



International Institute of Information
Technology
Bangalore
(A Deemed University)



Last Updated: 31st May, 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 programs 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.

A limited number of hostel rooms are available to students of the PGDSD program on a "first come, first served basis". Other students will have to make their own arrangement for stay at Bangalore to attend the full-time program.

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.

PGDSD Program

The PGDSD Program of IIT-B is envisaged to enable students to develop strong employability skills and actionable competencies in the area of software development. This program is conducted as a full-time on campus. It is a 12-month program that involves 4 quarters, each 11 weeks in duration. The program will enable learners to acquire competencies in specific programming languages, platforms and technologies.

Course Structure

Duration: 4 Quarters

Quarter	Course #	Course Title	Lec	Lab	Units
Quarter I	PGDSD 311	Algorithms, Data Structures and Problem Solving	6	4	4
Quarter I	PGDSD 321	Database Systems Concepts	4	2	2
Quarter I	PGDSD 331	Web Programming	6	3	4
Quarter II	PGDSD 312	Object Oriented Concepts and Programming	6	4	4
Quarter II	PGDSD 322	Object Oriented Analysis & Design	6	0	3
Quarter II	PGDSD 313	Software Testing	4	4	3
Quarter III	PGDSD 332	Enterprise Application Development	6	4	4
Quarter III	PGDSD 323	Designing User Interfaces	4	4	3
Quarter III	PGDSD 333	Project I: Developing SRS & Design Documents	0	0	2
Quarter IV	PGDSE 314	Project II: Design Refinement, Programming & Testing	0	0	10

Course Descriptions

PGDSD 311 Algorithms, Data Structures and Problem Solving

Procedural programming, Algorithm development through stepwise refinement; Structures for procedural programming; Iterative structures and problem solving; Recursion; Data structures such as arrays, sets, stacks, lists, queues, trees, and graphs; Searching & sorting algorithms; List and tree traversal algorithms; Problem solving laboratory work that requires programming in C and the procedural aspects of Java.

PGDSD321 Database Systems Concepts

Need for databases; Role, importance and uses of databases in applications development; Models of databases; Relational databases; Basic principles and theory underlying relational databases; E-R modeling;

Elements of a E-R diagram; Moving from E-R diagram to relational tables; Need for normalization of database tables; Normal forms; Basics of SQL; Using SQL in applications; Elements of Join; Using relational tables in applications development.

PGDSD331 Web Programming

Introduction to web programming; HTML, HTML forms & tables; Elements of HTML authoring - frames, style sheets and scripting languages; JavaScript and working with JavaScript objects; Interactive forms, cookies and security; client side and custom scripts; JavaScript and Applets; JSP; XML. Client side programming; Server side programming; special topics involving recent advances in web programming languages, systems, and methodologies; emerging standards; best practices; using Open Source tools. Programming assignments and mini-projects that involve using appropriate web programming tools and applications.

PGDSD 312 Object Oriented Concepts & Programming

Object oriented programming paradigm; Pillars of object orientation - abstraction, encapsulation & information hiding, modularity, hierarchy; Typing, persistence, message passing; Responsibility driven design; Classes, objects, methods; Identifying classes, responsibilities and collaborators; Problem solving laboratory work that requires programming in Java using the Java API; Design and implementation of GUIs; Event driven programming; Exception handling; Using files and object serialization; Testing object oriented programs.

PGDSD 322 Object Oriented Analysis & Design

Elements of OOA and OOD; Role of UML and Patterns in OOAD; Inception; Requirements Analysis; Use Case Modeling; Moving from Inception to Elaboration; System Sequence Diagrams; Domain Model & Visualizing; Adding Associations and Attributes; Use Case Modeling and Operation Contracts; Moving from Requirements to Design; Interaction diagram; Collaboration diagram; GRASP; Design Model - visibility, class diagrams; Object design; Behavior Modeling - state chart diagrams; UML notation and modeling exercises through several case studies.

PGDSD 313 Software Testing

Purpose of software testing; testing versus debugging; A model for testing; Oracles; Taxonomy of bugs; Black box testing; White box testing; Flow graphs and path testing; Transaction-flow testing; data-flow testing; Domain testing; Metrics and complexity; Syntax testing; Logic-based testing; States, graphs and transition testing; Stress testing; Regression testing; Testing strategies; Test configuration control; Testing tools.

