# Table of Contents

Our Mission and Vision .................................................. 2

1. Overview ............................................................... 2

2. Education ............................................................... 12
   2.1 Current Academic Programs .................................. 12
   2.2 Student Intake and Total Student Strength ............... 12
   2.3 Students Graduated .............................................. 12
   2.4 Courses Taught .................................................. 12

3. Research and Development ......................................... 14
   3.1 Technologies Developed/ Deployed ......................... 15
   3.2 Patents ........................................................... 16
   3.3 Sponsored/Consultancy Projects/Other Grants ........... 16
   3.4 Research Publications ........................................ 18

4. Outreach and Professional Service ............................... 26
   4.1 Conferences/ Short Courses / Workshops Organized ...... 26
   4.2 Participation of Faculty in National & International Conferences .... 27
   4.3 Other Visits by Faculty ....................................... 28
   4.4 Distinguished Visitors and Invited Seminars ............... 29
   4.5 Professional Service .......................................... 30

5. Placement and Internships ......................................... 34
   5.1 Placements ........................................................ 34
   5.2 Internships by IIIT-D Students ............................. 36
   5.3 Internships to other students in IIIT-Delhi ............... 36

6. Awards and Recognition ........................................... 37
   6.1 Faculty ........................................................... 37
   6.2 Students ........................................................ 37

7. Sports ........................................................................ 39

8. Administration and People .......................................... 39
   8.1 General Council .................................................. 39
   8.2 Board of Governors .............................................. 39
   8.3 Senate .................................................................. 40
   8.4 Faculty Members ................................................ 40
   8.5 Staff Members .................................................... 47

9. Infrastructure and Facilities ........................................ 48
   9.1 Campus Facilities ............................................... 48
   9.2 Computer Laboratory Facilities ......................... 50
   9.3 Library Facilities ............................................... 51

10. Financials ............................................................. 52
   10.1 Highlights ........................................................ 52
       Auditor’s Report ................................................... 53
Our Mission and Vision

- Our mission is to become a globally respected academic Institution in IT and allied areas by offering highly innovative undergraduate, postgraduate and doctoral engineering programs to produce engineers of outstanding ability who can become innovators and new product creators.

- To establish strong research groups in Security, Biometrics, Mobile and Ubiquitous Computing, Information Management and Analytics, Telecommunications, Scalable Computing, Electronics Systems, Computational Biology, etc.

- To undertake cutting edge research programs that establish a strong link between academia and industry.

- To encourage innovation and entrepreneurship in specified domain areas of IT. Towards this end, the institute plans to organize itself as a conglomerate of R&D Centres, some of which would be in partnership with different companies and global organizations.

1 Overview

Indraprastha Institute of Information Technology, Delhi (aka. IIIT-Delhi or IIIT-D) was created on 10th June, 2008 as a State University by an act of Delhi Government (The IIIT Delhi Act, 2007) empowering it to do research and development and grant degrees.

First class for B.Tech. (CSE) was held on 8th September, 2008 when the Institute began functioning from its transit Campus in NSIT Dwarka with its pioneer batch of 60 students. Since then, it has come a long way with over 35 faculty members specializing in diverse areas of Computer Science and Electronics & Communications Engineering, and nearly 800 students in 4 batches of B.Tech., 2 batches of M.Tech. and 4 batches of Ph.D. All the faculty members are Ph.D. from top Institutes in the world, with about two-thirds of them having Ph.D. from the US or Europe.

The Institute already has one of the strongest Ph.D. programs in Computer Science in the country. Its faculty members and Ph.D. students have won various awards, including Best Paper and Poster awards in national and international conferences. It currently has strong research groups in the following areas:

- Image Analysis & Biometrics
- Emerging Architecture and System Design
- Information Management & Data Analytics
- Security & Privacy
- Mobile Computing & Sensor Networks
- Software Engineering
- Theory

In a relatively short time, the Institute has earned itself a good reputation in India and abroad for being a centre of quality education and research in IT and allied areas.
Campus
The Institute moved in to its main campus at Okhla in August 2012. The phase-I of the construction of the IIIT-D’s permanent campus is complete, with 30,000 sq m of building space for its functioning, including a Faculty and Research block for 50 faculty members and eight research centres; three big lecture halls with a total capacity of 500, two more which can accommodate a total of 120 students and five smaller ones with an overall capacity of 150; a recreation centre, a boys’ hostel and a girls’ hostel along with playing areas; and a Service block.

The Institute’s Map

The Academic Block of the Institute houses Faculty offices, Director’s Room, Board Room, Conference Room, Faculty Lounge and offices for administrative staff. The Faculty and Research wing is also accommodating Ph.D. rooms and M.Tech. labs. Besides, there are seating areas to foster discussions and for sharing of thoughts.

The IIIT-D’s campus also houses a Library and Information Centre, which has a common study area for students on the ground floor, a state of the art RFID-enabled library on the first floor and several labs on the upper floors.
The Dining and Recreation centre, which is just close to the boys’ and girls’ hostel, contains a students’ mess, which is spread over two floors, a cafeteria and facilities for extra co-curricular activities, such as music room and gymnasium.

Formal Inauguration of the institute’s Campus

Though the IIIT Delhi moved in to its permanent campus at Okhla in August 2012, its formal inauguration was held on 29th October, 2012 in the presence of Smt. Sheila Dikshit, Hon’ble Chief Minister of Delhi; Shri P.K. Tripathi, Chief Secretary of Delhi; and Shri Kiran Karnik, Chairperson, Board of Governors, IIIT Delhi.

During her address, the Chief Minister affirmed the Delhi Government’s commitment to the development of our institute, emphasising that there would not be any dearth of funds in this regard.
Infrastructure

FMS and Security System: The IIIT-D has rolled out efficient FMS and security system in the campus, which is fitted with state of the art CCTV Camera surveillance to enhance and monitor security. In total Nine Pan-Tilt-Zoom (PTZ) external cameras are placed at strategic locations and 64 Fixed Dome internal cameras have been installed. The system has become fully operational with 24X7 monitoring from a centralized location provided with large LED screens and Digital Video Recording system. The deployment of CCTV surveillance has considerably reduced the cost on physical security and also reduced the intrusion by unwanted elements into the campus. It has also assisted in the investigation of theft cases.

Smart Energy Management System: With energy conservation at its core, smart electricity meters have been installed at the buildings in the campus under an ambitious project to study the power consumption pattern so that attention can be paid to saving electricity and utilising it in a proper manner. Under this project, comparison can be made between the power consumption by different blocks within a single building, and electricity bills showing item-wise consumption can also be produced.

Internet

IIIT-D has truly world class, campus-wide state of the art information technology tools that are designed to meet the computing and communication needs of the Institute, which has a fast, reliable and rugged computer network of more than 400 Nodes. The Institute has more than 100 laptops issued to its faculty, staff and students. To provide printing and other facilities, the Institute has 91 printers and scanners. In order to facilitate proper teaching aid, all classrooms are equipped with projectors and audio systems. All the hostels, faculty blocks, the administrative block and classrooms are connected through redundant 10-gigabit fibre backbone. Apart from these, all the blocks are connected through layer 2 & 3 switches to provide 1 gbps connectivity at the user end. Every hostel room has a dedicated LAN connection on the Institute’s network to provide round the clock access to resources on the net. Wireless network with 82 access points is also enabled in the faculty block, Library, classrooms and hostel blocks.

Current Degree Programs

IIIT Delhi currently has the following programs in Computer Science & Engineering (CSE) and Electronics & Communications Engineering (ECE):

- **B.Tech. in CSE and ECE** – It prepares students to undertake careers involving innovation and problem solving using Information Technology, and helps them undertake advanced studies for research careers in Information Technology and allied areas.

- **M.Tech. in CSE and ECE** - This program is aimed at providing specialized skills for top positions in industry and also prepares students for a career in research.

- **Ph.D. in CSE and ECE** – It is focused on top-class research.

Faculty

Our faculty strength now stands at 36 as 15 new faculty members joined the institute since June 2012, while three left in the last academic year. Following are the names of the faculty members who became
part of the Institute June 2012 onwards, with most of them holding Ph.D. from prestigious universities in the US:

- Sujay Deb – Ph.D. from the Washington State University
- H B Acharya – Ph.D. from the University of Texas, Austin
- Rajiv Raman – PhD from the University of Iowa
- Haimonti Dutta – Ph.D. from the University of Maryland, Baltimore County
- Shobha Sundar Ram – Ph.D. from the University of Texas, Austin
- Apala Guha – Ph.D. from the University of Virginia, Carlottesville
- Rahul Purandare – Ph.D. from the University of Nebraska, Lincoln
- A V Subramanyam – Ph.D. from Nanyang Technological University, Singapore
- Vivek Bohara – Ph.D. from Nanyang Technological University, Singapore
- P B Sujit – Ph.D. from the Indian Institute of Science, Bangalore
- Alexander Fell – Ph.D. from the Indian Institute of Science, Bangalore
- Dong Hoon Chang – Ph.D. from the Korea University;
- Ashwin Sriniwasan – Ph.D. from the University of New South Wales, Sydeny
- Angshul Majumdar – Ph.D. from the University of British Columbia, Canada
- Sandip Aine – Ph.D. from IIT Kharagpur.
Administrative Staff

Like its faculty, the Institute’s administrative staff strength too has risen substantially, with a total of 25 people recruited so far for the smooth functioning of the Institute. Out of these 25, 10 have joined since April last year while three others resigned during the same period. In addition, we have a total of 48 support staff in FMS, 39 in security and 15 other contractual workers.

Student Strength

The Institute’s total student strength has climbed to 794, with 539 students pursuing B.Tech.; 187 M.Tech. and 68 Ph.D. A total of 171 new students were admitted to B.Tech. (CSE) and B.Tech. (ECE); 110 to M.Tech.; and 68 to the Ph.D. programme this year. A total of 51 B.Tech. students and 22 M.Tech. students graduated last year.

Research Funding

The Institute’s faculty members continue to pursue top quality research. A total of 102 of their papers have been published/accepted in international journals and conference proceedings. Overall 29 proposals of faculty members have been approved for funding by various agencies for a combined R&D project funding commitment of Rs. 74,299,440.00, with top funding agencies being DST, DeIT and DRDO. Out of these 29 sponsored projects, eight have been added since April last year, three closed in the last academic year and rest have been ongoing.

Awards

Our faculty and students have received numerous awards for their papers and posters. Many have also been granted prestigious research grants and fellowships across the world such as the Prime Minister’s Fellowship for Doctoral Research and IBM and TCS Fellowship Awards.

Last year, three of our young faculty members got the DST’s Inspire fellowship. Our faculty and PhD students received over 10 best paper or poster awards and 12 TCS PhD fellowships. Our students were able to crack the Microsoft India’s coveted ‘Whodunit? Challenge’ as also the Planning Commission’s Hackathon. They also won FICCI’s ‘Strengthening the Policing Contest 2013 – Ensuring Women Safety in India’.
Convocation
On November 3, 2012, we had our first Convocation in our new campus in Okhla. A total of 51 B.Tech. and 22 M.Tech. degrees were awarded.

Gracing the occasion with their presence were Chief Guest Shri N Narayana Murthy, founder of Infosys; the then Lt Governor of Delhi Tejendra Khanna; and Shri Kiran Karnik, the Chairman of the institute’s Board of Governors.

In his inspiring address, Mr Murthy exhorted students to imbibe fundamentals of education as instruments to solve problems around them, while IIIT-D Director, Prof Pankaj Jalote, enlightened the audience with information about the institute’s journey so far.

Placements
After the successful placement of the first graduating batch of IIIT Delhi, the B.Tech. 2009 and the M.Tech. 2011 batches have also fared fittingly. The sterling placement statistics of our Institute stand testimony to the fact that our graduates have the best combination of strong technical background and excellent soft skills. Even prior to the placements, many students of the B.Tech. and M.Tech. batches had done internships in international universities, IT industry specific R&D labs and IT companies during the summers of 2012.

- Some of the companies that visited our Institute include Microsoft India, Google, Adobe, Accenture and IBM.
- Students got domestic as well as international job offers. The highest salary offered for a job in India in the case of B.Tech. batch was Rs 16 lakh per annum, while for M.Tech., it was Rs 7 lakh per annum.

Placement Statistics for B.Tech. Students Graduating in 2013

- Total no. of students: 56
- No. of students Registered with T&P cell: 49
- No. of students who opted out to pursue higher studies: 7
- No. of students who secured a job: 40
- No. of unplaced students: 9
Placement Stats for M.Tech. Students graduating in 2013

- Total no. of students: 33
- No. of students registered with T&P cell: 28
- No. of students who opted out to pursue higher studies: 5
- No. of students who secured a job: 10
- No. of unplaced students: 18

Placement Stats for 28 m.Tech. Students Registered with T&P Cell

- No. of students who secured a job
- No. of unplaced students
Our Institute continues to hit headlines, with its events like Research Showcase and international workshops making it to various media outlets, along with articles on the innovative and interesting research work being carried out by a focused faculty and equally talented students. Some of the prominent media organisations which have taken note of our achievements are The Times of India, The Hindustan Times, The Economic Times, Press Trust of India (PTI), Indo-Asian News Service (IANS) and Business Standard. Following is a list of stories on IIIT-D that appeared in media since October last year:

- **IIIT Delhi Moves to New Campus in Okhla** *(The Hindustan Times)*
  New Delhi, Oct 30, 2012: *Students of the Indraprastha Institute of Information Technology (IIIT-Delhi) will no longer have to attend classes in its temporary centre at the Netaji Subhash Institute of Technology. Delhi Chief Minister Sheila Dikshit on Monday inaugurated the IIIT-Delhi campus in South Delhi’s Okhla.*

- **Reinvent Learning that Supports Innovation: Murthy** *(The Hindu Business Line)*
  New Delhi, Nov 3, 2012: *Despite making landmark advances, the Indian software industry has failed to support the growth of its own inventions, Infosys founder Narayana Murthy said today at IIIT-D’s first convocation, asking students to reinvent their idea of education to end this anomaly.*
  (http://www.thehindubusinessline.com/industry-and-economy/education/reinvent-learning-that-supports-innovation-narayana-murthy/article4061987.ece)

- **Most Indians ignorant about privacy issues on Internet, Social Media: IIIT-D Study** *(The Economic Times)*
  NEW DELHI, Dec 9, 2012: *Giving an insight into privacy perceptions in India in the wake of huge development in the IT sector, one of the first studies on the subject conducted by IIIT-D says a majority of people are ignorant about various privacy issues related to the Internet and online social media, including Facebook.*
  (http://articles.economictimes.indiatimes.com/2012-12-09/news/35705476_1_privacy-issues-personally-identifiable-information-privacy-invasion)

- **IIIT-D PhD Scholars win Microsoft’s Whodunit? Challenge** *(India Education Review)*
  New Delhi, Feb 5, 2013: *A team of Indraprastha Institute of Information Technology, Delhi (IIIT-D) researchers has emerged victorious in Microsoft Research India’s nationwide Whodunit? Challenge.*

- **Engineering students showcase research work** *(IBN)*
  New Delhi, Mar 15, 2013 (PTI) *Work of engineering students in the field of computer science and electronics research was today showcased in an event organised by Indraprastha Institute of Information Technology (IIIT).*
  (http://ibnlive.in.com/generalnewsfeed/news/engineering-students-showcase-research-work/1219416.html)
India, British Experts Discuss Cyber Security (The New Indian Express)
NEW DELHI, 26th March 2013 (IANS) Top experts from India and Britain discussed cyber security and online security, a pressing international issue demanding global cooperation, as part of a four-day workshop, which began on March 24 and which has been jointly organised by Research Councils UK (RCUK) and India’s department of science and technology, the Indraprastha Institute of Information Technology-Delhi (IIIT-D), and Britain’s Science and Innovation Network (SIN).
(http://newindianexpress.com/nation/article1518154.ece)

IIIT Delhi gets into collaborative PhD programme with QUT Australia (The Times of India)
NEW DELHI, Apr 15, 2013: The Delhi government-created Indraprastha Institute of Information Technology (IIIT-D) has joined hands with Australia’s Queensland University of Technology (QUT) for a collaborative PhD programme in areas like Cryptography, Control Theory and Robotics, as part of efforts to promote cooperative educational exchanges.

