial support covering tuition and a stipend of Rs. 20,000 per month. Such funding for our Ph.D. students comes from HP, IBM, Intel, Infosys, Motorola, Siemens, and other companies.

Industry-Funded Scholarships

The Institute has offered about 25 scholarships (out of the 140+ students admitted in 2009) to meritorious students joining the M.Tech program. The institute expects to offer a similar number of industry-funded scholarships in 2010 as well. The scholarship amount covers almost all student expenses over the duration of their M. Tech. The selection for these scholarships is carried out by the industry representatives along with IIIT-B faculty. 2009 scholarship sponsors include; Intel, Infosys, ABB, Siemens, AMD, HP and EMC.

Internship & Placements

The Institute has a strong placement program that has achieved 100% placement of all its graduates. The graduates have found challenging assignments with several multinational and Indian giants of the IT industry. A broad-based curriculum coupled with strong bonds with the industry ensures that the students are equipped with the right skills to be highly productive and ready to take on real-world IT challenges when they graduate.

Even before the students graduate, the Institute's internship program gives the students an opportunity to get hands-on exposure in real-world projects as part of the final semester. Many of the companies that participate in the final Placement Program also participate in the Internship Program. This allows students to spend one whole semester in the industry working on live projects prior to graduation. The companies provide students with stipends for the duration of the internship and also the opportunity to work with their teams, at their premises, on challenging real-life projects. The internship program is an avenue for placement, as many interns who perform well are given job offers by the companies they work for in the final semester.

In addition to the industry-sponsored internships based out of India, there is also an opportunity to do research and project work at the Technical University of Kaiserslautern in Germany / Malmo University in Sweden as part of the final semester internship. The internship includes financial aid to cover travel and living expenses in Germany / Sweden during the course of internship.