PGDSD 332 Enterprise Application Development

Challenges of enterprise application development; Integration with existing systems; Productivity, maintenance and security issues; Software platforms for enterprise application development; Overview of the J2EE and .NET platforms; Application scenarios - multi-tier applications, standalone client applications, web-centric applications, business to business applications; Emerging enterprise application architectures; Component

technologies; platform services; service technologies; communication technologies; design issues, guidelines and best practices; Web tier; Packaging & deployment; Transaction management; Security concerns; Case studies. Laboratory exercises and assignments will be based on either the J2EE or the .NET platforms.

PGDSD 323 Designing User Interfaces

Importance of user interface design; Evolution of human computer interaction studies; Introduction to graphical user interfaces (GUI); Characteristics of graphical and web user interfaces; Interaction styles; Direct manipulation and GUI; Principles of user interface design; The user interface design process; Problems and measures of usability; Human characteristics and user interface design; Design standards and style guidelines; Human considerations in screen design; Designing menus and navigation schemes; Designing windows in GUIs; Designing screen based controls; Designing text and messages; Feedback & guidance; Effective accessibility and internationalization; Guidelines for color design; Usability testing.

PGDSD 333 Project I: Developing SRS & Design Documents

This is a project course that is dovetailed to work with PGDSD 314 Project II: Design Refinement, Programming & Testing. Each student will select a software development project to work on in the fourth quarter. In this course, the student would be required to do independent study on requirements engineering techniques and consolidate understanding of software design. The course will culminate with the student submitting a final report that consists of the Software Requirements Specification (SRS) and the Design Document for the project.

PGDSD 314 Project II: Design Refinement, Programming & Testing

This is a project course dovetailed to work with PGDSD 333 Project I: Developing SRS & Design Documents in the third quarter. Based on the SRS and design documents, each student will proceed to work on refining the design, programming and testing phases. This project work is designed to draw upon the concepts, techniques and methods learnt by the student in various courses, and apply them as appropriate. The course will culminate in a final report that embodies the documentation of the various phases of the project.

Tuition Fee

The tuition fee for the PGDSD program is **Rs.96,000** (Rupees Ninety Six Thousand) for the full program. This fee is payable in full to the institute before the start of the program.

This fee **does not** include other expenses such as accommodation expenses, food expenses, laptop expenses, expenses related to books, etc. Applicants are advised that these other costs might sum up to an additional Rs.1,00,000 (Rupees One Lakh) for the year of study. This is an estimate only –actual amounts may vary from one student to another. These other expenses will be borne by and paid directly by the student to various service providers.

Financial Aid

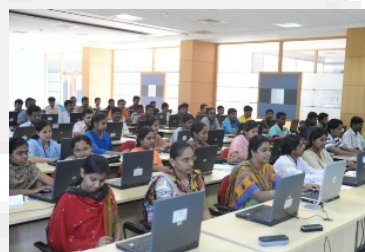
All students of the program are eligible to receive a bank loan of up to Rs.2,00,000/- (Rupees Two Lakhs) to cover their costs incurred during to the year of study.

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 and e-learning management. Aspects of software engineering are also studied in this lab. Specific areas include model-driven development and software testing.