IIIT-D develops system that monitors, analyses real-world events online (The Times of India)
New Delhi, May 28: Researchers at the IIIT-D have come up with a new system called MultiOSN, which has been monitoring multiple online social media during real-world events, including the just-concluded IPL series, and presenting an analysis in real-time.

Demand for PhD in computer science hit by lack of scholarships (The Economic Times)
New Delhi, Jun 16 (PTI): Attracting quality students to pursue doctoral degree in computer science is one of the major challenges faced by India’s top technical institutes due to lack of lucrative scholarships and fellowships, according to a survey conducted by Prof Pankaj Jalote, Director of the Indraprastha Institute of Information Technology (Delhi).
(http://articles.economictimes.indiatimes.com/2013-06-16/news/40009109_1_computing-machinery-phd-students-computer-science)

Overall, the Institute continues to perform well with good quality faculty and students, and strong UG and PG programs. It is making all-out efforts and succeeding in realising its vision of becoming a globally respected institution.
2 Education

2.1 Current Academic Programs

The institute offers undergraduate programs in two main areas leading to B.Tech. degrees in CSE and ECE, M.Tech. in general and specialized M.Tech. degrees in Mobile Computing, Information Security, Data Engineering, and VLSI & Embedded Systems, as well as doctoral programs in IT and allied areas. The primary objective is to impart specialized trainings on the latest technological advancements in CSE and ECE domains.

2.2 Student Intake and Total Student Strength

1) B.Tech. (Student intake): 171 (CSE 121+ ECE 50)
Total student strength: 539

2) M.Tech. (Student intake): 110 (CSE 80 + ECE 30)
Total student strength: 187

3) Ph.D. (Student intake): 24 (CSE 04+11 Direct M.Tech. + ECE 9)
Total student strength: 68

Average class XII maths score for the new B.Tech. batch is 94.13
Average class XII total score for the new B.Tech. batch is 88.53

2.3 Students Graduated

The Institute had its first convocation on November 3, 2012, at its new campus in Okhla. A total of 51 B.Tech. and 22 M.Tech. degrees were awarded at the event in the presence of Chief Guest Shri N Narayana Murthy, founder of Infosys; Shri Tejendra Khanna, the then Lt. Governor of Delhi and Chancellor of IIIT Delhi; Shri Kiran Karnik, the Chairman of the institute’s Board of Governors; and Prof Pankaj Jalote, the Director of the IIIT-D.

2.4 Courses Taught

During the past year, following courses were offered by the institute. Most of the advanced level courses were designed to meet the demands of the latest advances in technologies in IT and related areas.

Computer Science and Engineering Course
CSE111: Digital Circuits (Prof R N Biswas)
CSE101: Introduction to Programming (Dr Gaurav Gupta)
CSE131: System Management (Dr Amarjeet Singh)
CSE231: Operating Systems (Dr Pushpendra Singh)
CSE201: Advanced Programming (Dr Srikanta Bedathur)
CSE121: Discrete Mathematics (Dr Astrid Kiehn)
CSE300: Software Engineering (Dr Ashish Sureka)
CSE546: Applied Cryptography (Dr Somitra Sanadhya)
CSE511: Computer Architecture (Dr Subhasis Banerjee)
CSE310: Digital Hardware Design (Dr Saket Srivastava)
CSE535: Mobile Computing (Dr Vinayak Naik)
CSE345/CSE545: Foundations of Computer Security (Dr Gaurav Gupta)
CSE343/543: Machine Learning (Dr Richa Singh)
CSE320/520: Advanced Algorithms (Dr Debajyoti Bera)
CSE340/540: Image Analysis (Dr Mayank Vatsa)
CSE694E: Geospatial Data Management (Dr Raja Sengupta)
CSE501: Designing Human-Centered Systems (Dr Ponnurangam Kumaraguru)
CSE506: Data Mining (Dr Anirban Mondal)
CSE694D: Privacy in Location-based Services (Dr Vikram Goyal)
CSE507: Database Systems Implementation (Dr Vikram Goyal)
CSE648: Privacy and Security in Online Social Media (Dr Ponnurangam Kumaraguru)
CSE649 Network Protocol Security (Dr Hrishikesh Acharya)
CSE693A: Logic Programming and Learning (Dr Ashwin Srinivasan)
CSE620: Theory and Practice of Cryptography (Dr Donghoon Chang)
CSE102: Data Structures and Algorithms (Dr Mayank Vatsa)
CSE112: Computer Organization (Dr Subhashis Banerjee)
CSE202: Introduction to Database Management Systems (Dr Ashish Sureka)
CSE222: Analysis and Design of Algorithms (Dr Debajyoti Bera, Dr Rajiv Raman)
CSE232: Computer Networks (Dr Vinayak Naik)
CSE330/530: Distributed Security Systems (Dr Acharya H B)
CSE337/537: Embedded Systems (Dr Amarjeet Singh)
CSE342/542: Pattern Recognition (Dr Richa Singh)
CSE440: Intelligent Systems-I (Dr Ashwin Srinivasan)
CSE441/541: Advanced Biometrics (Dr Richa Singh)
CSE508: Information Retrieval (Dr Srikanta Bedathur)
CSE522: Verification of Reactive Systems (Dr Astrid Kiehn)
CSE531: Multiagent Systems (Dr Sujit P B)
CSE538: Ad-Hoc Wireless Networks (Dr Sanjit Kaul)
CSE608: Distributed Data Mining (Dr Haimonti Dutta)
CSE645: Digital and Cyber Forensics (Dr Gaurav Gupta)
CSE694F: Multimedia Security (Dr Subramanyam A V)
CSE734: Advanced Topics in Mobile Computing (Dr Pushpendra Singh)
CSE793A: Topics in Cryptanalysis (Dr Donghoon Chang)

Engineering Science Courses

ESC201: Transducers and Signal Conditioning (Ms Girisha Garg-Guest Faculty))
ESC202: Digital Communication (Dr Gangadharappa-Guest Faculty))
ESC205: Environmental Sciences (Dr Pankaj Mehta-Guest Faculty))
ECE512: Introduction to VLSI Design (Dr Sujay Deb)
ECE501: Probability and Random Processes (Dr Sanjit Kaul)
ECE520: Analog Circuit Design (Dr Mohammad S Hashmi)
ECE531: Operating Systems (Dr Vinayak Naik)
DES130: Introduction to Engineering Design (Dr Saket Srivastava, Dr Pravesh Biyani, Dr Sujay Deb, Dr Sanjit Kaul, Prof R N Biswas)
ECE521: RF Circuit Design (Dr Mohammad S Hashmi)
ECE616: Advanced FPGA Design (Dr Saket Srivastava)
ECE511: Computer Architecture (Dr Subhasis Banerjee)
ECE510: Digital Hardware Design (Dr Saket Srivastava)
ECE715: System-on-Chip Design and Test (Dr Sujay Deb)
ECE729: Advanced Signal Processing (Dr Angshul Majumdar)
ESC205: Environmental Sciences (Dr Suresh Jain-Guest Faculty)
ESC206: Computational Genomics (Dr Dhruv Grover-Visiting Faculty)
ENT402: Entrepreneurship: Managing a Venture (Mr Hemant Kumar)
ENT401: Entrepreneurship (Mr Hemant Kumar)

**Humanities & Social Science Courses**
HSS101: Technology and Society (Dr Leon Morenas-Guest Faculty)
HSS204: Introduction to Psychology (Dr Arvinder Kaur/ Ms Manasi Jain-Guest Faculty)
HSS205: Introduction to Sociology (Dr Duru Arun Kumar-Guest Faculty)
HSS206: Introduction to Film Studies (Ms Parul Tyagi-Guest Faculty)
HSS208: Theory and Practice of Engineering Ethics (Ms Shachi Yadav-Guest Faculty)
HSS209: Music Appreciation (Mr Vikram Lall-Guest Faculty)

**Other Courses**
Math100: Mathematics I (Mr Anurag Sahai-Guest Faculty) (Dr Sriram K after Mid Sem)
MTH201: Probability and Statistics (Dr Ponnurangam Kumaraguru)
MTH202: Mathematics: Algebra (Prof Samaresh Chatterji)
MTH502: Number Theory (Dr Somitra Sanadhya)
PHY302: Semiconductors and Optics (Prof Subhash Chopra-Guest Faculty)
PHY301: Physics (Prof Subhash Chopra-Guest Faculty)
COM101: Communication Skills (Ms Rekha Shorey, Mr K M Pathi-Guest Faculty)
COM201: Critical Reading (Ms Parul Tyagi/Mr K M Pathi-Guest Faculty)
COM 301: Technical Communication (Prof Pankaj Jalote, Mr Hemant Kumar, Dr Debajyoti Bera)
COM333: Organizational Behavior (Mr K M Pathi-Guest Faculty)
ECO301: Introduction to Economic Analysis (Dr Shreemoy Mishra)
ECO303: Economics in Information and IT (Dr Shreemoy Mishra)
ECO302: Applied Econometric Analysis (Dr Shreemoy Mishra)
BIO505: Introduction to Computational Neuroscience (Dr Sriram K)
BIO501: Systems Biology (Dr Sriram K)

**3 Research and Development**

B.Tech., M.Tech. and Ph.D. projects contribute significantly to the academic research, the major outcome of which is development of technologies that are deployed in various IT-related domains. IIIT-D faculty members remain engaged in research activities and have published in various national and international journals and conference proceedings. Besides, IIIT-D gives high importance to research and development (R&D) and consultancy sponsored by various national and international organizations that sustains meaningful collaborations between academia and industry. In the following section, the technologies developed, research grants obtained, consultancy projects undertaken, the papers published in peer reviewed journals and conference proceedings are highlighted.
3.1 Technologies Developed / Deployed

1. IVR systems developed to help low-literate people from rural background access information about jobs under National Rural Employment Guarantee Scheme (NREGS). The system is currently in use in Gattu district in Andhra Pradesh and is being used by thousands of people. Such a system has also been deployed at the Lucknow-based NGO “Digital Study Hall” (A UWash initiative) to help students connect with teachers.

2. A mobile application (built on top of ODK) developed to collect demographic information of the IVR users and sync it with the server. Tablets with these applications were given (and are still being used) to field workers for data collection from several villages.

3. SMS-based systems developed and deployed at several locations in Maharastra with an aim to help low-literate people from rural background access information about Healthcare schemes by the government.

4. A billing module developed for an NGO Raxa (raxa.org) which is developing an open source medical record system to be deployed in tribal hospital in Chattisgarh

5. A system for vehicular tracking developed for Husk Power Systems. This project is currently under expansion and discussions are ongoing with Husk Power System for initial deployment on all their vehicles.

6. A system for Time and Presence Based monitoring and control developed for Telecommunication Consultants India Limited (TCIL), whose staff is being trained for deploying the system on their own and they have plans to extend the system for large scale deployment in their building.

7. WiFi share: It is an innovative mobile app which enables adhoc file transfer between two or more android phones using wireless hotspot technology provided by today’s phones and does not depend on any intermediary infrastructure. Using WiFiShare, files are transferred in few steps with a transfer speed of 1.5-2.5 MBps (More than 5000 installations of WiFi share have already been done).

8. Digital Forensic Lab established in IIIT Delhi with state of the art tools like Encase Enterprise with 10 unique logins.


11. Anti-Phishing Phil: A game that teaches people how to identify malicious links and URLs.

12. Biometric Quality Assessment Tool (Ver. 2) for Army Research Laboratory, Department of Defense, USA: It can be used for evaluating the quality of face, fingerprint and iris images in terms of both image quality and biometric quality for determining the failure to enroll and failure to process cases.

13. Context Switching Tool for Multimodal Biometric Fusion (Version 1.1) for Army Research Laboratory, Department of Defense, USA: In a multimodal biometric framework with iris, fingerprint and face modalities, the tool is used to determine which biometric modality to select for verification/
identification – whether unimodal or multimodal. If multimodal is selected, the tool also determines which fusion algorithm to select.

14. Face Recognition Tool (Version 2 – final) for DIT, India: The tool consists of face image quality, pre-processing, detection, and recognition algorithms.

15. A low cost single lead ECG recording system developed.

16. WiFiShare: An Android, which so far had 9,436 downloads.

17. Fourteen applications from Mobile Computing course, which was offered in Monsoon’12 semester, were published in Android and Windows Phone App Stores. B. Tech. student S Singhal’s app had more than 12K downloads in three months and another B.Tech. student A Saini’s app was listed “The best Impressive and New App on App Flow” and featured on WP7 market.

18. Indigenously developed low-cost SMS (GSM to IP) Gateway was provided to IBM Research Labs (IRL), India for their National University Challenge 2012: Build Smarter Cities.

3.2 Patents

Dr Ashish Sureka’s previous work at the Infosys led to the grant of the following patents:


Both the patents are based on his work at Infosys (where Infosys was the assignee and IP owner, while Dr Sureka was the inventor). One of the patents (8489530) is on a method to mine automotive warranty claim data for effective root cause analysis (automotive domain). The other patent (8468155 B2) is on improving a recommendation algorithm. Both the works/patents were done within the Information Management group at Infosys Labs.

3.3 Sponsored / Consultancy Projects

Sponsored Research Projects

1) Design and development of System for Detecting Digitized Document Frauds; PI: Dr Gaurav Gupta; Funding Agency DeIT; Amount sanctioned: Rs 8,112,000.00; Duration: 36 months

2) Design and development of a Mobile Device Centric environment Healthcare Delivery; PI: Dr Pushpendra Singh; Funding Agency: DeIT; Amount sanctioned: Rs 4,680,000.00; Duration: 36 months.