Recruitment Statistics

2001 BATCH	2002 BATCH	2003 BATCH	2004 BATCH	2005 BATCH	2006 BATCH	2007 BATCH	2008 BATCH	2009 BATCH
GE (26) HP (13) INFOSYS (11) DIGITAL (10) WIPRO (9) BANGALORE LABS (9) SAP LABS (7) IBM (6) NOVELL (5) COGNIZANT (3) HUAWEI (3) AALVANCE (4) ALPHA NETWORKS (4) BACKEND (4) CUSTOMER ASSET (4) ITSOLUTIONS (4) MINDTREE (3) IFLEX (3) DSQ (3) ACCENTURE (2) CARTOR (2) GNS (2) RIVERSTONE (2) RAMCO (2) ROBERT BOSCH (2) BRILASOFT (1) COMPAQ (1) ECHO LABS (1) GE CONSUMER (1) IGATE (1) INDIA INFOGAN (1) MOTOROLA (1) ORACLE (1) PA CONSULTING (1) SAIL (1) SAP (1) SASKEN (1) TCS (1) US (1) BLUEFOUNT (1) GAVS (1) LUCENT (1) PGG (1) SAS (1) SUN MICROSYSTEMS (1)	GE (28) CELLNEXT (18) GAVSIN (11) SAP LABS (11) SIS (6) DAMLER CHRISLER (4) HP (4) IFLEX (3) COGNIZANT (3) HUAWEI (3) VISUAL SOFT (3) CORTI (2) THOUGHTWORKS (2) ALPHA NETWORKS (2) CUSTOMER ASSET (2) ANTARIX (2) MANMAR (2) GAS (1) IBM (1) INFOSYS (1) LGS (1) NOVELL INC (1) SAP ICG (1) SYMPHONY (1) VERISIGN (1) COCA-COLA (1) HONEYWELL (1) RAMCO (1) SAIL (1) SHIPARA (1)	MASTEK (13) COVANSYS (13) GE (11) TCS (10) HONEYWELL (6) INFOSYS (6) DIGITAL (5) OCCI (4) DELPHI (4) GAVS (4) GE GIS (4) SAP (4) SAP LABS (4) CELLNEXT (3) FLEX (3) WIPRO (3) ZENBAR (3) DAMLER CHRISLER (3) Q (3) MINDTREE (2) ORACLE (2) TESCO (2) THOUGHTWORKS (2) WEBMETHODS (2) PHILIPS (2) OVIN (2) ABB RESEARCH (2) BEA (1) CRIMSONLOGIC (1) CSI (1) CTS (1) DLINK (1) GE HEALTHCARE (1) HCL (1) HP GOIC (1) HUAWEI (1) IBM (1) INFINITE COMPUTER (1) NOVELL (1) PORBORN (1) PRIMATI (1) QWEST SOFTWARE (1) RAMCO (1) RAPIDIGM (1) TALISMA (1) TATA TEL (1) TAVANT (1) THORGOOD (1) INVOI (1) IT SOLUTIONS (1) SAIL (1) SATYAM (1) SYNOVA (1) VMONISHA (1)	COVANSYS (9) SAP LABS (7) HUAWEI (4) EMC (3) IBM (3) ALPHA (2) DELPHI (2) HONEYWELL (2) INTEL (2) NOVELL (2) ORACLE (2) THORGOOD (2) WEBMETHODS (2) YAHOO (2) AGERE (1) AMDOCS (1) CISCO (1) DAMLER CHRISLER (1) DORTI (1) DELLMA (1) GXS ITC (1) PROTEANS (1) I-FLEX (1) KODAK NETWORKS (1) INFORMATION (1) RAPIDIGM (1) TAVANT (1) TECHSPAN (1)a	SAP LABS (20) GE HEALTHCARE (13) INTEL (12) Q (11) EMC (8) SIEMENS (8) HUAWEI (7) GE GIS (7) CCOR SOLUTIONS (4) FIBERLINK (4) HP (3) MOTOROLA (3) ALGO (1) CABENCE (1) GE TRANS (1) HUAWEI (1) MINDSCAPE SOFTCH (1) NOVELL (1) SMT MULTICONNECT (1) SYMANTEC (1) VISUAL SOFT (1) YAHOO (1)	Q (16) GE (13) HP (12) SIEMENS (9) EMC (8) GAVS (6) COVANSYS (7) FIBERLINK (6) SAP LABS (6) QSCO (5) SAP (4) ALGO (2) INTEL (2) INFORMATION (2) ZIVA (2) ABB (1) BEC EEM (1) FAST MEDIA (1) GENERAL MOTORS (1) HONEYWELL (1) HP LABS (1) IBM (1) LUCENT (1) MICROSOFT (1) MOTOROLA (1) MS RESEARCH (1) NOVELL (1) TI (1)	EMC (19) SAP LABS (18) GE HEALTHCARE (18) GE INFRA (7) KODAK NETWORKS (7) NOKIA (7) ABB (6) HP (6) TECHVOYANT (5) FIBERLINK (4) NOVELL (4) YOS (4) IBM (3) ORACLE (3) TYFONE (3) WEBMETHODS (3) AMX (2) HBSG (2) SIEMENS (2) XORA (2) ALGO (1) ARIBA (1) BEA (1) INTEL (1) MOTOROLA (1) RE-ADJINDS (1) ZIVA (1) WEB (1)	ABB (2) IBM (1) READWINDS (7) GE - HC (6) QSC (6) INTEL TECHNOLOGIES (6) SAP (4) 3MILES (4) AMX (3) KODIAK (3) REDBUS (3) UNISYS (3) HP (3) HUAWEI (3) MANGO TECHNO (3) YOS TECHNOLOGIES (3) MAGMA (2) WEB (2) OSQ (2) INTELEVATE (2) INDUS (2) ZIVA SOFTWARE (2) TLL (2) MERCEDES-BENZ RESEARCH AND DEVELOPMENT INDIA PRIVATE LIMITED (2) INFOSYS SET LABS (2) SIEMENS (2) ALCATEL (1) PERFIN (1) HBSG (1) AMAZON (1) VELANKANI (1) MAPUNITY (1) SABRE (1) SUN MICROSYSTEMS (1) NXP (1) TEXAS INSTRUMENTS (1) IKANGS (1) MOTOROLA (1) FIBERLINK (1) GTNEXUS (1) BUSINESS OBJECTS (1) BAILEY (1) INFNEON (1) NSN (1)	ADDEE (2) ALGO SYSTEMS (2) AMERICAN EXPRESS (2) ASL (2) AUTOMOTIVE INFORMATICS (1) BANK OF AMERICA (1) BGSB UNIVERSITY (1) BHARAT ELECTRONICS (3) CADEXCEL (1) CAPILLARY TECHNOLOGIES (1) CISCO (2) CSI (4) CSR (1) CSTER (6) DEVISOLARE (1) EZE SOLAR SYSTEMS PVT LTD (1) EMQ (1) FIBER LINK (1) GAVS TECHNOLOGIES (6) GE HEALTHCARE (2) GENERAL ELECTRIC (4) GLOBAL INC (2) GLOMANTRA (2) GRAPHIC ERA (1) GTNEXUS (1) HONEYWELL (1) HP (8) HPL (1) I-CREATE (1) IBM (4) IP HORIZONS (2) LATTICE BRIDGE (1) MARVELL INDIA (1) METRO (1) NATIONAL INSTRUMENTS (1) PLACED IN SINGAPORE (1) QSO (3) RADIX LEARNING (1) REAMETRIX (1) ST (1) SAP (2) SIEMENS CT (2) SOFTWARE AG (1) SONIC WALL (1) SYMANTEC (2) THOUGHTWORKS (2) TIR (1) TUTOR VISTA (1) TYFONE (2) VISION LABS (7) WEB (1)

Industry Partnership

IIIT-B exposes its students to the industrial outlook through a multitude of conferences, workshops and other events. During August 17th – 20th, 2008, IIIT-B hosted the 3rd IEEE International Conference on Global Software Engineering. The event was supported by major industry players namely Microsoft Research, IBM Research, Siemens and Wipro. It drew accomplished researchers and software practitioners from around the world and was a resounding success.