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) SAP LABS (7) IBM (6) NOVELL (5) BANGALORE LABS (9) SAP LABS (7) IBM (6) NOVELL (5) COGNIZANT (3) HUAWAI (3) AALVANCE (4) ALPHA NETWORKS (4) BACKEND (4) CUSTOMER ASSET (4) IT SOLUTIONS (4) MINDTREE (3) IFLEX (3) DSO (3) ACCENTURE (2) CARTRON (2) GNS (2) RIVERSTONE (2) RAMCO (2) ROBERT BOSCH (2) BIRLA SOFT (1) COMPAQ (1) ECHO LABS (1) GE CONSUMER (1) IGATE (1) INDIA INFOCAN (1) MOTOROLA (1) ORACLE (1) PA CONSULTING (1) SAIL (1) SAP (1) SASKEN (1) TCS (1) US (1) BLUEFONT (1) GAVS (1) LUCENT (1) PGG (1) SAS (1) SUN MICROSYSTEMS (1)	GE (28) CELLNEX (18) GAVS IN (11) SAP LABS (11) SIS (6) DAMLER CHRISLER (4) HP (4) IFLEX (3) COGNIZANT (3) HUAWAI (3) VISUAL SOFT (3) CORTI (2) THOUGHTWORKS (2) ALPHA NETWORKS (2) CUSTOMER ASSET (2) ANTARIX (2) MANIHAR (2) GAS (1) IBM (1) INFOSYS (1) LCSI (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 (5) INFOSYS (5) DIGITAL (5) OCTI (4) DELPHI (4) GAVS (4) GE GIS (4) SAP (4) SAP LABS (4) CELLNEX (3) FLEX (3) WIPRO (3) ZENBAR (3) IBM (1) INFOSYS (1) LCSI (1) NOVELL (1) SAP ICG (1) SYMPHONY (1) VERISIGN (1) COCA-COLA (1) HONEYWELL (1) RAMCO (1) SAIL (1) SHIPARA (1)	COVANSYS (9) IBM (8) SAP LABS (7) HUAWAI (4) 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) DELMIA (1) GXS ITC (1) PROTEANS (1) IFLEX (1) KODAK NETWORKS (1) INFORMATION (1) RAPIDGM (1) TAVANT (1) TECHSPAN (1)a	SAP LABS (20) GE HEALTHCARE (13) INTEL (12) GE (11) EMC (8) SIEMENS (8) GE GIS (7) CCOR SOLUTIONS (4) FIBERLINK (4) HP (3) MOTOROLA (3) ALGO (1) CADENCE (1) GE TRANS (1) HUAWAI (1) MUSCASP SOFTTECH (1) NOVELL (1) SMT MULTICONNECT (1) SYMANTEC (1) VISUAL SOFT (1) YAHOO (1)	GE (16) GE (13) HP (12) SIEMENS (9) EMC (8) GAVS (6) COVANSYS (7) FIBERLINK (6) SAP LABS (6) CISCO (5) SAP (4) ALGO (2) INTEL (2) INFORMATION (2) ZIVA (2) ABB (1) BEC EBM (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) NOKIA (7) ABB (6) HP (6) TECHVOYANT (5) FIBERLINK (4) KODIAK (3) NOVELL (4) YOS (4) IBM (3) ORACLE (3) TYFONE (3) WEBMETHODS (3) AMX (2) HSBC (2) SIEMENS (2) XORA (2) ALGO (1) ARBA (1) BEA (1) INTEL (1) MOTOROLA (1) RESEARCH AND DEVELOPMENT INDIA (1) ZIVA (1) WEB (1)	ABB (12) IBM (11) READMINDS (7) GE - HC (6) CSC (6) INTEL TECHNOLOGIES (5) SAP (4) 3MILES (4) AMEX (3) KODIAK (3) REDBUS (3) UNISYS (3) HP (3) HUAWAI (3) MANGO TECHNO (3) YOS TECHNOLOGIES (3) MAGMA (2) OSQ (2) INTELLEWATE (2) INDUS (2) ZIVA SOFTWARE (2) TLL (2) MERCEDES-BENZ RESEARCH AND DEVELOPMENT INDIA (1) PRIVATE LIMITED (2) INFOSYS SET LABS (2) SIEMENS (2) ALCATEL (1) PERFINT (1) HSBC (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) INFINEON (1) NSN (1)	ADOC (2) ALGO SYSTEMS (2) AMERICAN EXPRESS (2) ASL (2) AUTOMOTIVE/FOTONICS (1) BANK OF AMERICA (1) BGSB UNIVERSITY (1) BHARAT ELECTRONICS (3) CADEX (1) CAPILLARY TECHNOLOGIES (1) CISCO (2) CSG (4) CSR (1) CSTER (6) DEV/SQUARE (1) EZE SOLAR SYSTEMS PVT LTD (1) EMC (1) FIBER LINK (1) GAVS TECHNOLOGIES (6) GE HEALTHCARE (2) GENERAL ELECTRO (4) GLOBALS INC (2) GLOMANTRA (2) GRAPHIC ERA (1) GT NEXUS (1) HONEYWELL (1) HP (8) HPCL (1) ICREATE (1) IBM (4) IP HORIZONS (2) LATTICEBRIDGE (1) MARVELL INDIA (1) METALUME (1) NATIONAL INSTRUMENTS (1) PLACED IN SINGAPORE (1) OSQ (3) RADIX LEARNING (1) REAMETRIX (1) S7 (1) SAP (2) SIEMENS CT (2) SOFTWARE AG (1) SONIC WALL (1) SYMANTEC (2) THOUGHTWORKS (2) TIFR (1) TUTOR VISTA (1) TYFONE (2) VISION LABS (7) WEB (8 (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