3) Analyzing & Measuring Trustworthiness of User-Generated Content & Users on Multiple Online Social Media to Counter Cybercrime; PI: Dr Ponnurangam Kumaraguru; Funding Agency: DeIT; Amount sanctioned: Rs 7,500,000.00; Duration: 24 months

4) MAX Planck Partner Group: Search and Mining over Large Scale Graphic; PI: Dr. Srikanta Bedathur Jagannath; Funding Agency: DST: Indo-German Science & Technology Centre; Amount sanctioned: Rs 4,050,000.00; Duration: 36 months

5) CAIR: Working out Indistinguishability Metrics for short Sequence Generation System; PI: Dr. Somitra Kr. Sanadhya; Funding Agency: DRDO; Amount sanctioned: Rs 950,000.00; Duration: 36 months
6) Correlating Differential Power with Program Behaviour: An analysis of Side Channel in Smart Card; PI: Dr. Subhasis Banerjee; Funding agency: CARS: DRDO; Amount sanctioned: Rs 1,416,000.00; Duration: 12 months

7) An Inter-Disciplinary Approach Toward building Ontology for Online Extremism; PI: Dr Ponnurangam Kumaraguru; Funding Agency: DST-Indo-Ireland; Amount sanctioned: Rs 684,000.00; Duration: 24 months

8) Analysis of Ad-hoc Networks; PI: Dr Pushpendra Singh; Funding Agency: SAG:DRDO; Amount sanctioned: Rs 1,500,000.00; Duration: 15 months

9) Recognizing Surgically Altered Face Images for Security Application; PI: Dr Richa Singh; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 1,369,000.00; Duration: 36 months

10) Development and Evaluation of Mobile Learning Techniques for Indian Masses; PI: Dr Pushpendra Singh; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 511,000.00; Duration: 24 months

11) International Development Research Centre, Canada and Privacy International, UK Privacy In India; PI: Dr Ponnurangam Kumaraguru; Funding Agency: Privacy International; Amount Sanctioned: Rs 2,055,973.00; Duration: 24 months

12) Design and cryptanalysis of some Cryptographic primitives; PI: Dr Somitra Kr. Sanadhya; Funding Agency: Naval Research Board: DRDO; Amount sanctioned: Rs 2,520,000.00; Duration: 36 months

13) Reengineering existing Application for Multicore Services; PI: Dr Subhasis Banerjee; Funding Agency DST; Amount sanctioned: Rs 3,176,000.00; Duration: 36 months

14) User Controlled information Dissemination for Security and Privacy in Location Based Services; PI: Dr. Vikram Goel; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 516,000.00; Duration: 36 months

15) Effective Economy Based Dissemination Of Information in a Mobile P2P environment for providing Valuable Social Service; PI: Dr. Anirban Mandal; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 228,000.00; Duration: 36 months

16) Research and Design of Face Recognition System for Variations in Pose, Expression and Illumination; PI: Dr Richa Singh; Funding Agency: DeIT; Amount sanctioned: Rs 8,725,000.00; Duration: 36 months

17) How Should I Fix Bug?-Investing Text Analytics and Social network Analysis Based Approaches to Support a Practitioner in Bug Fixing; PI: Dr Ashish Sureka; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 342,000.00; Duration: 36 months

18) Analyzing Online Content using Data Mining Techniques to Counter Cyber Crime-Under Cyber Security grant-in-Aid programme; PI: Dr Ponnurangam Kumaraguru; Funding Agency: DeIT; Amount sanctioned: Rs 8,150,000.00; Duration: 36 months

19) Research and Exploration in Support of the proposed Project Title Use of cell phone for detecting and Controlling Infectious Diseases from National Geographic Society; PI: Dr Vinayak Nayak; Funding Agency: National Geographic Society; Amount sanctioned: Rs 986,960.00; Duration: 12 months
20) Statistical Evaluation and Recognition of Simultaneous Latent Fingerprint Impression; PI: Dr Mayank Vatsa; Funding Agency: DST: Fast Track; Amount sanctioned: Rs 558,000.00; Duration: 36 months

21) Building a CMM like model for assessing the maturity of E-Governance; PI: Prof Pankaj Jalote; Funding Agency: NISG; Amount sanctioned: Rs 700,000.00

22) Grant for Research in Computer Science; PI: Prof Pankaj Jalote; Funding Agency: Microsoft; Amount sanctioned: Rs 420,000.00

23) Microsoft Grant for Computer Science; PI: Prof Pankaj Jalote; Funding Agency: Microsoft; Amount sanctioned: Rs 1,849,507.00

Consultancy Projects

1. Consultancy Services provided for Investigation of letters/envelops for authorship analysis; PI: Dr Gaurav Gupta; Funding Agency: National Highway Authority of India; Amount sanctioned: Rs 60,000

2. Mining Software Repositories; PI: Dr Ashish Sureka; Funding Agency: Accenture Services Pvt Ltd; Amount sanctioned: Rs 1,20,000

3. Time and Presence Based Energy Control and Management ; PI: Dr Amarjeet Singh; Funding Agency: Telecommunication Consultants India Pvt Ltd; Amount sanctioned: Rs 2,00,000

Other Support/Grant

1) DST/INSPIRE Faculty Award/2012 (fellowship); PI: Dr Angshul Majumdar; Funding Agency: DST; Amount sanctioned: Rs 3,500,000.00; Duration: 5 years

2) DST/INSPIRE Faculty Award/2012 (fellowship); PI: Dr Sujay Deb; Funding Agency: DST; Amount sanctioned: Rs 3,500,000.00; Duration 5 years

3) DST/INSPIRE Faculty Award/2012 (fellowship); PI: Dr Pravesh Biyani; Funding Agency: DST; Amount sanctioned: Rs 3,500,000.00; Duration: 5 years

4) Ramanujan Fellowship; PI: Prof Ashwin Srinivasan; Funding Agency: DST; Amount sanctioned: Rs 2,800,000.00; Duration: 4 years

3.4 Research Publications

Refereed Books/Journals


11) A. Majumdar, “Improved Dynamic MRI Reconstruction by Exploiting Sparsity and Rank-Deficiency”, Magnetic Resonance Imaging (Accepted). (I.F. 2.0)

12) M. Vatsa, Quality Induced Multiclassifier Fingerprint Verification using Extended Feature Set, Signal and Image Processing for Biometrics Under Uncontrolled data Acquisition Conditions (Book Editors: Jacob Sharancski, Hugo Proença and Eliza Y. Du), Springer-Verlag, 2013. (Accepted)


14) Massimo Tistarelli, Daksha Yadav, Mayank, Vatsa and Richa Singh, Short- and Long-Time Aging Effects in Face Recognition, In Age Factors in Biometric Processing, Edited by Michael Fairhurst, IET Publisher, 2013. (Accepted)


24) Vikram Goyal, Ankita Likhyani, Neha Bansal, Ling Liu, “Efficient Trajectory Cover Search for Moving Object Trajectories”, IEEE Mobile Services (Accepted)

Referred Conferences


23) Denzil Correa and **Ashish Sureka.** 2013. *Integrating Issue Tracking Systems with Community-Based Question and Answering Websites.* To be Published In Proceedings of the 22nd Australian Software Engineering Conference (ASWEC 2013)


31) S. S. Arora, **M. Vatsa, R. Singh**, and A. K. Jain, *On Iris Camera Interoperability*, In Proceedings of International Conference on Biometrics: Theory, Applications and Systems, 2012, **Received the Best Poster Award.**


34) D. Yadav, N. Kohli, R. Singh, and M. Vatsa, Revisiting Iris Recognition with Color Cosmetic Contact Lenses, 6th IAPR International Conference on Biometrics, June, 2013. (Accepted)

35) D. Yadav, R. Singh, M. Vatsa, M. Tistarelli, Bacteria Foraging Fusion For Face Recognition Across Age Progression, CVPR Workshop On Biometrics, 2013. (Accepted)

36) S. Bharadwaj, T. I. Dhamecha, M. Vatsa, R. Singh, Computationally Efficient Face Spoofing Detection with Motion Magnification, CVPR Workshop On Biometrics, 2013. (Accepted)


40) J.A. Fortuna, P.B. Sujit and J.B. Sousa: Multiple UAV Area Decomposition and Coverage, IEEE Symposium on Computational Intelligence, Singapore, April 2013. (Accepted)

41) D.E. Lucani, P.B. Sujit and J.B. Sousa: Spare the Mule, Help your Neighbors: Robot Route Planning for Data Retrieval on Large Scale Sensor Networks, IEEE International Conference on Robotics and Automation, Karlsruhe, Germany, May 2013. (Accepted)

42) Ottoni, R., Pesce, J., Casas, D., Franciscani, G., Meira, W., Kumaraguru, P., Almeida, V. Ladies First: Analyzing Gender Roles and Behaviors in Pinterest. Accepted at The International AAAI Conference on Weblogs and Social Media (ICWSM) 2013.


Jain, P., Kumaraguru, P., Joshi, A. @I seek ‘fb.me’: Identifying Users across Multiple Online Social Networks. Accepted at the 2nd International Workshop on Web of Linked Entities (WoLE), in conjunction with the 22th International World Wide Web Conference (WWW) (2013).


Malhotra, A., Totti, L., Meira, W., Kumaraguru, P., and Almeida, V. Studying user footprints in different online social networks. Accepted at International Workshop on Cybersecurity of Online Social Network (CSOSN) (2012).


69) Kalapriya Kannan and Subhasis Banerjee “Scissors: Dealing with Header Redundancies in Data Centers through SDN”, 8th International Conference on Network and Service Management (CNSM 2012)


75) **P Jassal, K. Yadav, A. Kumar, V. Narwal, V. Naik, and A. Singh.** *Unity: Collaborative Downloading Content using co-located Socially Connected Peers*. Accepted at The 9th International Workshop on Mobile Peer to Peer Computing (MP2P’13, March 18 22, 2013, San Diego, USA

76) **S. Soubam, N. Prathapaneni, V. Nandakumar, K. Yadav, V. Naik, N. Rajamani, D. Chakraborty, L. V. Subramaniam, S. Mehta, and P. De.** *Open Ended Community-Sensing: Data Collection and Processing*. Accepted at the Sixth Workshop on Analytics for Noisy Unstructured Text Data (AND’12), IIT Bombay

77) **K. Yadav, V. Naik, and A. Singh.** *Building Energy-Efficient Spatio Temporal Mobility Profiles for Mobile Users*. Accepted in Third International Conference on the Analysis of Mobile Phone Datasets (D4D Challenge), May 1-3, 2013, MIT, Boston, USA

78) **K. Yadav, A. Kumar, V. Naik, and A. Singh.** *A Tale of Peoples’ Movement Patterns in Developing Countries*. Accepted in Data for Development (D4D) Challenge at Third International Conference on the Analysis of Mobile Phone Datasets (NetMob’13), May 1-3, 2013, MIT, Boston, USA

**4 Outreach and Professional Service**

IIIT-D organized number of national and international conferences, conducted short courses and workshops in the past academic year which are highlighted below.

**4.1 Conferences/Short Courses/Workshops Organized**

1) **NORAD Seed Funding 2012: Mobile & Ubiquitous Computing Group Workshop**: PI: Dr Amarjeet Singh; Duration: January 25-26; Funding Agency: NORAD-Norway; Amount sanctioned: Rs 2,345,772.59

2) **Targeted Training Programme**: Advance techniques in Cryptanalysis of Symmetric Systems; PI: Dr Somitra Kumar Sanadhya; Duration: February 28-March 7, 2013; Funding Agency: DRDO; Amount sanctioned: Rs 2,381,500.00

3) **Research Showcase**: IIIT Delhi’s third annual Research Showcase took place on 15th-16th March, 2013. A total of 39 posters and demos were presented, which included recent innovations by various research groups at the institute such as Emerging Architecture and System Design, Cryptography and Forensics, Information Management and Data Analytics, Mobile and Ubiquitous Computing, Security and Privacy, Software
Engineering and Theory, as well as outstanding course projects developed by students. Out of these, 6 posters and demos were by undergraduates. The event was sponsored by Microsoft India with a funding of Rs 50,000

4) Indo-UK Cyber Security Workshop; PI: Dr Ponnurangam Kumaraguru; Duration: March 24-26, 2013; Funding Agency: DST-Indo/UK; Amount sanctioned: Rs 650,000.00

Research Councils UK (RCUK) and India’s Department of Science and Technology brought together top researchers from India and the UK for this workshop to discuss cyber security, a pressing transnational issue demanding global cooperation

4.2 Participation of Faculty in National & International Conferences

Our faculty members also attended a number of national and international conferences and presented their research results, enhancing their professional expertise.

Amarjeet Singh
- Convener of Professor Summit on Atmel XMEGA and ARM-based SAM4L microcontrollers, held at the IIIT-D on July 18-19

Somitra Kr Sanadhya
- Co-PC Chair, 2nd international conference on “Security, Privacy and Applied Cryptography Engineering” SPACE 2012, held in association with IIT Chennai. Publication in LNCS. The Program committee included top names in international crypto research.
- Organized a workshop on “Symmetric ciphers cryptanalysis” by Vincent Rijmen and Andrey Bogdanov at IIIT Delhi. This was supported by DRDO, and the amount sanctioned was about Rs 24 lakhs.

Mayank Vatsa
- Session Chair, IEEE International Conference on BTAS, Washington DC, USA September 2012
- Session Chair, International Conference on CVPR, Workshop on Biometrics, Providence, USA June 2012
- Visiting Researcher, hosted by PRIP lab (Prof. Anil Jain) Michigan State University, USA (One month in June-July 2012)
- Visiting Researcher, hosted by Prof. Afzel Noore, West Virginia University, USA (One week in June 2012)

Ponnurangam Kumaraguru
- Co-Organizer for Indo-UK workshop on Cyber-security. Attended by a 14-member delegation from the UK and 15-member team from India. This was funded by Department of Science and Technology, India. (24th March, 2013 – 27th March, 2013)
- Co-Organizer for the Workshop on Consumer Privacy Around the Globe at the Global Privacy Summit from March 6– 8, 2013. This was attended by about 30 privacy professionals around the globe in Washington DC, USA.
- Co-Organizer for Security and Privacy Symposium attended by 100 participants, including 60 faculty / researchers, and 40 students from all around India (February 28– March 2, 2013)
• Second International Workshop on Privacy and Security in Online Social Media at Rio De Janeiro, Brazil on May 14, 2013

**Richa Singh**

• Sponsorship Chair, International Conference on Biometrics, Madrid, Spain, June 2013
• Session Chair, IEEE International Conference on BTAS, Washington DC, USA September 2012
• Visiting Researcher, hosted by Prof. Anil Jain, Michigan State University, USA (One month in June-July 2012)
• Visiting Researcher, hosted by Prof. Afzel Noore, West Virginia University, USA (One week in June 2012)

**Vinayak Nayak**

• Invited to chair Networking Track session at ICDCN’13, Jan 2013, Mumbai, India

4.3 Other Visits by Faculty

**Amarjeet Singh**

• Invited speaker, IGIT (July 2, 2012): Application oriented research in mobile computing group at IIIT Delhi
• Invited for Guest Lecture in the UMass-IITB Course on Smart Grids
• Invited to be part of Governing Council, HISP India
• Invited Speaker, IBM 2012 Regional Technical Exchange (Sep 11-12): Gave a talk on sensing infrastructure for energy and water sustainability at IIIT Delhi
• Invited Speaker, Workshop on home monitoring of chronic diseases using mobile technology (Sep 21, 2012)
• Invited speaker, DataDev Workshop, co-located with MDM 2012

**Gaurav Gupta**

• Delivered invited lecture on topic “Current And Future Trends In Digital Forensic” at Haryana Police academy, Madhuban, Karnal, Haryana
• Delivered invited lecture on topic “Myth versus reality of computer frauds and cyber crime” at Amity University
• Delivered invited lecture on topic “Current And Future Trends In Digital Forensic” at AIT conducted Faculty Development program.

**Mayank Vatsa**

• Online Learning in Biometrics, Opera Solutions, Noida, November, 2012
• Challenges in Iris Recognition, NEC Research Labs, Bangalore, September, 2012

**Pushpendra Singh**

• Invited talk at NetHealth 2013, Bengaluru, India, January 2013
• Invited talk at Peer Mentoring Workshop, Georgia, Atlanta, USA, March 2012
Srikanta Bedathur Jagganath

- Guest lecture module on Graph Databases in the course “Web Intelligence and Big Data” on Coursera
- Invited talk at Xerox Research Center India (XRCI), Bangalore on “Scalable Graph Management for Linked Data”
- Invited talk at IMPECS workshop on Social Data Analytics at IIT-Kharagpur on “Scalable Network Processing in Social Networks”
- Invited talk at Inaugural workshop of IKDD on Understanding Big Data Analytics held in Mysore Infosys Park

Subhasis Banerjee

- DRDO workshop lecture/tutorial (30-Aug-2012): Memory Management in Multicore Systems
- Invited lecture at CSE department, Amity University (6-Feb-2013): Moving into multicore era: opportunities and challenges
- Tutorial at Workshop on Embedded System Design, School of Information Technology, University of Calcutta (10-Mar-2013): Design Challenges in Multiprocessor SoC.

Vinayak Nayak

- Invited to chair Networking Track session at ICDCN’13, Jan 2013, Mumbai, India
- Making Healthcare Delivery System Distributed and Delay Tolerant, Invited talk at NetHealth Workshop at ComsNet in Bangalore, India on January 7, 2013

4.4 Distinguished Visitors and Invited Seminars

The aim of inviting distinguished visitors to IIIT-D is to provide opportunity to the faculty to strengthen the collaborative research and enhance their visibility both in academia and industry. Many distinguished visitors from academia and industries visited IIIT-D that served as a venue for exchanging research ideas. Some of these visits are mentioned below.