The first week of June 2009 witnessed a unique conference on the works of the eminent Indian Mathematicians–Srinivasa Ramanujan and Prof. K Venkatachaliengar. The conference (co-sponsored by the Indian Mathematical Society and IIIT-B), brought together leading researchers in elliptic functions, q-series, and partitions from India and throughout the world.

HackU by Yahoo India Research kept the campus alive (day and night) during December 4-6 2009.

The 3rd International Conference on Internet Multimedia Services Architecture and Applications (IMSAA-09) was jointly organized by IIIT-B and IEEE Bangalore Chapter between 9th-11th December 2009. Co-sponsored by leading MNCs in the sphere of telecommunication, this conference focuses mainly on significant issues in research and development concerning IP Multimedia Subsystems.

In conjunction with IIT Bombay and Infosys, IIIT-B has also submitted a bid to host the prestigious WWW (World Wide Web) Conference slated to be held in Asia in 2011. These conferences are held either in Asia, Europe or the Americas every three years.

IIIT-B also supports the National Entrepreneurship Network (NEN). As part of this network, IIIT hosted Startup Day on June 19th and 20th of 2008, where 10 startup companies participated in the recruitment process. The event, the first of its kind, evinced immense enthusiasm from the students and recruiters alike. IIIT-B students were also awarded the best Microsite development award at the Asian level by NEN.

Numerous workshops were conducted by industry majors this academic year:

- Nokia Corp. held an informative workshop on Mobile Application Development throwing light on the development of applications for smart phones
- A workshop by IBM Software Labs provided insight into latest and the hottest technologies in the field of IT, such as Service Oriented Architecture, Software as Service etc.
- Adobe Corp. conducted a workshop on WEB 2.0 technologies like Flex, Ajax and various Adobe Web development tools.

iiit-b has an active Student Chapter of IEEE. For two successive years, the IEEE student team at iiit-b won the “best student chapter website” award from IEEE.

Social & Cultural Activity

IIT-B organizes inter collegiate technical fest titled “Innofest”. Large number of students from prestigious institutions participate in the fest. Innofest includes events like online programming contest, LAN Games, web development, and paper presentations.

IIT-B understands its social responsibility and has its students working for it under the name AIKYAM. Our mission includes giving back to the underprivileged children of our society. Some of our activities include teaching spoken English, spreading computer awareness and organizing theater workshop for these children.

Along with Infosys, iit-b conducted a Special Training Program (STP) that helped nearly 100 students belonging to the underprivileged sections of the society. The experiment undertaken in 2007-08 is getting repeated at iit-b in 2008-09; Jaipur, Hyderabad and Bhubaneswar are other cities that are experimenting with STP.

Admissions

Typically iiit-b admits about 125-150 students every year into the flagship M.Tech. Program in IT. The minimum qualification for admission to any of the programs in the Institute is a first-class four-year bachelor's degree in engineering (i.e., B.E., B.Tech., or equivalent). M.Sc./MCA degree holders can also apply. Final-year students expecting to graduate by August 2010 may also apply.

For the Ph.D. program, applications from candidates holding Master's degrees in a technical discipline (i.e., an M.E., M.Tech., or equivalent) will be preferred, but candidates who possess just the minimum qualification but show great aptitude for research (e.g., as shown by research publications in international conferences or journals, or patent applications) may be considered.

Candidates who are perceived to lack sufficient research skills but show promise may sometimes also be advised to pursue the M.S. by Research first, prior to being accepted into the Ph.D. program.

Admissions are generally made to Indian citizens living in India. We are open to receiving applications from outstanding foreign applicants.

M.Tech. Admissions

Eligibility

Minimum Requirements

The minimum qualification for admission to any of the programs at iiit-b is a first-class four-year bachelor's degree in engineering (i.e. B.E., B.Tech., or equivalent). Holders of an M.Sc. degree with first class in any of the physical sciences, or an MCA degree with first class, can also apply. Final-year students expecting to graduate by August 2010 may also apply. Candidates must have passed with a first class or equivalent in 10th and 12th (or equivalent) as well.

Selection Procedure

Admission to the M.Tech. program is on the basis of prior academic performance (at the high school level and beyond), performance in the iiit-b's online admissions test and an admission interview. Applicants with good scores in the GATE examination and GRE examination may be eligible for waiver of Entrance Examination (see below).