IIIT-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.

IIIT-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, IIIT-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 IIIT-B in 2008-09; Jaipur, Hyderabad and Bhubaneshwar are other cities that are experimenting with STP.

Admissions

Typically IIT-B admits about 100 students to each batch of the PGDSD program.

Eligibility for Admission

Degrees	Applicants should have completed one of the following degrees: <ul style="list-style-type: none"> ➤ B.E. / B.Tech. (any branch) ➤ M.C.A. ➤ M.Sc. (Maths, Physics or Chemistry) ➤ B.C.A. ➤ B.Sc. (Computer Science)
Year of Graduation from Degree	<ul style="list-style-type: none"> ➤ 2010 graduates ➤ 2009 graduates ➤ 2008 graduates
Performance Requirement	Applicants should meet all of the following criteria: <ul style="list-style-type: none"> ➤ Aggregate of 60% or more in 10th and 12th grade exams ➤ Aggregate of 60% or more in Bachelors programs ➤ If an applicant has done a Masters program, he/she should have an aggregate of 60% or more in that as well.

Selection Procedure

Admission to the PGDSD program is on the basis of:

- Prior academic performance (10th grade, 12th grade, Bachelors and Masters degree)
- Performance in one of the standard tests listed below:
 - GATE exam
 - GRE exam
 - NAC-TECH exam
 - IIT-B's Entrance test for M.Tech.
- In case an applicant has not taken any of the standard tests listed above, the applicant will be evaluated on the basis of an interview.

Important Dates

Admission into the PGDSD program for the August 2010 batch will be done over four rounds. Students may apply to any one (and only one) of the rounds. Given the large number of applications and the limited number of seats available, students are advised to apply as early as possible.

Application periods	Last date for Application	Notification of Offer to selected students	Deadline for Offer Acceptance
Round 1	April 30, 2010	May 3, 2010	May 28, 2010
Round 2	May 28, 2010	May 31, 2010	June 25, 2010
Round 3	June 25, 2010	June 28, 2010	July 23, 2010
Round 4 (Applicable only if seats are available)	July 23, 2010	Within one week of their application date	August 9, 2010

Some of the other important dates for the program are:

Registration	August 9, 2010
Orientation	August 9, 2010
First day of Classes	August 10, 2010
Late Registration (for waiting list students, if any)	August 14, 2010

Terms and Conditions

Please note the following terms and conditions relating to the application:

- Each "round" in the admission calendar represents a distinct period in which you may apply, not a succession of steps for your application. You may apply in one round only, one time in an application year.
- Applicants are responsible for ensuring that their application is complete.
- The Admissions office will not consider any additional materials or changes once an application has been submitted.
- The completed application becomes the confidential property of IIT-Bangalore and is not returnable.
- Applicants are responsible for ensuring that all the information and accompanying material provided in connection with their application is authentic and accurate.
- IIT-Bangalore may at any time require applicants to provide satisfactory verification of the information and documents submitted as part of their application. If an applicant is unable to do so, the School reserves

the right to cease consideration of the application, to withdraw any offer of admission already made, and/or to terminate one's status as a student.