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Date</th>
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<tbody>
<tr>
<td>Dr Kavitha Telikepalli, TIFR, Mumbai</td>
<td>Small stretch Pair wise spanners</td>
<td>April 11,2013</td>
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<tr>
<td>Dr Magda El Zarki, University of California, Irvine</td>
<td>Online Game Systems - A Networking Perspective</td>
<td>April 2,2013</td>
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<tr>
<td>Prof Alan Murray, Edinburgh University</td>
<td>Designing Sustainability</td>
<td>March 19 ,2013</td>
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<tr>
<td>Mr Rohit Ranja</td>
<td>YES!+ workshop, we thought of introducing with an introductory seminar</td>
<td>March 18, 2013</td>
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<tr>
<td>Dr Tony ThomasAssistant ProfessorIndian Institute of Information Technology and Management – Kerala</td>
<td>Cryptographic Primitives, their Security and Trends</td>
<td>March 14,2013</td>
</tr>
<tr>
<td>Speaker</td>
<td>Title</td>
<td>Date</td>
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<tr>
<td>Prof Anil K Jain, University Distinguished Professor in the Department of Computer Science at Michigan State University, USA</td>
<td>Biometrics: Technology for Human Recognition</td>
<td>Feb 25, 2013</td>
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<tr>
<td>Dr Vinay Ribeiro, CSE IIT Delhi</td>
<td>Rapidly deployable TDMA mesh network with application to disaster management</td>
<td>Feb 21, 2013</td>
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<tr>
<td>Prof Robert Tijdenman, Mathematical Institute, Leiden University, The Netherlands</td>
<td>Discrete Tomography</td>
<td>Feb 7, 2013</td>
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<tr>
<td>Dr Gautam Shroff, Vice President and Chief Scientist, TCS Innovation Labs</td>
<td>Enterprise BigData Applications and Research Problems</td>
<td>Jan 31, 2013</td>
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<tr>
<td>Dr Krishna Gummadi, Max Planck Institute for Software Systems, Germany</td>
<td>Extracting Relevant and Trustworthy Information from Microblogs</td>
<td>Dec 12, 2012</td>
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<tr>
<td>Prof Ashwin Srinivasan, IIT Delhi</td>
<td>Computers are People Too!</td>
<td>Nov 8, 2012</td>
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<tr>
<td>Dr. Kaushik Saha, ST Microelectronics</td>
<td>Digital Coding and Compression of High Fidelity Audio</td>
<td>Nov 1, 2012</td>
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<tr>
<td>Prof Harish Parthasarathy, ECE division, NSIT</td>
<td>Estimating the transformation connecting blurred image pairs</td>
<td>Oct 25, 2012</td>
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<tr>
<td>Raman Grover, Univ. of California, Irvine</td>
<td>ASTERIX: Scalable Warehouse-Style Web Data Integration</td>
<td>Oct 16, 2012</td>
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<tr>
<td>Dr Rajiv Raman, TRDDC, Pune</td>
<td>Maximum feasible subsystems and applications</td>
<td>Oct 11, 2012</td>
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<tr>
<td>Prof Narayan B Mandayam, Rutgers University</td>
<td>Network Coding as a Dynamical System</td>
<td>Sep 27, 2012</td>
</tr>
<tr>
<td>Prof Manindra Agrawal, IIT Kanpur</td>
<td>Polynomials from a Computational Perspective</td>
<td>Sep 20, 2012</td>
</tr>
<tr>
<td>Dr Rahul Garg, Opera Solutions</td>
<td>Anonymization of High Dimensional Data Using Nearest Neighbor Clustering and Perturbation</td>
<td>Sep 06, 2012</td>
</tr>
<tr>
<td>Dr L. Venkata Subramaniam, IBM IRL</td>
<td>Inferring from the Crowd</td>
<td>Aug 30, 2012</td>
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</tbody>
</table>

### 4.5 Professional Service

IIIT-D faculty served in various research and conference committees as well as editorial boards as outlined below:

**Amarjeet Singh**

- Publicity Chair: Comsnets 2013

**Angshul Majumdar**
- External reviewer for IEEE ICASSP, IEEE ICIP and MICCAI
- Instructed a full-day workshop on Compressed Sensing Theory at IIT Guwahati.

**Ashish Sureka**
- Finance Chair for ISEC 2013 Conference

**Astrid Kiehn**
- PC member of PNSE 2013 (International Workshop on Petri nets and Software Engineering)
- Member of the advising student research committee of Shibashis Guha, PhD student at CSE, IIT Delhi.

**Debajyoti Bera**
- Was consulted for drafting the syllabus for a course on Design and Analysis of Algorithms for PhD program of IGNOU

**Donghoon Chang**
- SPACE 2012 (Security, Privacy, and Applied Cryptography Engineering): Program Committee member

**Government advisory roles:**
- Writing a report on SHA-3 project of NIST to KISA (Korea Internet & Security Agency) of Korea

**HB Acharya**
- Reviewed three papers for Communications and Computer Security, journal, ACTA Press.
- Reviewed a paper for Distributed Computing, journal, Springer

**Mayank Vatsa**
- Area Editor, IEEE Biometrics Compendium, January 2012 – Present
- Reviewer of several IEEE, Elsevier and other journals and conferences
- Program Committee Member, IEEE International Conference on Image Processing, Orlando, October 2012
- Program Committee Member, Workshop on Biometrics, International Conference on Computer Vision and Pattern Recognition, Rhode Island, June 2012
• Program Committee Co-Chair, International Conference on Biometrics, Madrid, Spain, June 2013
• Program Committee Member, IEEE International Conference on Face and Gesture Recognition, Shanghai, April 2013
• Program Committee Member, International Workshop on Biometrics: Technologies, Systems and Applications, Barcelona, February 2013

**Government advisory roles:**

• Member, Biometrics Committee on Immigration, Visa and Foreigner’s Registration and Tracking, Ministry of Home Affairs and National Information Center
• Member, UID Standards Sub-Committee for Fingerprint Recognition
• Member, UID Standards Sub-Committee for Face Recognition
• Member, UID Standards Sub-Committee for Iris Recognition

**Mohammad Hashmi**

• Associate Editor for the special edition of “International Journal of Microwave Science and Technology” published in May 2013. The focus of the edition was *Advanced RF and Analog Integrated Circuits for Fourth Generation Wireless Communications and Beyond*

**Ponnurangam Kumaraguru**

• Part of the Technical Advisory Committee for the ACM Conference on Online Social Networks (COSN), cosn.acm.org. Six of the best workshops on Online Social Media (one of it being Privacy and Security in Online Social Media, which he co-organized at WWW 2013 and 2012) were merged to create this conference. He is also the publicity chair for the conference.
• Co-organizer for the Workshop on Privacy and Security in Online Social Media, Co-located with WWW 2013.
• Program Committee member for the 22nd International World Wide Web Conference, WWW 2013, for the track Security, Privacy, Trust, and Abuse Area.
• Program Committee member for 8th ACM Symposium on Information, Computer and Communications Security (ASIACCS), 2013.
• Program Committee member for Sixth Workshop on Analytics for Noisy Unstructured Text Data (AND) collocated with COLING 2013.

**Pushpendra Singh**

• PC Member of ICDIT 2012
• PC Member of IBM Research Showcase

**Government advisory role:** Reviewed 2 DIT projects related to distributed systems and Middleware

**Rajiv Raman**

• Co-Designed the algorithms course for the PhD course at IGNOU
Richa Singh

- Editorial Board Member, Journal of Information Fusion, Elsevier
- Program Committee Member, IEEE International Conference on Face and Gesture Recognition, Shanghai, April 2013
- Program Committee Member, IEEE International Conference on Image Processing, Orlando, October 2012
- Program Committee Member, International Conference on Biometrics: Theory, Applications and Systems, Washington DC, September 2012
- Program Committee Member, Workshop on Biometrics, International Conference on Computer Vision and Pattern Recognition, Rhode Island, June 2012
- Reviewer of several IEEE, Elsevier and other journals and conferences

Government advisory roles:

- Member, Biometrics Committee on Immigration, Visa and Foreigner’s Registration and Tracking, Ministry of Home Affairs and National Information Center
- Member, UID Standards Sub-Committee for Face Recognition

Saket Srivastava:

- TPC member: FIE 2013, ISED 2013,
- Reviewer for DAC 2012, TVLSI, TNANO, ACM-JETC, IET-CDT

Sanjit Krishnan Kaul

- Reviewer for transactions of mobile computing, ISIT, and etc.
- I-CARE 2012 Next-Gen Track co-chair

Srikanta Bedathur Jagganna

- Program Committee member of AND 2012 workshop collocated with COLING 2012, Mumbai; First International Conference on Big Data Analytics (BDA), 2012; PVLDB 2014 (Volume7); ACM CIKM 2013; EDBT 2014; DBRank 2013
- Reviewer for VLDB Journal, IEEE Trans. On Knowledge and Data Engineering
- Co chair of Information Management Track of IBM I CARE 2013
- Work in Progress track chair of COMAD 2013

Ashwin Srinivasan

- Miscellaneous PC memberships, including ILP 2013, ECML 2013
- Special Committee member for the School of Integrative Sciences, JNU
- Board of Studies member of the South Asian University.
K Sriram
- PC member of the conference BIOPPN 2013 (4th International Workshop on Biological Processes & Petri Nets (BioPPN 2013)) in Italy in June 2013.

Subhasis Banerjee
- TPC member: “Workshop on Performance Engineering and Applications (WPEA)” at HiPC 2012
- International PC member: ICIEV 2013, Bangladesh (2nd International conference, IEEE affiliated
many well-known academician from India and abroad are part of PC)
- Elevated to Senior Member, IEEE

Vikram Goyal
- Reviewer: Transaction of Knowledge and Data Engineering (TKDE)
- Program Committee: NCC 2013, BDA 2012
- Publicity Chair: BDA 2012
- Organizing Committee Member: BDA 2012

Vinayak Nayak
- A reviewer for IEEE Transactions on Information Technology in BioMedicine (TITB’13)
- A program committee member of 2013 IEEE International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT), Bangalore, India during 17-19 Jan 2013

Government advisory roles: A member of Expert Committee meeting to finalize the syllabus on Operating System for PhD program in Computer Science, IGNOU, in the meeting held on 20th March, 2013, New Delhi

5 Placement and Internships

IIIT Delhi pulled out all stops to launch a vigorous drive to invite various public and private sector organizations, and R&D labs for campus interviews that resulted in the placement of 81.63% B.Tech. students and 35.71% M.Tech. students in the last academic year. The break-up of the placement statistics is provided below.

5.1 Placements

B.Tech. 2013 Graduating Batch Placement Statistics

Number of B.Tech. students graduating in Year 2013: 56
Number of students registered with T&P (Training and Placement) Cell: 49
Number of students opted-out of placements (internship, dual-degree, higher-study): 7
Number of students secured a job [Percentage Placed]: 40 (40/49=81.63%)
Number of students unplaced = 9 (9/49=18.37%)
Number of overseas offers: 4
Number of India offers: 36
Higher salary (overseas) (4 job offers): 31.17 Lakhs Per Annum (5 Million JPY)
Highest salary (India) (4 job offers): 16 LPA (Lakhs Per Annum INR)
Average salary (excluding overseas and India job offers only, average of 31 offers): 8.03 LPA
Minimum Salary (2 offers): 3 LPA

Number of job offers equal to or above 10 LPA (out of 36 Indian Offers): 11
Number of job offers equal to or above 6 LPA (out of 36 Indian Offers): 22
Number of companies visited campus (or conducted campus recruitment drive): 26


Number of M.Tech. students graduating in May 2013: 33
Number of students registered with T&P (Training and Placement) Cell: 28
Number of students opted out of placements due to confirmed plans of PhD: 5 (5/33 = 15.15%)
Number of students secured a job through T&P Cell [Percentage Placed]: 10 (10/28 = 35.71%)
Number of students unplaced = 18 (18/28 = 64.28%)
Number of overseas offers: 0
Number of India offers: 10

Highest salary (overseas): N/A
Highest salary (India) (1 job offer): 7.0 LPA (Lakhs Per Annum INR)
Average salary (excluding overseas and India job offers only, average of 10 offers): 5.72 LPA
Minimum Salary (1 offer): 3.0 LPA

Number of job offers equal to or above 10 LPA (out of 10 Indian Offers): 0
Number of job offers equal to or above 6 LPA (out of 10 Indian Offers): 7
Number of companies visited campus (including one company that not announced results): 24

**List of Selected Companies Visiting IIIT-D for Campus Recruitment:**
- Accenture
- Accolite
- ADOBE
- AirTight
- Amazon
- CDAC
- Digital Green
- EMC
- Facebook
- Futures First
- Google
- IBM
- Informatica
- Infosys
- KPMG
- Kritical Secure Scan
- Magic Software
- Microsoft
- NISM
### 5.2 Internships by IIIT-D Students

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Student’s Name</th>
<th>Internship</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Neha Bansal</td>
<td>Microsoft Development Center (Bangalore)</td>
</tr>
<tr>
<td>2</td>
<td>Taran Chugh</td>
<td>INRIA, Nancy Grand Est (France)</td>
</tr>
<tr>
<td>3</td>
<td>Lakshay Pandey</td>
<td>Zomato (New Delhi)</td>
</tr>
<tr>
<td>4</td>
<td>Arpan Jati</td>
<td>IIT-Kharagpur &amp; DRDO (Bangalore)</td>
</tr>
<tr>
<td>5</td>
<td>Raghav Sethi</td>
<td>Microsoft Development Center (Hyderabad)</td>
</tr>
<tr>
<td>6</td>
<td>Naman Kohli</td>
<td>University of Houston, Texas, USA</td>
</tr>
<tr>
<td>7</td>
<td>Daksha Yadav</td>
<td>University of Sassri, Italy</td>
</tr>
<tr>
<td>8</td>
<td>Srishti Gupta</td>
<td>University of Buffalo, New York</td>
</tr>
<tr>
<td>9</td>
<td>Arun Kumar Jindal</td>
<td>Microsoft Corporation India, Gurgaon</td>
</tr>
<tr>
<td>10</td>
<td>Chirag Gupta</td>
<td>SimplyLearnt.com</td>
</tr>
<tr>
<td>11</td>
<td>Jatin Kumar</td>
<td>Infosys (Bangalore)</td>
</tr>
<tr>
<td>12</td>
<td>Sudip Mittal</td>
<td>IIIT-Delhi &amp; CDAC-Noida</td>
</tr>
<tr>
<td>13</td>
<td>Tarun Vashishd</td>
<td>Infosys (Hyderabad)</td>
</tr>
<tr>
<td>14</td>
<td>Mayank Pundir</td>
<td>Microsoft Development Center (Hyderabad)</td>
</tr>
<tr>
<td>15</td>
<td>Prachi Jain</td>
<td>ISI, Univ. of Southern California, LA &amp; Bell Labs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dublin, Ireland</td>
</tr>
<tr>
<td>16</td>
<td>Aayush Jain</td>
<td>TCS iLabs, Gurgaon</td>
</tr>
<tr>
<td>17</td>
<td>Aadish Gupta</td>
<td>Infosys (Hyderabad)</td>
</tr>
<tr>
<td>18</td>
<td>Mehek Soni</td>
<td>Infosys (Bangalore)</td>
</tr>
<tr>
<td>19</td>
<td>Akash Vanjani</td>
<td>Microsoft IDC</td>
</tr>
<tr>
<td>20</td>
<td>Anish Kumar</td>
<td>HISP</td>
</tr>
<tr>
<td>21</td>
<td>Lakshay Gupta</td>
<td>HISP</td>
</tr>
<tr>
<td>22</td>
<td>Nikhil Mahajan</td>
<td>Accenture R&amp;D</td>
</tr>
<tr>
<td>23</td>
<td>Nikita Dagar</td>
<td>HISP</td>
</tr>
<tr>
<td>24</td>
<td>Pranav P Raj</td>
<td>Microsoft IDC</td>
</tr>
<tr>
<td>25</td>
<td>Priyanshi Mittal</td>
<td>Infosys-Protege</td>
</tr>
<tr>
<td>26</td>
<td>Rahul Bhatnagir</td>
<td>Infosys-Protege</td>
</tr>
<tr>
<td>27</td>
<td>Saloni Jain</td>
<td>Infosys-Protege</td>
</tr>
<tr>
<td>28</td>
<td>Saurav Bose</td>
<td>Infosys-Protege</td>
</tr>
<tr>
<td>29</td>
<td>Srishti Grover</td>
<td>HISP</td>
</tr>
<tr>
<td>30</td>
<td>Surabhi Kabra</td>
<td>HISP</td>
</tr>
<tr>
<td>31</td>
<td>Surbhi Jain</td>
<td>TCS Innovation Labs</td>
</tr>
<tr>
<td>32</td>
<td>Suvan Raj</td>
<td>HISP</td>
</tr>
<tr>
<td>33</td>
<td>Shwetang Kumar Shah</td>
<td>Infosys-Protege</td>
</tr>
<tr>
<td>34</td>
<td>Vani Sivasankar</td>
<td>Infosys-Protege</td>
</tr>
</tbody>
</table>
5.3 Internships to other students in IIIT Delhi