Entrance Exam Waiver

Candidates with GATE Scores

Applicants having valid GATE scores from selected disciplines are welcome to apply for the M.Tech. program. Such applicants may qualify for waiver of the entrance examination. GATE scores from the following disciplines will be considered for this purpose:

- Aerospace Engineering ➤ ECE ➤ Mechanical Engineering ➤ Production and Industrial Engg
- Civil Engineering ➤ Electrical Engineering ➤ Mining Engineering ➤
- Computer Science and IT ➤ Instrumentation Engineering ➤ Metallurgical Engineering ➤
- Chemistry ➤ Mathematics ➤ Physics ➤

Candidates with GRE Scores

Applicants who meet the minimum requirements and have valid GRE General Test scores are welcome to apply for the M.Tech. program. Such applicants may also qualify for waiver of the entrance examination.

International Students

Foreign nationals (FNs) and non-resident Indians (NRIs) are welcome to apply for the M.Tech. program. Such applicants can obtain a waiver of the entrance examination with valid GRE and TOEFL scores. Only those students whose undergraduate education was in an Anglophone country (i.e. Australia, Canada, New Zealand, Singapore, UK, and the US) are exempt from TOEFL. FNs and NRIs who are short listed for the interview, can also seek waiver of the interview by submitting three letters of recommendation.

Working Professionals

Working professionals applying for the M.Tech. program must get leave for the duration of the M.Tech. program. Such applications have to be sent through the employer (or accompanied by a letter from a supervisor or other authorized representative of the employer stating that there is no objection to the applicant's joining iiit-b as a student). Working students will also need sponsorship from the employer, or obtain support from other sources to meet their costs, as scholarships and other financial support are not available to working students.

Important Dates

Online Applications	
Last date for receiving online applications with Application Fee	March 20, 2010
Offline Applications	
Last date for receiving completed offline application together with the payment	February 28, 2010
Exams & Interviews	
Notification of exam waiver for qualified applicants	March 26, 2010
Last date for sending payment for Entrance Exam fee	April 2, 2010
Exam Dates: Students are provided with two choices for taking the online admission test	Date 1: April 4, 2010 Date 2: April 11, 2010
Selection interviews at IIIT-B campus	May 5-7, 2010

MS by Research Admissions

Eligibility

M.S. applications received by April 1, 2010 will be processed after that date, for admission effective

August 2010.

Minimum Requirements

The minimum qualification for admission is a first-class four-year bachelor's degree in engineering (i.e. B.E., B.Tech., or equivalent). M.Sc./MCA degree holders can also apply. Final-year students expecting to graduate by August 2010 may also apply. We are open to receiving applications to the research programs (particularly for the Ph.D.) from outstanding international students.

Working Professionals

Working professionals may apply for the M.S. by Research program. Such applications have to be sent through the employer (or accompanied by a letter from a supervisor or other authorized representative of the employer stating that there is no objection to the applicant's joining iiit-b as a student). Working students will also need sponsorship from the employer, or obtain support from other sources to meet their costs, as scholarships and other financial support are not available to working students.

Selection Procedure

Admission to the M.S. by Research program is on the basis of submitted records of prior academic work and other scholarship showing aptitude for research, letters of recommendation, and a personal interview.

Ph.D. Admissions

iiit-b accepts applications for the Ph.D. program throughout the year. ***Ph.D. applications received by April 1, 2010 will be processed after that date, for admission effective August 2010.*** Visit our website for details.

How to apply

M.Tech. Applications

Online Application Procedure

Access the IIITB Online Application site (<http://iiitb.in>) and fill in the online application form.

- Step a) **Click on New User Registration** and enter your data in the online application form.
- Step b) Click on the '**I Agree**' button to accept the Terms and Conditions.
- Step c) Fill the details requested on the page displayed.
- Step d) Click on "**Save and Continue**" to choose a password and the hint questions that will be asked if you forget your password
- Step e) Now click on "**Save and Continue**" to register
- Step f) The screen will now display your **IIITB ID**
- Step g) After successful registration, you will get an email containing your IIITB ID and IIITB password. Use this IIITB ID for all future correspondence with the International Institute of Information Technology, Bangalore. Use this IIITB ID and IIITB password to login to the online application form.
- Step h) Click on the '**Click here to fill up educational details**' link that appears along with your IIITB 2010 ID and fill in Education details, & other details. Then proceed to make payment. The screen will now display the Make Payment options

Payment Instructions

- Step a) All candidates need to pay a non-refundable fee of **Rs.1000/-** if you apply through Normal mode. Candidates applying for IIITB Entrance Exam Waiver based on your GATE/GRE Scores need to pay only the Application Fee of **Rs. 250/-** only. There are two options for making the payment as explained below:

1. DEMAND DRAFT:

Get a demand draft from any Bank in favor of "International Institute of Information Technology" payable at Bangalore.