- Applicants shall assume all costs for authenticating and verifying documents and information associated with their application.
- All applicants re-applying (those who have submitted an application 2009) are required to submit a complete application.
- Once an application is submitted, the Admissions Committee reserves the right to request additional information from the applicant, including, but not limited to, an interview.
- All applicants who have been invited for an interview must fulfill the request in order to complete the application process.
- Due to the large volume of applications we receive, we will not be able to provide any feedback to applicants on why they were not selected.
- Given past experience, we anticipate that many candidates will submit their online application very close to 5 p.m. on submission deadline dates. To avoid heavy server traffic and potential delays, we encourage candidates to submit application materials as early as possible.
- Regretfully, requests for decisions earlier than the notification dates listed above cannot be accommodated under any circumstances.
- To avoid overwhelming server traffic generated by the high volume of applications we receive, candidates are encouraged to submit their application as early as possible prior to the deadline of each round.
- Given the limited number of seats, we encourage applicants to apply in Round-1 or Round-2. Admission in Round-3 and Round-4 is subject to availability of seats.

Application Process

<p>Step 1:</p>	<p>Understand the process: Review all the information provided in the IIT-B website</p>
<p>Step 2:</p>	<p>Submit an Application: The Application can be submitted in the following ways:</p> <ul style="list-style-type: none"> ➤ Online Application form: An applicant may fill up the Online Application form. On submission of the online application, you will receive an email stating your Application ID. Applicants can then send their Letter of Application and Proof of Application fee payment (either as a DD or SBI payment challan or a reference to your M.Tech. Application Id) by courier. ➤ Print Application form: The print version of the application form is available on the website. An applicant may download and print this, fill it up and send the application form along with the Letter of Application and the Proof of Application fee payment (either as a DD or SBI payment challan or a reference to your M.Tech. Application Id) by courier.

	<p>Send the following documents to the IIIT-B address given below:</p> <ul style="list-style-type: none"> ➤ Letter of Application (downloadable from the IIIT-B website. This needs to be filled up irrespective of whether you are applying online or by print version.) ➤ (Either) Demand Draft (OR) Signed Pay-in-Slip (IIITB Copy) (OR) State your M.Tech. Application Id in the Letter of Application ➤ (Either) Printed copy of your Application Form (OR) State your PGDSD Application Id in the Letter of Application <p>Address to which the Application form and Proof of fee payment need to be sent:</p> <p>Program Coordinator (PGDSD) International Institute of Information Technology 26 C, Hosur Road, Electronics City – 560 100 Bangalore, India Phone: 080-4095-0614, 080 – 4140-7777</p> <p>Please note:</p> <ul style="list-style-type: none"> • Letter of Application and Proof of payment of Application Fee (either IIITB Copy of the bank challan or the Demand draft or a reference to the M.Tech. Application Id) must be sent to IIIT-B. An application will not be considered complete until proof of application fee is received by us. • Applicants who have filled the online application form DO NOT HAVE TO submit a copy of the physical application form. Instead, you need to fill up the Letter of Application clearly stating your Name and Application ID.
<p>Step 3:</p>	<p>Evaluation of Applications:</p> <p>The Admissions team will review the applications and will shortlist the set of applicants who will receive an offer. In some cases, the applicants may need to participate in an interview as part of the admission process. Interviews for students will be conducted over the phone.</p>
<p>Step 4:</p>	<p>Offer of Admission to Selected Students:</p> <p>The admission offer will be sent to selected applicants as per the schedule indicated under “Important Dates”.</p>
<p>Step 5:</p>	<p>Acceptance of Admission Offer and Payment of Fees:</p> <p>Students will need to send back the Offer Acceptance letter (duly signed) and a Demand draft for the fee payment within about three weeks of receiving the offer letter. The deadline applicable for each round of admissions will be mentioned in the offer letter.</p>

Application Fee and Payment Instructions:

An application fee of Rs.250 per student will be charged for each applicant. Applicants who have applied to the IIIT-B M.Tech. program (for the batch of 2010-12) will be eligible for a waiver of the application fee for the PGDSD program.

There are three options for making the Application fee payment as explained below:

Option-1	<p>Demand Draft: Get a demand draft from any Bank in favor of "International Institute of Information Technology" payable at Bangalore.</p>
Option-2	<p>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.</p>
Option-3	<p>Payment of the Application fee for IIIT-B M.Tech. program If you have already paid the IIIT-B M.Tech. application fee, your PGDSD application fee is waived.</p>