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Archit Garg</td>
<td>LNIIT, Jaipur</td>
</tr>
<tr>
<td>2</td>
<td>Mugdha Gupta</td>
<td>LNIIT, Jaipur</td>
</tr>
<tr>
<td>3</td>
<td>Garima Gupta</td>
<td>KUK</td>
</tr>
<tr>
<td>4</td>
<td>Abhinav Johri</td>
<td>LNIIT, Jaipur</td>
</tr>
<tr>
<td>5</td>
<td>Shivam Bhatia</td>
<td>MBM Engineering College</td>
</tr>
<tr>
<td>6</td>
<td>Shivani Jain</td>
<td>MBM Engineering College</td>
</tr>
<tr>
<td>7</td>
<td>Mayank Jain</td>
<td>MBM Engineering College</td>
</tr>
<tr>
<td>8</td>
<td>Anuradha</td>
<td>Vaishno Devi University, Jammu</td>
</tr>
<tr>
<td>9</td>
<td>Bhupendra Singh</td>
<td>Central University of Rajasthan</td>
</tr>
<tr>
<td>10</td>
<td>Pankaj Garg</td>
<td>Central University of Rajasthan</td>
</tr>
<tr>
<td>11</td>
<td>Ankita Jain</td>
<td>MBM Engineering College</td>
</tr>
<tr>
<td>12</td>
<td>Abhishek Kumar</td>
<td>IIT Kharagpur</td>
</tr>
<tr>
<td>13</td>
<td>Ishan Malhotra</td>
<td>Vellore Institute of Technology</td>
</tr>
<tr>
<td>14</td>
<td>Karandeep S Bhatia</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Sivaranjani S</td>
<td>College of Engineering, Chennai</td>
</tr>
<tr>
<td>16</td>
<td>Anurag Gupta</td>
<td>Institute of Engineering &amp; Tech</td>
</tr>
<tr>
<td>17</td>
<td>Divyanshi Verma</td>
<td>Delhi Technological University</td>
</tr>
<tr>
<td>18</td>
<td>Nikhil Agarwal</td>
<td>IIT (BHU)</td>
</tr>
<tr>
<td>19</td>
<td>Shalin Verma</td>
<td>PTU (Punjab)</td>
</tr>
<tr>
<td>20</td>
<td>Richa Choudhary</td>
<td>Delhi Technological University</td>
</tr>
</tbody>
</table>

6 Awards and Recognition

Our distinguished faculty members have earned a number of awards and recognitions and continue to make considerable difference in IT and allied domains. These are highlighted below.

6.1 Faculty

- Donghoon Chang, Arnab Kumar, Somitra Kr Sanadhya, “1st and 2nd Preimage Attacks on the reduced version of SHA-3” => (the best poster award of Third Annual Research Showcase of IIIT-Delhi, March 2013)
- Gaurav Gupta received best poster award on work in progress “Mobile Touchscreen Dynamics” at Research Showcase 2013.
6.2 Students

- Ph.D. student Kuldeep Yadav received 2nd prize, Honorary mention in MSR TechVista
- Team led by students – Kuldeep Yadav and Siddhartha Ashthana - won the ‘Whodunnit challenge’ in India
- Ph.D. Student Pandarasamy Arjunan received IBM Ph.D. Fellowship for 2013
- Ph.D. student, Nipun Batra received TCS fellowship
- Ph.D. student Monika Gupta received Prime Minister’s Ph.D. research fellowship
- Ayushi Rastogi - TCS Ph.D. Research Fellowship
- Ph.D. scholar Denzil Correa - Recipient of NIXI Fellowship, and also won a contest at the Planning Commission’s Hackathon
- Ph.D. students Kuldeep Yadav and Siddhartha Ashthana received honourable mentions at MSR TechVista
- Ph.D. student M Hasija received Prime Minister’s Fellowship Scheme for Doctoral Research jointly from CII and DST to work in collaboration with Nokia Research, Finland in January 2013
- Ph.D. student K. Yadav won USD1,000 Google Best Presentation Award given to the best presentation at the Ph.D. Forum
- B.Tech. student N. Juneja got selected for Viterbi-India program at USC for Summer’13 to work with Prof Gaurav Sukhatme on the topic of Cloud-based Smartphone OS in VM
- Summer work of UG students Nikita Juneja and Shruti Kapoor with Dr Pushpendra Singh won first price and that of UG students Kshitiz Bakshi, Nishant Jain and Arjun Ahuja won consolation price (among top 5 out of 30 submissions) at IIIT Delhi Research Showcase 2013
- Srishti (M.Tech.) & Niharika (Ph.D.) received Ist and 3rd best poster awards at IITK Security & Privacy Symposium
- Paridhi & Niharika (both Ph.D. scholars) won best student participation award at IITK Security & Privacy Symposium.
- Ph.D. Scholar Paridhi along with M.Tech. student Neha and B.Tech. student Megha won FICCI’s ‘Strengthening the Policing Contest 2013 – Ensuring Women Safety in India’.

7 Sports

A group of 49 students from IIIT-D led by Abhishek Singh performed stupendously in Twaran-2013, an 11-team sporting extravaganza in Gwalior, claiming gold in women’s basketball and men’s lawn tennis and settling for silver in two other events.

The national sports fest organized by ABVP-IIITM-Gwalior was held from January 24 to 27, with IIIT-D securing third position in the medal tally after IIIT-Gwalior (1st) and IIIT-Kanchipuram (2nd).

Students from IIIT-D took part in cricket, basketball, football, lawn tennis, badminton and table tennis matches, to name a few, and marvelled the viewers with their remarkable performances.
Apart from clinching gold in women’s basketball and men’s lawn tennis events, the IIIT-D team bagged silver in men’s squash and women’s volleyball. The men’s squash match — where IIIT-D got a silver in a hard-fought contest against IIIT-Kanchipuram — witnessed a marathon game as the final set of the second match stretched to 16 deuces with IIIT-D’s Abhishek Singh emerging victorious but IIIT-D eventually lost the third match and the gold to IIIT-Kanchipuram.

Following is the medal list:

- Lawn Tennis (Boys) : Gold
- Basketball (Girls) : Gold
- Squash (Boys) : Silver
- Volleyball (Girls) : Silver

**8 Administration and People**

**8.1 General Council**

**Mr Najeeb Jung**, Chancellor, IIIT-Delhi  
Lt Governor, Delhi  

**Mr Kiran Karnik**, Chairman, Board of Governors, IIIT-Delhi  

**Prof Pankaj Jalote**, Director, IIIT-Delhi  

**Dr Thirumalachari Ramasami**  
Secretary, Department of Science and Technology (DST)  

**Dr Arabinda Mitra**  
Executive Director, Indo U.S. Science and Technology Forum  

**Dr B. K. Gairola**  
Director General, National Informatics Centre  

**Dr V K Saraswat**  
Head, Defence Research and Development Organization (DRDO)  

**Mr Som Mittal**  
President, NASSCOM  

**8.2 Board of Governors**

**Mr Kiran Karnik**, Chairman  
Former President, NASSCOM  

**Dr P Anandan**  
Executive Director, Microsoft Research India  

**Prof Rajeev Sangal**  
Director, IIIT Hyderabad  

**Prof Bijendra N Jain**  
Vice Chancellor, BITS Pilani
Prof Ranjit Roy Choudhary
Former Professor of NII, New Delhi
Chairman, Task Force for Research, Apollo Hospitals Educational and Research Foundation

Dr T V Mohandas Pai
Chairman, Manipal Global Education Services Pvt. Ltd

Sh Shakti Sinha
Principal Secretary - Finance, Govt of NCT, Delhi

Dr Jai Menon
Director, Bharti Airtel Limited

Mr Lalmalswama
Principal Secretary, TTE

Prof Pankaj Jalote, Director
Director, IIIT Delhi

8.3 Senate
1 Prof Pankaj Jalote, Chairman, Director IIIT-D

External Members
2 Prof K K Biswas, IIT-Delhi
3 Prof Dheeraj Sanghi, IIT-Kanpur
4 Prof Dinesha, IIIT-Bangalore
5 Prof Jayanthi Sivaswamy, IIIT-Hyderabad
6 Prof M Chelliah, Yahoo!
7 Mr Mukesh K Mohania, IBM
8 Mr Sanjay Bahl, Microsoft
9 Mr Saugat Sen, Cadence
10 Mr C Anantaram, TCS

Internal Members
11 Dr Amarjeet Singh, Faculty IIIT-D
12 Dr Astrid Kiehn, Faculty IIIT-D
13 Dr Debajyoti Bera, Faculty IIIT-D
14 Dr. Gaurav Gupta, Faculty IIIT-D
15 Dr Pushpendra Singh, Faculty IIIT-D
16 Dr Saket Srivastava, Faculty IIIT-D
17 Dr Shishir Nagaraja, Faculty IIIT-D
18 Dr Somitra Sanadhya, Faculty IIIT-D
19 Dr Subhasis Banerjee, Faculty IIIT-D
20 Dr Vinayak Naik, Faculty IIIT-D
21 Mr Vivek Tiwari, Sitting for Registrar
22 Ms Divya Bansal, UG Students Representative
23 Mr Piyush Yadav, PG Students Representative
8.4 Faculty Members

Full time Faculty:

Alexander Fell
(Assistant Professor)
Ph.D. (2012), Indian Institute of Science, Bangalore, India
Coarse Grain Reconfigurable Architectures (CGRAs), Network-on-Chip,
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Anirban Mondal
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Singapore
Database Management, Multi-dimensional Data Indexing, Mobile Data
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**H. B. Acharya**  
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Wireless Systems, Vehicular Networks, Delay Tolerant Networks, Disaster Management, Intelligent Transportation  
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(Assistant Professor)
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Visiting Faculty  
Prof Ranendra Narayan Biswas  
Former Dean, Research and Development, IIT Kanpur and Former Director, CEERI, Pilani, Electronic Circuits, Microprocessor Architecture, Computer Networking  
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Mr Hemant Kumar  
Founder - Softek Ltd., VP at HCL Tech.  
B.Tech.(1977), IIT Kanpur  
Software Development, Compilers, Databases, Inventory Management and Banking Software.  
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8.5 Staff Members
Mr Ashwani Kumar Kansal - DGM /Registrar (i/c)
Mr Kapil Chawla - Controller of Finance
Mr Sanjay Roy - General Manager (Projects)
Mr Arun Verma – General Manager (Facilities)
Mr Vinod Kumar - PS to Director & Deputy Manager (Res & Dev)
Mr Abir Bhattacharya - Sr System Manager
Mr Amit Shankdhar - Assistant Manager (Finance & Account)
Ms Anuradha Sen - Assistant Manager (Internships & Placements)
Mr Ajay Kumar - Assistant Manager (Store & Purchase)
Mr Anoop Singh - Deputy Manager (HR & Support Service)
Ms Shweta Sachan - Assistant Manager (Systems & Networking)
Mr Vivek Tiwari - Deputy Manager (Academics & Student Affairs)
Mr Rajendra Kumar - Assistant Manager (Library & Information Service)
Mr Kuldeep Singh – Assistant Manager (Academics)
Ms Kiran Mamgain Sharma – Manager (Communications)
Ms Rashmil Mishra - DGM- (Corporate Relations & Placements)
Mr Rahul Gupta - Junior Research Engineer
Ms Sheetu Ahuja – Assistant Manager (Academics)
Mr Sudhir Kumar – Officer (Sports and Students’ Facilities)
9 Infrastructure and Facilities
9.1 Campus Facilities

The Indraprastha Institute of Information Technology established by Delhi Act, 2007 endowed the establishment and incorporation of a non-affiliating and teaching institute at Delhi to facilitate and promote studies, research, incubation and extension work in Information Technology and its application domains, and also to achieve excellence in these and connected fields.

With the above objectives in view, the Government of NCT of Delhi allocated 25 acres of land in the GB Pant Polytechnic Campus to enable the setting up of the IIIT-D permanent campus, which is located behind the Phase III Okhla Industrial Estate at a distance if 1 ½ km (approx.) from the Okhla railway station, South Delhi.

Phase I Construction

The new campus for the IIIT-D, which started its operations from its transit campus at NSIT Dwarka New Delhi, finally came up in Okhla Phase III New Delhi on a plot of 25 acres out of the 65-acre plot of the GB Pant Polytechnic earmarked for the purpose. The IIIT-D started its operations from the new campus from academic session starting July 2012.

The sprawling state of the art campus that is spread out over entire land over the sloppy terrain and buildings developed contoured to the topography of the land was planned to be constructed in three phases.

The Phase I of the Campus with a covered area of 32,500 sqm consists of the following facilities that have been put to use:

- Academic R & D block
- Lecture hall block
- Library cum Information Centre building
- Dining Block
- Boys Hostel
- Girls Hostel
- Faculty Residences
- Service Block
- 2 Nos STP
- Guard rooms

- The entire area is divided into mutually interactive yet separate zones namely the residential areas for faculty, academic areas and the student residential areas connected by connecting pathways with vehicular entry restricted to the peripheries only.

- There is a single G +11 storied faculty residential block with 27 apartments and 1 guest house flat, 1 community event flat and 2 small visiting faculty flats and terrace garden and stilted parking in the residential zone. There are intermittent sprawling greens between the buildings.
• The academic zone comprises separate blocks for Library cum Information Centre in G+3 storied block, the G+2 Lecture hall block, and the G + 5 storied Research & Development block which houses the research labs, faculty seating, administrative and academic heads with their supporting staff.

• The student residential zone comprises separate blocks for the boys hostel G+7 with 350 seats and girls hostel G+4 with 150 seats, and a G +3 Dining block with cafeteria and mess, student activity areas, a fully equipped gymnasium, music and art rooms.

• All the above areas except the faculty residences are served by the district cooling air-conditioning system cooled on selective basis during day/night/peak demand settings, housed in the service block. Use of VFD/VAV controlled systems, heat recovery wheel, temperature-based sensors with BMS controls run air-conditioning efficiently.

• Moreover, the building envelopes are made efficient to insulate from heat using dry cladding in external finishes and Double unit toughened glass of specified thermal resistivity and transmission values in academic areas and AAC blocks in place of regular brickwork in masonry in residential areas and hostels. Use of natural material and minimum use of high energy consuming materials are basic ingredients of the project aimed towards a green building.

• The electrical system on 11KVA supply is provided with a partial load backup from 2x500kva DG sets.