Choose the mode of Payment as DD in "Make Payment" Tab and click "Submit". Take a print of the Payment advice form , sign it.

Send the following to the Collection Center address given below:

- Signed payment advice form
- Demand Draft
- Print out of your Online Application Form (You can go to **Preview**, click on **view Application** to take a print out of it.)

Blueshift (IIITB Collection Center)

21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727

2. Cash at SBI Bank (Payment through challan)

You may choose to pay the exam fee through cash. Select the option of Payment through **SBI Bank branch** and take the print out of the SBI Pay-in-slip. This pay-in-slip consists of 3 parts – one for bank's record, one for your own record and the third for sending to IIITB for completing the registration process. You need to pay the cash at any SBI Bank branches in your city. On making the payment, the bank will return two parts of the pay-in-slip to you, one of which will be the receipt for you.

Send the following to the Collection Center address given below:

- Signed Pay-in-Slip (IIITB Copy)
- Print out of your Online Application Form (You can go to **Preview**, click on **view Application** to take a print out of it.)

Blueshift (IIITB Collection Center)

21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727

Step b) IITB will authenticate the payment details and will send you an email confirming the payment for IITB application form 2010. Candidates can also login to online application and visit the Application Summary to know the status of payment.

Applying for Entrance Exam Waiver

Candidates who wish to apply for Entrance Exam waiver can do so by entering the GATE or GRE scores in the application form. Such candidates have to pay only the Application Fee of Rs. 250/- at the time of registration. Notification of waiver of Entrance Exam will happen by **26th March 2010**.

Candidates who do not obtain waiver of Entrance Exam but wish to appear in the Entrance Exam may do so by paying the Entrance Exam fee of Rs. 750/- by **2nd April 2010**.

Offline Application Procedure

In case you are unable to apply using the online application procedure mentioned above, you may apply using the application form included at the end of this brochure. Completed application forms along with a demand draft for Rs. 1000/- drawn in favour of “International Institute of Information Technology” payable at Bangalore must be sent to IITB Collection Center given below:

Blueshift (IITB Collection Center)

21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727.

e-HALL TICKET

e-hall ticket is the admit card that is sent to all the candidates whose application forms (both online and offline) have been processed successfully. The e-hall tickets will be sent via e-mail at the address mentioned in the application form. Once the candidates receive the e-hall ticket, they should take two print outs of the e-hall ticket. Please take the print outs on A4 size paper only. Please ensure that all information on the e-hall ticket is clearly visible on the print out.

NO CANDIDATE WILL BE PERMITTED TO APPEAR FOR THE TEST WITHOUT A VALID HALL TICKET.

The e-hall ticket is an important document that must be preserved and produced at the time of the online admission test and also at the time of interview/admission.

ENTRANCE EXAM FEES

Those who initially paid only Rs. 250/- and applied for Entrance Exam waiver but did not obtain Entrance Exam waiver must pay the balance Rs. 750/- towards fees in order to appear in the Entrance Exam. Please note the following regarding the payment of the Entrance Exam fee:

- Exam fee of Rs. 750/- can be paid either using the Bank Challan or Demand Drafts
- Bank challan can be downloaded from the iit-b website and paid at any of the State Bank of India branches across India
- Demand Draft should be drawn in favour of "International Institute of Information Technology" payable at Bangalore
- Proof of payment of Entrance Exam Fee (either College Copy of the bank challan or the demand draft) must be brought to the examination center. Candidates will not be allowed to write the exam without furnishing proof of payment of Entrance Exam fee.

TEST CENTERS

The online admission test will be held at 12 centres across India as per the following schedule:

Test Dates
<u>April 4, 2010</u> Bangalore, Chennai, Delhi, Hyderabad, Mumbai
<u>April 11, 2010</u> Ahmedabad, Bangalore, Bhopal, Chandigarh, Chennai, Delhi, Hyderabad, Cochin, Kolkata, Lucknow, Mumbai, Pune

The institute will do its best to accommodate the requests for center allocation as per the given preferences but candidates may be allocated centers other than those indicated in the preferences in the application form.

Ph.D. Applications

Applications are accepted throughout the year. **Ph.D. applications received by April 1, 2010 will be processed after that date, for admission effective August 2010.** Submit the following with a covering letter giving a summary, to:

Registrar, IIIT-B, 26/C Electronics City, Hosur Road, Bangalore 560 100.

- *Transcripts or attested copies of prior academic work, and copies of any published papers.*
- *A statement of purpose of between 1000-2000 words, indicating research goals and prior research experience.*
- *A non-refundable application fee of Rs. 500, in the form of a demand draft payable to IIIT-Bangalore.*

In addition, arrange to have three letters of recommendation supporting the application sent directly to the Registrar (Such letters should be from former Professors, research supervisors, or other qualified people familiar with the applicant and able to describe and attest to his/her scholastic ability and aptitude for first-rate research.).

M.S. by Research Applications

Applications are accepted at the same time as the M.Tech. applications. **MS applications received by April 1, 2010 will be processed after that date, for admission effective August 2010.** Otherwise, follow the procedure outlined above for the Ph.D. applications, indicating that your interest is in the M.S. by Research rather than the Ph.D.

Address for Correspondence

The M.Tech. application form, proof of payment and other related documents must be sent to the IIITB Collection Center at the following address:

Blueshift (IIITB Collection Center)

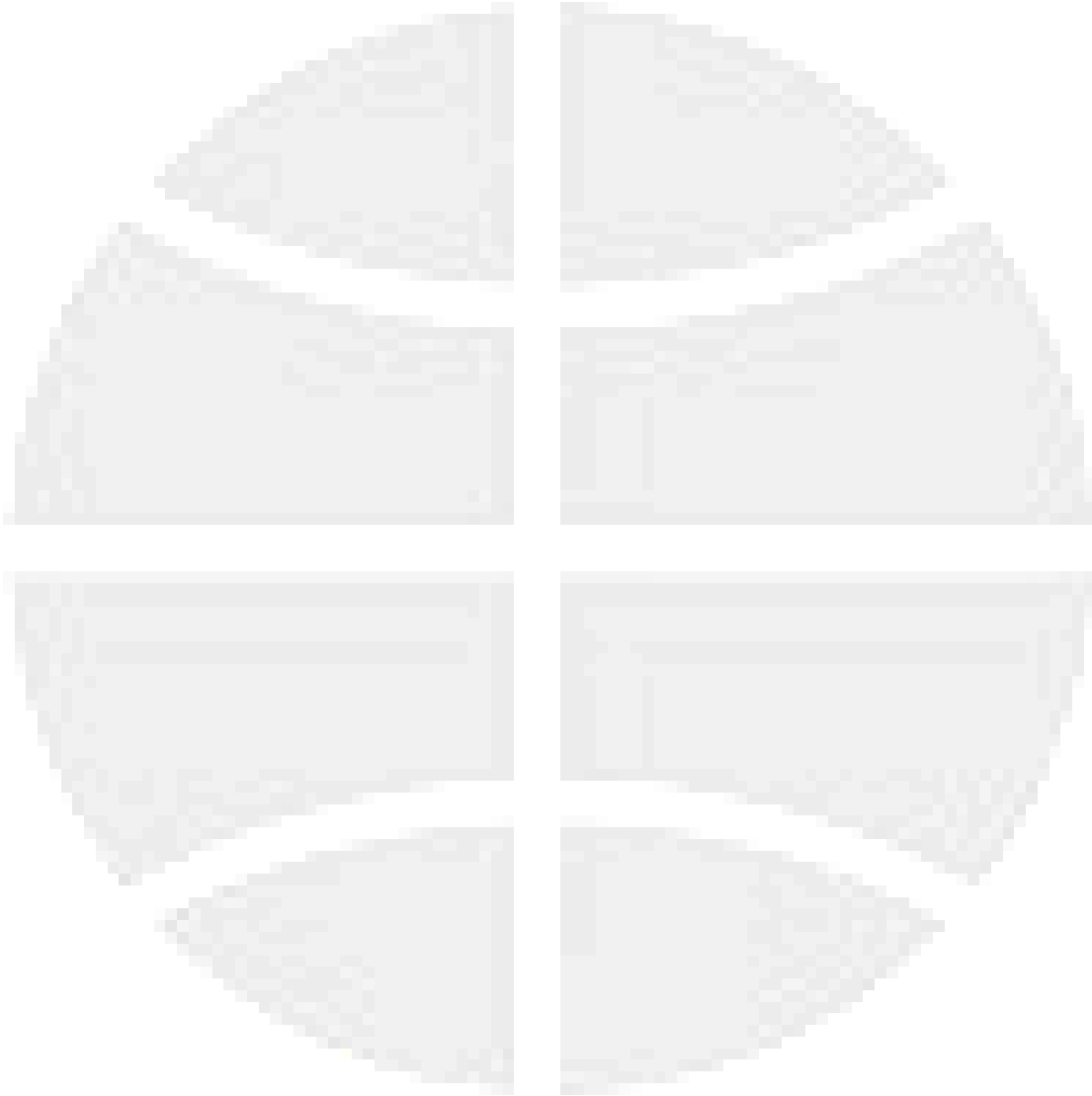
21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727.