• The entire waste water generated in the campus is recycled using 2x65 kld STP and water so generated will be used for horticulture, flushing and air-conditioning works. The solid waste management is carried out through an NGO for ensuring proper disposal. The rain water is harvested in rain water harvesting pits and shales.

• The entire areas will be protected by fire alarm and fighting equipment as wet risers/sprinklers and latest smoke management systems.

• The telephony and networking is on a backbone of OFC cabling with redundancy using loop and star configurations.

• The entire rock excavated from the areas is broken down and mostly utilized in external development works. Utilization of energy saving lighting systems as CFLs and T5 fixtures, use of non-conventional energy through solar hot water systems with PNG backup reduces power consumption considerably.

• The sports arena has well-lit basket ball court with 5 layers synthetic coating, 2 nos. concrete courts for tennis. Separate courts for badminton for boys and girls hostels, multipurpose sports field, volleyball courts and running tracks would operational shortly.

• The works of construction completed and commissioned for Academic zone and part of students hostels and dining areas were completed in July 2012 for partial occupation and faculty residences and boys’ hostel by March 2013.
The current campus can provide accommodation to about 500 students and 23 faculty members. Its office space is adequate to house 48 faculty members. The lecture hall and lab space can accommodate up to 1000 students.

The present campus is maintained by dedicated teams for Facility Management and Security operations.

**Phase II Construction**

The proposal for Phase-II for construction of another 60000 sqm to cater to 2500 students and 125 faculty has also been taken up with the Department of Training and Technical Education, Delhi Government.

**9.2 Computer Laboratory Facilities**

- No. of Servers 38 (IIIT-10 & Proj-28)
- Total Bandwidth 1GBPS from MKN & 10 Mbps as backup leased line
- Storage SAN and NAS 45.3 TB
- No. of Laptops 116
- No. of Projectors 20
- No. of Desktops 400, No. of clients in Labs, Academic-100 Library-170
- No. of Data cards 17
- Total Network Traffic 454 Mb max on peak hours
- No. of Printers and Scanners 91
- No. of wifi access points 82

**9.3 Library Facilities**

IIIT-D Library and Information Centre provides library and information services to its users including all Students, Ph.D./Research Scholars, Faculty and Staff Members. It supports the teaching, learning and research activities of the institute. The Library and Information Centre is fully automated using RFID Technology with EM Security System.

**Books:**

<table>
<thead>
<tr>
<th>S No</th>
<th>Curriculum Area</th>
<th>No of Books</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Computer Science &amp; Engineering</td>
<td>767</td>
</tr>
<tr>
<td>2</td>
<td>Electronics and Communications Engineering</td>
<td>1153</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics</td>
<td>322</td>
</tr>
<tr>
<td>4</td>
<td>Humanities and Social Sciences</td>
<td>265</td>
</tr>
<tr>
<td>5</td>
<td>Sciences</td>
<td>96</td>
</tr>
<tr>
<td>6</td>
<td>General Books</td>
<td>105</td>
</tr>
<tr>
<td></td>
<td><strong>Total Number of Books</strong></td>
<td><strong>2708</strong></td>
</tr>
</tbody>
</table>
E-Resources (Subscribed through INDEST-AICTE Consortium):

- ACM Digital Library
- Elsevier’s Science Direct
- IEL Online (IEEE/IET Electronic Library)
- Nature Online
- Springer’s Lecture Notes in Computer Science (LNCS)

Magazines/Journals Subscription (Print): 18

Daily Newspapers: 5

DELNET Membership (Network of Libraries)

Services:

- 24 X 7 Open Reading Hall with Wi-Fi Internet Connectivity
- Book Exhibition/Display
- Full text access of subscribed E-Resources
- Institute’s Repository/Archive
- Inter Library Loan (ILL) and Document Delivery (DDS)
- Issue/Return of Books/Periodicals
- New Arrivals
- Online Book Reservation
- Online Catalogue
- Photocopy, Printing and Scanning
- Reference Service
- Scholar’s Cabins
- User Orientation/Awareness Program
- Current Awareness
10 Financials

10.1 Highlights of financial results for the Financial Year 2012-13

<table>
<thead>
<tr>
<th>Income</th>
<th>(Rs in Lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income from Conduct of Programs</td>
<td>833.26</td>
</tr>
<tr>
<td>Interest Income</td>
<td>66.92</td>
</tr>
<tr>
<td>Other Income</td>
<td>63.63</td>
</tr>
</tbody>
</table>

Expenditure

<table>
<thead>
<tr>
<th>Expenditure</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishment</td>
<td>678.32</td>
</tr>
<tr>
<td>Administrative</td>
<td>538.59</td>
</tr>
<tr>
<td>Program Expenses</td>
<td>114.97</td>
</tr>
<tr>
<td>Depreciation</td>
<td>830.18</td>
</tr>
<tr>
<td>Others</td>
<td>33.58</td>
</tr>
</tbody>
</table>

Following have been the related figures of receipts and payment of projects

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipts</td>
<td>458.13</td>
</tr>
<tr>
<td>Expenses</td>
<td>295.71</td>
</tr>
</tbody>
</table>
1. **Basis of Preparation of Financial Statements**

The financial statements of the Institute have been prepared under the historical cost convention, on the accrual basis of accounting, in accordance with Generally Accepted Accounting Principles (“GAAP”) in India. The financial statements are prepared to comply, in all material respects, with all the applicable accounting principles in India. The management evaluates all recently issued or revised Accounting Standards on an ongoing basis.

2. **Use of Estimates**

The preparation of the financial statements in conformity with GAAP requires that the management makes estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent liabilities as at the date of the financial statements and the reported amounts of income and expenses during the reported period. Examples of such estimates include future obligations under employee benefit plans, the useful lives of fixed assets etc. Contingencies are recorded when it is probable that a liability will be incurred, and the amount can be reliably estimated. When no reliable estimate can be made, a disclosure is made as contingent liability. Actual results could differ from those estimates.

3. **Format of Accounts**

For drawing the Balance Sheet (Statement of Sources and Application of Funds), Income & Expenditure Account, Receipts & Payments Statement and connected schedules, the Institute is broadly following the “Uniform Format of Accounting” prescribed for the autonomous bodies by the Ministry of Finance, Govt. of India.

4. **Depreciation/Amortization**

Depreciation/Amortization on assets are provided using the straight-line method based on useful/commercial lives of these assets as estimated by the Management. The amortization method is reviewed at each year end for any significant change in the expected pattern of the economic benefits.

The management estimated useful/commercial lives are as follows:

<table>
<thead>
<tr>
<th>Category of Asset</th>
<th>Life (No. of years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>15</td>
</tr>
<tr>
<td>Furniture &amp; Fixtures</td>
<td>5</td>
</tr>
<tr>
<td>Office Equipment</td>
<td>5</td>
</tr>
<tr>
<td>Motor Vehicle</td>
<td>5</td>
</tr>
<tr>
<td>Library Books</td>
<td>5</td>
</tr>
<tr>
<td>Computers, Laptops, Printers, Mobile Phones etc.</td>
<td>3</td>
</tr>
</tbody>
</table>

Residual value of the asset is kept at 5%.
Individual assets costing less than Rs.0.05 Lakh are depreciated in full in the year of purchase.

5. **Revenue Recognition**

Revenue from Course Fee, Application Form Sale is recognized on provision of services. Interest Income on savings bank and term deposits is recognized on an accrual basis.

6. **Project Funds**

Project funds received by the Institute are reflected separately in Balance Sheet and expenditure on such projects is adjusted against these funds. Project overheads recovery is, however, reflected separately.

7. **Fixed Assets**

Fixed assets are stated at cost of acquisition including taxes, duties, freight and other incidental expenses relating to acquisition and installation. Capital work in progress is stated at cost and includes the cost of fixed assets that are not ready for their intended use at the Balance Sheet date.

8. **Investments**

Investments (fixed deposits) are stated at cost.

9. **Interest Earned on Tied Up Funds**

Interest earned on funds received from Delhi Government for setting up the Institute, being on capital account, is considered as part of General Funds.

10. **Employee Benefits**

    a) **Short-Term Employee Benefits**

    Short-term employee benefits including salaries, social security contributions, short term compensated absences (such as paid annual leave) where the absences are expected to occur within twelve months after the end of the period in which the employees render the related employee service, and non-monetary benefits (such as medical care) for current employees are estimated and measured on an undiscounted basis.

    b) **Defined Contribution Plan**

    Institute’s contributions paid / payable during the year to National Pension Scheme are recognized in the Income & Expenditure Account.

    c) **Defined Benefit Plan**

    Liabilities for gratuity funded in terms of a scheme administered by the Life Insurance Corporation of India are determined by Actuarial Valuation made at the end of each financial year. Provision for liabilities pending remittance to the fund is carried in the Balance Sheet.

    Actuarial gains and losses are recognized immediately in the Income & Expenditure Account as income or expense. Obligation is measured at the present value of estimated future cash flows using a discounted rate that is determined by reference to market yields at the Balance Sheet date on Government bonds where the currency and terms of the Government bonds are consistent with the currency and estimated terms of the defined benefit obligation.
d) Long-Term Liability

Long-term liability for compensated absences is provided based on actuarial valuation of the accumulated leave credit outstanding to the employees as on the Balance Sheet date.

11. Cash and Cash Equivalents

Cash comprises cash on hand and demand deposits with banks. Cash equivalents are short-term balances, highly liquid investments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in value.

12. Inventory Valuation

Stock of stores, stationery and maintenance items etc. is valued at cost.
1. **Capital Commitments**

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advance) is Rs.977.00 Lakh (up to previous year Rs.3366.00 Lakh).

2. **Current Assets, Loans and Advances**

In the opinion of the Institute, the current assets, loans and advances of the Institute have a realizable value to the extent shown in the accounts and the provision for all known liabilities including depreciation are adequate.

3. **Taxation**

The Institute is exempt from taxation.

4. **Projects**

All “Ongoing Sponsored Projects”, Faculty Award Projects and Consultancy Projects are treated as liabilities.

5. During the year IIITD Gratuity Fund Trust has been created to provide gratuity benefit to employees of the Institute. Based on actuarial valuation an amount of Rs.42.93 Lakh has been remitted to the Fund Manager (M/s Life Insurance Corporation India Ltd.) for making the Policy live from 01.01.2013. As on 31.03.2013, actuarial valuation of liability stands at Rs.44.22 lakh. The Fund value as on 31.03.2013 after interest is Rs.43.04 Lakh. Provision of Rs.1.18 Lakh has been created to the extent of shortfall in the Fund Value as on 31.03.2013.

6. During the year an amount of Rs.11.10 Lakh has been deposited to the credit of the Govt. account towards income tax liability on accommodation leased to the faculty during the previous years 2009-10 to 2011-12. The amount has been grouped under the head “Prior Period Expenses” (Schedule-12).

7. **Rent, Rates and Taxes (Schedule-10: Administrative Expenses)** include payment of Rs.16.28 Lakh towards Property Tax for the year 2012-13 in respect of completed buildings of the Campus.

8. During the year land measuring 25 acres at Okhla Phase-III New Delhi allotted to the Institute by the Govt. of NCT of Delhi for developing permanent campus has been mutated in favor of Department of Training and Technical Education, Govt. of NCT of Delhi.

9. The Institute started functioning from its permanent campus in August, 2013. Based on certification of Project Management Consultant value of Capital Work In Progress amounting to Rs.6813.00 Lakh, put to use as in August, 2013 has been capitalized (Schedule-3).

10. Amount of Rs.1421.00 Lakh as on 31.03.2013 reflected as Capital Work In Progress in Schedule-3 (Fixed Assets) is based upon the running bills related to construction of the campus as certified by Project Management Consultant- M/s SHiFt.

11. During the year assets worth Rs.53.70 Lakh have been handed over to NSIT. Depreciated value of assets as on 31.03.2013 has been written off in the books of account.
12. Fee waiver of Rs.10.25 Lakh during the year (previous year-Rs.7.25 Lakh) to students, as per Scheme approved by Board of Governors of the Institute, has been shown separately under Program Expenses (Schedule-12).

13. During the year depreciation on fixed assets has been charged on Straight Line Method (SLM). Adjustment in the value of depreciation has been carried out for years 2008-09 to 2011-12 as per details below. The adjusted amount has been shown in the Income & Expenditure Account under a separate head:

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Depreciation As per SL Method</th>
<th>Depreciation As per WDV Method</th>
<th>Charged to Income &amp; Expenditure Account</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-09</td>
<td>9.26</td>
<td>6.60</td>
<td>2.66</td>
</tr>
<tr>
<td>2009-10</td>
<td>35.86</td>
<td>43.87</td>
<td>-8.01</td>
</tr>
<tr>
<td>2010-11</td>
<td>62.32</td>
<td>50.74</td>
<td>11.58</td>
</tr>
<tr>
<td>2011-12</td>
<td>72.35</td>
<td>50.87</td>
<td>21.48</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>179.79</strong></td>
<td><strong>152.08</strong></td>
<td><strong>27.71</strong></td>
</tr>
</tbody>
</table>

14. Provision of Rs.0.40 Lakh has been created for grant of non-productivity linked (Ad-Hoc) bonus for the year 2012-13 and Rs.26.97 Lakh for liability of the Institute towards accumulated en-cashable leave. The liability for leave en-cashment has been created at present value on 31.03.2013. Fund has been created for meeting the liability. Investments of the Institute have been earmarked to the extent of liability as on 31.03.2013.

15. Fixed Assets worth Rs.68.27 Lakh pertaining to Research Projects have been shown in the Projects’ Balance Sheet. Equivalent liability has been created in favor of the Sponsors. No depreciation on such assets has been charged.

16. The figures of debtors and creditors in the accounts are subject to confirmation.

17. Income & Expenses in the annual accounts are for “on-going” operations of the Institute. All recognized gains and losses have been accounted for.

18. Previous year’s figures have been re-grouped or re-arranged wherever necessary.

19. The Figures in the Receipts & Payments Account, Income & Expenditure Account and Balance Sheet are rounded off to the nearest rupee.

20. Schedules 1 to 14 Forms an integral part of accounts and have been duly authenticated.

For and on behalf of
Indraprastha Institute of
Information Technology, Delhi

(Sd/-)
Controller of Finance

(Kapil Chawla)

For P. Aggarwal & Associates
Chartered Accountants

(Sd/-)
Director

(Pankaj Jalote)

(Sd/-)
Partner

(Pradeep Aggarwal)

M.No.-081984

Date:20.08.2013
## STATEMENT OF SOURCES & APPLICATIONS OF FUNDS

**AS ON 31ST MARCH, 2013**

(Amount in Rs.)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Schedule</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sources of Funds</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest free Loan</td>
<td>1</td>
<td>150,00,00,000</td>
<td>130,00,00,000</td>
</tr>
<tr>
<td>General Fund</td>
<td>1A</td>
<td>-68,773,102</td>
<td>61,82,972</td>
</tr>
<tr>
<td>Projects Fund</td>
<td>2</td>
<td>3,85,58,808</td>
<td>2,12,32,332</td>
</tr>
<tr>
<td>Corpus Fund</td>
<td>2A</td>
<td>2,17,27,059</td>
<td>1,76,01,894</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>149,15,12,765</td>
<td>134,50,17,198</td>
</tr>
<tr>
<td><strong>Application of Funds</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed Assets (Gross Block)</td>
<td>74</td>
<td>75,10,85,097</td>
<td>3,03,32,984</td>
</tr>
<tr>
<td>Less: Depreciation</td>
<td></td>
<td>9,47,35,808</td>
<td>1,51,89,797</td>
</tr>
<tr>
<td>Fixed Assets (Net Block)</td>
<td>3</td>
<td>65,63,49,289</td>
<td>1,51,43,187</td>
</tr>
<tr>
<td>Capital Work in Progess (Incl. advances)</td>
<td>3</td>
<td>30,66,42,902</td>
<td>59,89,68,019</td>
</tr>
<tr>
<td>Investments</td>
<td>4</td>
<td>49,02,20,296</td>
<td>74,31,41,404</td>
</tr>
<tr>
<td>Current Assets, Loans &amp; Advances</td>
<td>5</td>
<td>9,14,09,995</td>
<td>9,37,91,162</td>
</tr>
<tr>
<td>Less: Current Liabilities &amp; Provisions</td>
<td>6</td>
<td>5,31,09,717</td>
<td>10,60,26,574</td>
</tr>
<tr>
<td>Net Current Assets</td>
<td></td>
<td>3,83,00,278</td>
<td>-12,235,412</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>149,15,12,765</td>
<td>134,50,17,198</td>
</tr>
</tbody>
</table>

Significant Accounting Policies &
Notes on Financial Statements 13 & 14

Schedules 1 to 14 form an integral part of
of Financial Statements as per our Audit
Report of even date annexed.

For and on behalf of
Indraprastha Institute of
Information Technology, Delhi

For P. Aggarwal & Associates
Chartered Accountants

Sd/- (Kapil Chawla)  
Controller of Finance

Sd/- (Pankaj Jalote)  
Director

Sd/- (Pradeep Aggarwal)  
Partner

M.No.-081984

Date:20.08.2013
## INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED
### ON 31ST MARCH, 2013

(Amount in Rs.)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Schedule</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programs</td>
<td>8</td>
<td>8,33,26,061</td>
<td>3,84,09,300</td>
</tr>
<tr>
<td>Interest on Deposits / Bank Accounts etc.</td>
<td>8A</td>
<td>66,91,908</td>
<td>24,24,107</td>
</tr>
<tr>
<td>Income from Other Sources</td>
<td>8B</td>
<td>63,41,087</td>
<td>22,58,211</td>
</tr>
<tr>
<td>Prior Period Income</td>
<td>8C</td>
<td>21,532</td>
<td>6,89,722</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>9,63,80,588</td>
<td>4,37,81,340</td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishment</td>
<td>9</td>
<td>6,78,31,768</td>
<td>3,89,73,263</td>
</tr>
<tr>
<td>Administrative Expenses</td>
<td>10</td>
<td>5,04,26,474</td>
<td>1,57,20,323</td>
</tr>
<tr>
<td>Repairs &amp; Maintenance</td>
<td>11</td>
<td>34,33,523</td>
<td>24,50,303</td>
</tr>
<tr>
<td>Programme Expenses</td>
<td>12</td>
<td>1,14,96,650</td>
<td>83,24,153</td>
</tr>
<tr>
<td>Deferred Revenue Expenditure</td>
<td>7</td>
<td>-</td>
<td>24,27,389</td>
</tr>
<tr>
<td>Value of Assets Transferred to NSIT</td>
<td>3</td>
<td>20,04,037</td>
<td>-</td>
</tr>
<tr>
<td>Written-off</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loss on Disposal of Assets (net of gain)</td>
<td>3</td>
<td>10,534</td>
<td>-</td>
</tr>
<tr>
<td>For the year</td>
<td>3</td>
<td>8,02,46,907</td>
<td>50,87,131</td>
</tr>
<tr>
<td>Due to change in Method (refer Note 13)</td>
<td>3</td>
<td>27,70,896</td>
<td>-</td>
</tr>
<tr>
<td>Prior Period Expenses</td>
<td>12A</td>
<td>13,43,696</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>21,95,64,485</td>
<td>7,29,82,562</td>
</tr>
<tr>
<td>Excess of Income over Expenditure</td>
<td></td>
<td>-123,183,897</td>
<td>-29,201,222</td>
</tr>
<tr>
<td>transferred to General Fund</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Schedules 1 to 14 form an integral part of our Financial Statements as per our Audit Report of even date annexed.

For and on behalf of Indraprastha Institute of Information Technology, Delhi

For P. Aggarwal & Associates Chartered Accountants

(Kapil Chawla) (Pankaj Jalote) (Pradeep Aggarwal)
Controller of Finance Director Partner

M.No.-081984

Date:20.08.2013
# RECEIPTS AND PAYMENTS STATEMENT FOR THE YEAR ENDED ON 31ST MARCH, 2013

(Amount in Rs.)

<table>
<thead>
<tr>
<th></th>
<th>Receipts</th>
<th></th>
<th>Payments</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31.3.2013</td>
<td>31.03.2012</td>
<td>31.03.2013</td>
<td>31.03.2012</td>
</tr>
<tr>
<td><strong>I. Opening Balances</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Cash in hand</td>
<td>17,299</td>
<td>58,790</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b) Bank Balance</td>
<td>6,53,49,292</td>
<td>75,68,729</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(c) Investments in Banks</td>
<td>74,31,41,404</td>
<td>60,44,81,895</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(d) Imprest Balances</td>
<td>22,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>II. Loan Received</strong></td>
<td></td>
<td></td>
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<tr>
<td>(a) From Delhi Govt.</td>
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<td>50,00,00,000</td>
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</tr>
<tr>
<td><strong>III. Interest Received</strong></td>
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<tr>
<td>(a) on Banks Fixed Deposits</td>
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<td>3,66,41,939</td>
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<tr>
<td>(b) on Savings Banks Account</td>
<td>27,82,210</td>
<td>17,24,855</td>
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<tr>
<td><strong>IV. Income</strong></td>
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<tr>
<td>(a) Income from Programme</td>
<td>8,31,68,921</td>
<td>3,84,84,300</td>
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<td>(b) other Income</td>
<td>8,59,637</td>
<td>2,90,936</td>
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<td><strong>V. Project Receipts</strong></td>
<td>4,03,60,792</td>
<td>2,31,47,263</td>
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<td><strong>VI. Other Receipts</strong></td>
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<td>2,75,07,073</td>
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<td><strong>Total</strong></td>
<td>120,65,87,087</td>
<td>123,99,05,780</td>
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</tbody>
</table>

For and on behalf of Indraprastha Institute of Information Technology, Delhi

For P. Aggarwal & Associates Chartered Accountants

(Kapil Chawla) (Pankaj Jalote) (Pradeep Aggarwal)
Controller of Finance Director Partner

M.No.-081984

Date:20.08.2013
Schedule 1 : Interest Free Loan from Delhi Govt.

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
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<td>Balance at the end of the year</td>
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Schedule 1A : General Fund

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<tr>
<td>Opening Balance</td>
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<td>Add : Interest Earned on Tied Up Funds</td>
<td>4,91,27,822</td>
<td>5,06,10,898</td>
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<td>Less : Exceeds of Expenditure over Income B/f</td>
<td>-123,183,897</td>
<td>-29,201,222</td>
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<td>Less : Appropriation for Matching of Corpus Funds</td>
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<td>-68,773,102</td>
<td>61,82,972</td>
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Schedules forming part of Balance Sheet
for the period ended 31st March, 2013

Schedule 2 : Project Funds

<table>
<thead>
<tr>
<th>Name of The Project</th>
<th>Balance as on 01.04.2012</th>
<th>Income</th>
<th>Expenses / Adjustments</th>
<th>Balance as on 31.03.2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project &amp; Workshop Funds:</td>
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<td>Consultancy ProjectsCP-001/NASSCOM/JALOTE/001</td>
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<tr>
<td>Sponsored Research Projects</td>
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<td>SRP/02/microsoft/cse/2004-0029-52/jalote 003</td>
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<td>28,308</td>
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<tr>
<td>SRP -15 DST/PK/</td>
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<td>SRP-016/National Geographic/Naik</td>
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<td>SRP-017/Royal Institute/ Dr Rajasen</td>
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<td>46,95,328</td>
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<td>Project</td>
<td>Amount</td>
<td>Expenditure</td>
<td>Income</td>
<td>Excess</td>
</tr>
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<td>---------------------------------</td>
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<td><strong>Workshop Project Funds</strong></td>
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<td>WSP-02/INDO US Workshop/Prof. Jalote/0025</td>
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<td><strong>38,51,637</strong></td>
<td><strong>34,13,972</strong></td>
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<td><strong>Other Funds:</strong></td>
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<td><strong>Faculty Research Grants</strong></td>
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<td>IBM Faculty Award/Nagaraja/020</td>
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<td><strong>2,95,70,759</strong></td>
<td><strong>3,85,58,808</strong></td>
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Excess expenditure over income is adjusted against future receipts.
**Schedule 2A : Corpus Funds**

<table>
<thead>
<tr>
<th>Name of The Project</th>
<th>Balance as on 01.04.2012</th>
<th>Addition</th>
<th>Interest Earned/Accrued</th>
<th>Expenses / Adjustments</th>
<th>Balance as on 31.03.2013</th>
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<tbody>
<tr>
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<td>4,64,879</td>
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<td>29,09,660</td>
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<td>49,00,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>88,89,438</strong></td>
<td><strong>18,00,000</strong></td>
<td><strong>9,29,758</strong></td>
<td>0</td>
<td><strong>1,16,19,196</strong></td>
</tr>
<tr>
<td><strong>Research Travel Funds Cont. Received:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S.D.Shibulal Research Travel Fund</td>
<td>24,44,657</td>
<td></td>
<td>4,64,879</td>
<td>0</td>
<td>29,09,536</td>
</tr>
<tr>
<td>Prof. Pankaj Jalote Research Travel Fund</td>
<td>23,73,910</td>
<td></td>
<td>9,30,528</td>
<td>0</td>
<td>33,04,438</td>
</tr>
<tr>
<td>Institute’s Matching Cont. from General Fund</td>
<td>38,93,889</td>
<td></td>
<td>0</td>
<td>0</td>
<td>38,93,889</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>87,12,456</strong></td>
<td><strong>0</strong></td>
<td><strong>13,95,407</strong></td>
<td><strong>0</strong></td>
<td><strong>1,01,07,863</strong></td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>1,76,01,894</strong></td>
<td><strong>18,00,000</strong></td>
<td><strong>23,25,165</strong></td>
<td><strong>0</strong></td>
<td><strong>2,17,27,059</strong></td>
</tr>
</tbody>
</table>

Interest Earned/Accrued includes interest of Rs. 7,30,195/- pertaining to the year 2011-12.
<table>
<thead>
<tr>
<th>Particulars</th>
<th>SLM Life</th>
<th>Opening Balance as on 01.04.12</th>
<th>Additions During the Year</th>
<th>Deduction / Adjustments During the Year</th>
<th>Total as on 31.03.2013</th>
<th>Upto 31.03.2012</th>
<th>During the Year</th>
<th>Deduction / Adjustments***</th>
<th>Upto 31.03.2013</th>
<th>As on 31.03.2013</th>
<th>As on 31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building</td>
<td>15</td>
<td>0</td>
<td>51,89,98,920</td>
<td></td>
<td>0</td>
<td>51,89,98,920</td>
<td>0</td>
<td>3,28,69,932</td>
<td>0</td>
<td>3,28,69,932</td>
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<tr>
<td>Computer**</td>
<td>3</td>
<td>1,12,87,588</td>
<td>1,21,78,795</td>
<td>1,02,800</td>
<td>2,53,63,583</td>
<td>1,05,35,185</td>
<td>-1,245,815</td>
<td>1,55,80,673</td>
<td>97,82,910</td>
<td>27,52,403</td>
<td>0</td>
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<tr>
<td>Equipment*</td>
<td>5</td>
<td>57,04,936</td>
<td>10,21,88,881</td>
<td>26,75,400</td>
<td>10,52,18,417</td>
<td>19,38,549</td>
<td>2,05,60,156</td>
<td>-315,391</td>
<td>2,21,83,314</td>
<td>8,30,35,103</td>
<td>37,66,387</td>
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<tr>
<td>Furniture &amp; Fixture*</td>
<td>5</td>
<td>71,39,801</td>
<td>8,39,09,426</td>
<td>26,94,488</td>
<td>8,83,54,739</td>
<td>16,09,612</td>
<td>1,73,05,025</td>
<td>1,39,835</td>
<td>1,90,54,472</td>
<td>6,93,00,267</td>
<td>55,30,189</td>
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<td>Intangible Assets</td>
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<td>51,99,592</td>
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<td>17,68,851</td>
<td>0</td>
<td>17,08,851</td>
<td>34,90,741</td>
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<tr>
<td>Lab equipment</td>
<td>5</td>
<td>18,94,223</td>
<td>20,35,548</td>
<td></td>
<td>39,29,771</td>
<td>3,86,103</td>
<td>7,45,759</td>
<td>2,56,887</td>
<td>13,88,749</td>
<td>25,41,022</td>
<td>15,08,120</td>
</tr>
<tr>
<td>Office Automation**</td>
<td>5</td>
<td>11,47,216</td>
<td>10,29,036</td>
<td>23,298</td>
<td>21,52,954</td>
<td>4,08,847</td>
<td>4,11,130</td>
<td>2,80,390</td>
<td>11,00,367</td>
<td>10,52,587</td>
<td>7,38,369</td>
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<tr>
<td>Library books</td>
<td>5</td>
<td>11,59,220</td>
<td>7,02,001</td>
<td></td>
<td>18,61,221</td>
<td>3,11,501</td>
<td>3,53,630</td>
<td>1,83,198</td>
<td>8,48,329</td>
<td>10,12,892</td>
<td>8,47,719</td>
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<tr>
<td>Vehicle</td>
<td>5</td>
<td>0</td>
<td>5,900</td>
<td></td>
<td>5,900</td>
<td>1,121</td>
<td>1,121</td>
<td>4,779</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total (A)</td>
<td></td>
<td>3,03,32,984</td>
<td>72,62,48,099</td>
<td>54,95,986</td>
<td>75,10,85,097</td>
<td>1,51,89,797</td>
<td>8,02,46,907</td>
<td>-700,896</td>
<td>9,47,35,808</td>
<td>65,63,49,289</td>
<td>1,51,43,187</td>
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<tr>
<td>Capital Work in Progress</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital work in Progress (CWIP)</td>
<td></td>
<td>45,09,70,309</td>
<td>37,24,20,239</td>
<td>68,12,63,309</td>
<td>14,21,27,239</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>14,21,27,239</td>
<td>45,09,70,309</td>
<td>0</td>
</tr>
<tr>
<td>Advance against CWIP</td>
<td></td>
<td>14,79,97,710</td>
<td>1,65,17,953</td>
<td></td>
<td>0</td>
<td>16,45,15,663</td>
<td>0</td>
<td>0</td>
<td>16,45,15,663</td>
<td>14,79,97,710</td>
<td>0</td>
</tr>
<tr>
<td>Total (B)</td>
<td></td>
<td>59,89,68,019</td>
<td>38,89,38,192</td>
<td>68,12,63,309</td>
<td>30,66,42,902</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>30,66,42,902</td>
<td>59,89,68,019</td>
<td>0</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td>62,93,01,003</td>
<td>111,51,86,291</td>
<td>68,67,59,295</td>
<td>105,77,27,999</td>
<td>1,51,89,797</td>
<td>8,02,46,907</td>
<td>-700,896</td>
<td>9,47,35,808</td>
<td>96,29,92,191</td>
<td>61,41,11,206</td>
</tr>
<tr>
<td>Previous Year</td>
<td></td>
<td>16,45,70,740</td>
<td>31,67,32,553</td>
<td>0</td>
<td>48,13,03,293</td>
<td>1,01,21,368</td>
<td>50,87,131</td>
<td>18,702</td>
<td>1,51,89,797</td>
<td>46,61,13,496</td>
<td>15,44,49,372</td>
</tr>
</tbody>
</table>

* Includes Value of Assets Transferred to NSIT Written-off.