All other correspondence should be sent to the following address:

Registrar

International Institute of Information Technology, 26/C Electronics City
Hosur Road

Bangalore 560 100
Tel. (080) 4140 7777 / 2852 7627
Fax:(080) 4140 7704 / 28527636
e-mail: admissions@iiitb.ac.in



Online Admission Test Guidelines

The salient features of the computer-based ONLINE admission test are:

- The candidate sits in front of the computer and the questions are presented on the monitor. The candidate submits his/her answers through the use of mouse. The computer is connected to the server, which delivers the test, in real time through a reliable connectivity.
- The online admission test assumes that the candidate has basic familiarity with the use of computers like use of keyboard and mouse operation. It is the responsibility of the candidate to acquire these skills before appearing in the test and the Institute cannot take responsibility for the same.
- In the rare and unlikely event of a technical failure during the test, the candidate may be required to attempt the test again.
- Candidate must visit the Institute's website <http://www.iiitb.ac.in> regularly to obtain latest news, information and updates on the online admission test.

M.Tech Application Form

You are strongly encouraged to apply only using the online application form.

If you are unable to apply using the online application process, then take a printout of the following application and send it by post as per instructions.

Master of Technology Program in Information Technology, 2010-2012

Application Number:
 (To be assigned by IIITB)
 (Write legibly in BLOCK letters)

1. **Name:**
 2. **Date of Birth:**
 3. **Sex:**
 4. **Father's Name:**
 5. **Complete Address for Communication:**
-
-
- City / Town: State: Pin code:
- Telephone Number (including STD code):
- E-Mail Address:

Staple TWO
 passport size
 photographs here

6. Educational Qualifications: (Start with highest qualification)

Degree	Branch	College	University	Year of Passing	Percentage / CGPA

Indicate the average percentage over all the four years of Engineering degree or up to the last term

7. GATE Details (Optional)	Year:	.....	Score:	.....
	Percentile Rank:	.....	Subject:	.....
8. GRE Details (Optional)	Year:	.....	Verbal Reasoning:	.....
	Quantitative Reasoning:	.....	Analytical Writing:	.....

9. Subject GRE Details (Optional)	Year:	Score:
	Percentile Rank:	Subject:
10. TOEFL Details (Optional)	Year:	Score:

FOR THE FOLLOWING, ATTACH SEPARATE SHEETS IF MORE SPACE IS NEEDED

11. **Industry Experience, if any (indicate designation, name of the company, number of years)**

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.....

12. **Computing Background**

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.....
.....
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13. **Special Achievements (Academic and extra-curricular)**

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iiit-b will do its best to accommodate the requests for center and date allocations as per the preferences chosen by the candidate but candidates may be allocated a date and a center other than that is indicated in the preferences below.

14. **Indicate preference of Entrance exam date and center for the Online Admission Test (Tick the preferred date and the center corresponding to that date)**

<input type="checkbox"/>	April 4 th 2010	<input type="checkbox"/> Bangalore	<input type="checkbox"/> Hyderabad
		<input type="checkbox"/> Chennai	<input type="checkbox"/> Mumbai
		<input type="checkbox"/> Delhi	

<input type="checkbox"/>	April 11 th 2010	<input type="checkbox"/> Ahmedabad	<input type="checkbox"/> Chennai	<input type="checkbox"/> Kolakata
		<input type="checkbox"/> Bangalore	<input type="checkbox"/> Cochin	<input type="checkbox"/> Lucknow
		<input type="checkbox"/> Bhopal	<input type="checkbox"/> Delhi	<input type="checkbox"/> Mumbai
		<input type="checkbox"/> Chandigarh	<input type="checkbox"/> Hyderabad	<input type="checkbox"/> Pune

15. **Payment Details**

Bank & Branch Name:		Challan / DD Number:		Amount:	
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Date:

Place:

Signature of the Candidate:

Post this application form to the following address:

Blueshift (IIITB Collection Center)

21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727

For queries, contact: Tel: +91-80-41407777, Fax: +91-80-41407704, E-Mail: admissions@iiitb.ac.in, Web:
<http://www.iiitb.ac.in>

Instructions

1. Provide your FULL NAME (First Name, Middle Name & Last name) as mentioned in academic certificates only; do not use any other form of the name, or provide incomplete name.
2. Please ensure a valid e-mail address is entered during initial registration. Ensure to use an account that works correctly, and which you check frequently.
3. Give any relevant information regarding performance in GATE or GRE exam. Such candidates will be automatically considered for waiver of Entrance Examination.
4. Enter industry experience (jobs, internships, etc.), computing background (programming expertise, systems and software known, etc.), and extra-curricular achievements, as appropriate.
5. Applicants can pay the Application Fee through a bank challan or through a demand draft.
6. Payment through Bank Challan may be done by downloading the Challan document and filling in the required details. Payments can be made at any branch of the State Bank of India.
7. Payment through Demand Draft (DD) can be made by procuring a DD favoring "International Institute of Information Technology" payable at Bangalore.
8. Please note down the details of fee paid (either DD number or Challan number as given by the bank), as this information is required to be entered, BEFORE finally sending in the application form.
9. The filled-in application form along with the proof of payment (either DD or copy of the Challan), and two recent passport-sized photographs, are to be sent with a printout of the online application form, to the following address:

Blueshift (IIITB Collection Center)
21 Abdul Razack street,
Saidapet Chennai – 600 015 Tamilnadu, India
Phone: 044 – 42272727

10. Note that the application form should REACH before the applicable deadline. You are advised to use reliable courier services, or registered/speed post, to ensure delivery of the DD, as IIIT-b will not accept any delay or loss arising out of unreliable delivery services.
11. An e-Hall Ticket would be emailed to the e-mail address provided in the Application Form. Make sure valid e-mail address is provided in the form
12. Please add the email address (of the email which contains the e-hall ticket), to your contacts. This would ensure that the e-mail is not incorrectly flagged as spam, or deleted by you.

Terms and Conditions

1. All information in the form should be filled-in correctly. Any incorrect information is grounds for rejection of the application, or cancellation of admission if made.
2. Duplicate applications, and applications made online as well as offline (using the printed form given in the brochure) are liable to be rejected. Only one application can be made, in the manner judged most suitable by the candidate.
3. Any application from a candidate who does not meet the minimum qualification requirements for admission to the M.Tech. program at IIIT-b is considered invalid and is liable to be rejected at any stage.
4. No revision to a submitted form is possible, and no request for the same will be entertained under any circumstances. Do not submit the form until you are certain that it has been filled correctly.
5. A form is considered valid only if submission is made, and the application fee received by IIIT-b, by the applicable deadlines. Partial forms saved but not submitted, and applications for which the application fee is not received in time, will be rejected outright.
6. No refund of application fee will be made by IIIT-b in case of rejected or withdrawn applications.
7. IIIT-b is not responsible for any non-receipt of the e-hall ticket due to incorrect e-mail address being entered by the applicant, or due to any technical problems with receipt of e-mail.
8. IIIT-b will do its best to honor first-preference choices regarding exam center and date as per the preferences indicated in the application, but it may be forced to make other choices in rare instances.
9. An offer of admission by IIIT-b is valid for the semester it is made. Requests for deferment will not be entertained.
10. Acceptance of these Terms and Conditions implies that the applicant understands and accepts the process of admission to the M.Tech. program at IIIT-b.



**CASH VOUCHER
(APPLICANT COPY)**



STATE BANK OF INDIA
Application Fee Details

**International Institute of Information Technology,
Bangalore
FEE COLLECTION ACCOUNT**

Application No :
Applicant's Name & Contact No :

Account No 30611310675 Fee Code - A
SBI Hosur Road Branch, Bangalore. (code 10514)

Application Fee: Rs. 250/- (Rupees Two hundred and fifty only)

SBI Branch Name:

Branch Code No:

Journal No (compulsory) :
(For Bank use only)
(7 to 10 digits):

Deposit Date :

Candidate's Signature Authorized Signatory

Collection Charge – Rs.50/- extra to be paid by applicant along with application fee.
Fee receiving branch is requested to enter the Application Number in the field **ID/Ref no.** and also note the Deposit **journal No.** and **branch code no.** above invariably.



**CASH VOUCHER
(BANK COPY)**



STATE BANK OF INDIA
Application Fee Details

**International Institute of Information Technology,
Bangalore.
FEE COLLECTION ACCOUNT**

Application No :
Applicant's Name & Contact No :

Account No 30611310675 Fee Code - A
SBI Hosur Road Branch, Bangalore. (code 10514)

Application Fee: Rs. 250/- (Rupees Two hundred and fifty only)

SBI Branch Name:

Branch Code No:

Journal No (compulsory) :
(For Bank use only)
(7 to 10 digits):

Deposit Date :

Candidate's Signature Authorized Signatory

Collection Charge – Rs.50/- extra to be paid by applicant along with application fee.
Fee receiving branch is requested to enter the Application Number in the field **ID/Ref no.** and also note the Deposit **journal No.** and **branch code no.** above invariably.



**CASH VOUCHER
(COLLEGE COPY)**



STATE BANK OF INDIA
Application Fee Details

**International Institute of Information Technology,
Bangalore.
FEE COLLECTION ACCOUNT**

Application No :
Applicant's Name & Contact No :

Account No 30611310675 Fee Code - A
SBI Hosur Road Branch, Bangalore. (code 10514)

Application Fee: Rs. 250/- (Rupees Two hundred and fifty only)

SBI Branch Name:

Branch Code No:

Journal No (compulsory) :
(For Bank use only)
(7 to 10 digits):

Deposit Date :

Candidate's Signature Authorized Signatory

Collection Charge – Rs.50/- extra to be paid by applicant along with application fee.
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