** Includes Gross Value of Assets Disposed off.

*** Includes adjustment on account of change in method of depreciation (refer Note 13)
Indraprastha Institute of Information Technology-Delhi  
Okhla Phase-III  
New Delhi-110020

Schedules forming part of Balance Sheet  
for the period ended 31st March, 2013

Schedule 4 : Investments  
(Amount in Rs.)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDs with Andhra Bank</td>
<td>10,10,93,084</td>
<td>32,69,76,908</td>
</tr>
<tr>
<td>FDs with Bank of India</td>
<td>27,00,00,000</td>
<td>35,00,00,000</td>
</tr>
<tr>
<td>FDs with Dena Bank</td>
<td>10,00,00,000</td>
<td>-</td>
</tr>
<tr>
<td>FDs with IDBI Bank</td>
<td>-</td>
<td>6,00,00,000</td>
</tr>
<tr>
<td>Reserch Projects:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FDs With Andhra Bank</td>
<td>61,89,502</td>
<td>61,64,496</td>
</tr>
<tr>
<td>FDs With HDFC Bank</td>
<td>1,20,37,710</td>
<td>-</td>
</tr>
<tr>
<td>Bank Account (IIITD)</td>
<td>9,00,000</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>49,02,20,296</strong></td>
<td><strong>74,31,41,404</strong></td>
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</tbody>
</table>

Schedule 5 : Current Assets, Loans and Advances  
(Amount in Rs.)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest Accrued on Fixed Deposits</td>
<td>3,40,30,891</td>
<td>2,42,90,167</td>
</tr>
<tr>
<td>Stock of Consumable Items</td>
<td>15,99,071</td>
<td>2,19,823</td>
</tr>
<tr>
<td>Prepaid expenses</td>
<td>22,51,056</td>
<td>17,75,240</td>
</tr>
<tr>
<td>Advances to Parties</td>
<td>7,50,125</td>
<td>604</td>
</tr>
<tr>
<td>Advances To Staff</td>
<td>28,14,712</td>
<td>3,96,975</td>
</tr>
<tr>
<td>TDS Receivable</td>
<td>6,12,332</td>
<td>4,07,018</td>
</tr>
<tr>
<td>Other Recoverables</td>
<td>53,87,484</td>
<td>13,34,744</td>
</tr>
<tr>
<td>Security Deposits</td>
<td>51,45,029</td>
<td>-</td>
</tr>
<tr>
<td>Sundry Debtors (Receivable from Students)</td>
<td>1,57,100</td>
<td>-</td>
</tr>
<tr>
<td><strong>Cash and Bank Balances:</strong></td>
<td><strong>9,14,09,995</strong></td>
<td><strong>9,37,91,162</strong></td>
</tr>
</tbody>
</table>

66
### Schedule 6: Current Liabilities & Provisions

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Liabilities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duties &amp; Taxes</td>
<td>64,50,700</td>
<td>70,69,505</td>
</tr>
<tr>
<td>Tender EMDs</td>
<td>90,800</td>
<td>20,56,000</td>
</tr>
<tr>
<td>Outstanding Liabilities</td>
<td>80,82,021</td>
<td>32,58,266</td>
</tr>
<tr>
<td>Security Deposits</td>
<td>1,21,93,858</td>
<td>50,20,577</td>
</tr>
<tr>
<td>Security Deposits (Hostel)</td>
<td>15,87,000</td>
<td>9,70,000</td>
</tr>
<tr>
<td>Withheld Amounts</td>
<td>30,01,177</td>
<td>11,10,152</td>
</tr>
<tr>
<td>Caution Deposits</td>
<td>29,96,864</td>
<td>18,50,000</td>
</tr>
<tr>
<td>Sundry Creditors</td>
<td>1,42,22,843</td>
<td>8,21,72,064</td>
</tr>
<tr>
<td>AICTE Scholarship</td>
<td>-</td>
<td>9,04,000</td>
</tr>
<tr>
<td>NPS Contribution Payable</td>
<td>7,35,035</td>
<td>3,215</td>
</tr>
<tr>
<td>Other Liabilities (Hostel &amp; Mess Fee)</td>
<td>8,95,049</td>
<td>2,44,234</td>
</tr>
<tr>
<td><strong>Provisions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Provision for NPS Liability</td>
<td>-</td>
<td>13,68,561</td>
</tr>
<tr>
<td>Provision for Gratuity (refer Note 5)</td>
<td>1,17,932</td>
<td>-</td>
</tr>
<tr>
<td>Provision for Accumulated Earned Leave (refer Note 14)</td>
<td>26,96,438</td>
<td>-</td>
</tr>
<tr>
<td>Provision for NPL Bonus (refer Note 14)</td>
<td>40,000</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,31,09,717</strong></td>
<td><strong>10,60,26,574</strong></td>
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</table>

### Schedule 7: Deferred Revenue Expenditure

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Civil Work at Transit Campus:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opening Balance</td>
<td>-</td>
<td>9,92,096</td>
</tr>
<tr>
<td>Addition During the period</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Electrical Work at Transit Campus:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opening Balance</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Addition During the period</td>
<td>-</td>
<td>13,75,066</td>
</tr>
<tr>
<td><strong>Lan Networking at Transit Campus:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opening Balance</td>
<td>-</td>
<td>60,227</td>
</tr>
<tr>
<td>Addition During the period</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>-</td>
<td><strong>24,27,389</strong></td>
</tr>
<tr>
<td>Less : 1/2nd Written-off (charged to Income &amp; Expenditure Account)</td>
<td>-</td>
<td>24,27,389</td>
</tr>
<tr>
<td><strong>Balance at the end of the year</strong></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Schedule 8 : Income from Programs

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee from Programs</td>
<td>6,81,62,500</td>
<td>3,71,35,000</td>
</tr>
<tr>
<td>Hostel Fee</td>
<td>1,28,63,616</td>
<td>-</td>
</tr>
<tr>
<td>Sale of Application Forms</td>
<td>22,99,945</td>
<td>12,74,300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>8,33,26,061</strong></td>
<td><strong>3,84,09,300</strong></td>
</tr>
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</table>

Schedule 8A : Interest on Deposits/Bank Accounts etc.

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest on Savings Bank Accounts</td>
<td>27,44,374</td>
<td>16,69,196</td>
</tr>
<tr>
<td>Interest on Mobilization Advances</td>
<td>37,60,186</td>
<td>7,54,911</td>
</tr>
<tr>
<td>Interest on Advance Consumption</td>
<td>1,87,348</td>
<td>-</td>
</tr>
<tr>
<td>Deposit with BSES</td>
<td>66,91,908</td>
<td>24,24,107</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>66,91,908</strong></td>
<td><strong>24,24,107</strong></td>
</tr>
</tbody>
</table>

Schedule 8B : Income From Other Sources

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipt for Withdrawal from Programs</td>
<td>7,33,000</td>
<td>2,38,000</td>
</tr>
<tr>
<td>Donations</td>
<td>1,70,000</td>
<td>1,50,000</td>
</tr>
<tr>
<td>Sale of Tender Forms</td>
<td>18,500</td>
<td>18,000</td>
</tr>
<tr>
<td>Overhead Income From Projects</td>
<td>48,53,242</td>
<td>18,03,420</td>
</tr>
<tr>
<td>Other Receipts</td>
<td>5,66,345</td>
<td>48,791</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>63,41,087</strong></td>
<td><strong>22,58,211</strong></td>
</tr>
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</table>

Schedule 8C : Prior Period Income

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest Accured on Fixed Deposits</td>
<td>-</td>
<td>6,71,020</td>
</tr>
<tr>
<td>HRA Recovery</td>
<td>15,532</td>
<td>-</td>
</tr>
<tr>
<td>Conference Receipt</td>
<td>6,000</td>
<td>-</td>
</tr>
<tr>
<td>Excess Depreciation written back</td>
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<td>18,702</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21,532</strong></td>
<td><strong>6,89,722</strong></td>
</tr>
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</table>
## Schedule 9: Establishment Expenses

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries &amp; Allowances</td>
<td>5,75,75,578</td>
<td>3,56,27,118</td>
</tr>
<tr>
<td>Other Remunerations</td>
<td>17,000</td>
<td>90,000</td>
</tr>
<tr>
<td>Medical Expenses</td>
<td>13,41,372</td>
<td>8,88,247</td>
</tr>
<tr>
<td>Re-location Expenses</td>
<td>15,60,127</td>
<td>9,00,403</td>
</tr>
<tr>
<td>Staff Development Expenses</td>
<td>1,89,914</td>
<td>98,934</td>
</tr>
<tr>
<td>Death-cum-Retirement Gratuity (refer Note 5)</td>
<td>42,93,407</td>
<td>-</td>
</tr>
<tr>
<td>Provisions:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Provision for NPS</td>
<td>-</td>
<td>13,68,561</td>
</tr>
<tr>
<td>Provision for Gratuity (refer Note 5)</td>
<td>1,17,932</td>
<td>-</td>
</tr>
<tr>
<td>Provision for Accumulated Earned Leave (refer Note 14)</td>
<td>26,96,438</td>
<td>-</td>
</tr>
<tr>
<td>Provision for NPL Bonus (refer Note 14)</td>
<td>40,000</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,78,31,768</strong></td>
<td><strong>3,89,73,263</strong></td>
</tr>
</tbody>
</table>

## Schedule 10: Administrative Expenses

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity and Power</td>
<td>1,51,53,735</td>
<td>24,83,911</td>
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<tr>
<td>House Keeping &amp; Maintenance</td>
<td>1,13,56,014</td>
<td>26,09,705</td>
</tr>
<tr>
<td>Security</td>
<td>86,10,295</td>
<td>26,97,686</td>
</tr>
<tr>
<td>Travelling &amp; Conveyance (including Vehicle Hiring)</td>
<td>53,37,637</td>
<td>25,66,335</td>
</tr>
<tr>
<td>Faculty/Staff Recruitment</td>
<td>18,52,698</td>
<td>8,98,939</td>
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<tr>
<td>Rent, Rates &amp; Taxes (refer Note 7)</td>
<td>16,52,970</td>
<td>35,940</td>
</tr>
<tr>
<td>Communication Expenses (Incl. Postage &amp; Telephone)</td>
<td>14,64,309</td>
<td>11,84,836</td>
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<tr>
<td>Meetings Expenses</td>
<td>10,20,154</td>
<td>6,49,107</td>
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<tr>
<td>Printing &amp; Stationery</td>
<td>7,87,308</td>
<td>2,68,720</td>
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<tr>
<td>Legal and Professional Charges</td>
<td>7,60,187</td>
<td>6,73,380</td>
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<tr>
<td>Campus Inauguration Expenses</td>
<td>6,83,165</td>
<td>-</td>
</tr>
<tr>
<td>Convocation Expenses</td>
<td>4,93,953</td>
<td>-</td>
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<tr>
<td>News Paper and Periodicals</td>
<td>3,54,713</td>
<td>1,36,315</td>
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<tr>
<td>Hospitality and Guest House Maintenance</td>
<td>1,84,415</td>
<td>1,27,869</td>
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<tr>
<td>Lease Line Connectivity Expenses</td>
<td>1,68,208</td>
<td>8,27,869</td>
</tr>
<tr>
<td>Miscellaneous Exp.</td>
<td>1,53,053</td>
<td>63,511</td>
</tr>
<tr>
<td>Hiring of Equipment</td>
<td>1,31,919</td>
<td>-</td>
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<tr>
<td>Advertisement</td>
<td>92,273</td>
<td>4,12,261</td>
</tr>
<tr>
<td>Audit (Statutory) Fees</td>
<td>83,084</td>
<td>70,787</td>
</tr>
<tr>
<td>Bank Charges</td>
<td>82,334</td>
<td>13,152</td>
</tr>
<tr>
<td>Amount Written off (Stationary Item)</td>
<td>4,050</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,04,26,474</strong></td>
<td><strong>1,57,20,323</strong></td>
</tr>
</tbody>
</table>
Indraprastha Institute of Information Technology-Delhi
Okhla Phase-III
New Delhi-110020

Schedules forming part of Income and Expenditure Account
during the period ended 31st March, 2013

Schedule 11 : Repairs and Maintenance

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
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</thead>
<tbody>
<tr>
<td>Fee from Programs</td>
<td>6,81,62,500</td>
<td>3,71,35,000</td>
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<tr>
<td>Hardware &amp; Software</td>
<td>24,47,547</td>
<td>16,74,887</td>
</tr>
<tr>
<td>Networking, Web Designing &amp; R&amp;M of Computers</td>
<td>2,683</td>
<td>35,633</td>
</tr>
<tr>
<td>General Repairs &amp; Maintenance</td>
<td>9,83,293</td>
<td>7,39,783</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>34,33,523</strong></td>
<td><strong>24,50,303</strong></td>
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</table>

Schedule 12 : Programs Expenditure

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
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</thead>
<tbody>
<tr>
<td>Honorarium to Visiting Faculty</td>
<td>17,60,605</td>
<td>33,13,527</td>
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<tr>
<td>Students’ Activities / Welfare</td>
<td>8,12,680</td>
<td>14,24,886</td>
</tr>
<tr>
<td>Entrance Test</td>
<td>12,43,779</td>
<td>7,88,719</td>
</tr>
<tr>
<td>Faculty Development</td>
<td>2,38,819</td>
<td>2,09,561</td>
</tr>
<tr>
<td>Stipend &amp; Teaching Assistance</td>
<td>34,28,046</td>
<td>14,03,868</td>
</tr>
<tr>
<td>Online Library System Membership</td>
<td>24,38,328</td>
<td>10,98,353</td>
</tr>
<tr>
<td>Placement Expenses</td>
<td>29,247</td>
<td>23,054</td>
</tr>
<tr>
<td>Lab. Equipment Consumables</td>
<td>49,455</td>
<td>62,185</td>
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<tr>
<td>Fee Waiver to Students (refer Note 12)</td>
<td>10,25,000</td>
<td>-</td>
</tr>
<tr>
<td>Others</td>
<td>4,70,691</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,14,96,650</strong></td>
<td><strong>83,24,153</strong></td>
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</tbody>
</table>

Schedule 12A : Prior Period Expenses

<table>
<thead>
<tr>
<th>Particulars</th>
<th>31.03.2013</th>
<th>31.03.2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Expenses</td>
<td>1,075</td>
<td>-</td>
</tr>
<tr>
<td>Repairs and Maintenance Expenses</td>
<td>1,83,546</td>
<td>-</td>
</tr>
<tr>
<td>Sponsorship (Esya’ 2011) Written-Off</td>
<td>39,200</td>
<td>-</td>
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<tr>
<td>Miscll. (Esya’ 2011) Expenses</td>
<td>10,000</td>
<td>-</td>
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<tr>
<td>Income Tax Liability on Leased Accomodation</td>
<td>11,09,875</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13,43,696</strong></td>
<td>-</td>
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</tbody>
</table>
## Indraprastha Institute of Information Technology-Delhi
Okhla Phase-III, New Delhi-110020

(Project Accounts)

**Balance Sheet as on 31st March, 2013**

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>Amount (Rs.)</th>
<th>Assets</th>
<th>Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project &amp; Workshop Funds:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultancy Projects</td>
<td>44,66,878</td>
<td>Project Assets</td>
<td>68,25,836</td>
</tr>
<tr>
<td>Sponsored Research Projects</td>
<td>1,95,30,242</td>
<td>Earmarked Funds:</td>
<td></td>
</tr>
<tr>
<td>Workshop Project Funds</td>
<td>34,02,972</td>
<td>FDs With Andhra Bank</td>
<td>61,89,502</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FDs With HDFC Bank</td>
<td>1,20,37,710</td>
</tr>
<tr>
<td><strong>Earmarked Funds:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty Research Fellowship</td>
<td>1,16,19,196</td>
<td>In HDFC SB Account (Hemant Bharat Ram FRF)</td>
<td>9,00,000</td>
</tr>
<tr>
<td>Research Travel Funds</td>
<td>1,01,07,863</td>
<td>Receivable from IIITD (Hemant Bharat Ram FRF)</td>
<td>9,00,000</td>
</tr>
<tr>
<td><strong>Other Funds:</strong></td>
<td></td>
<td>TDS Receivable</td>
<td></td>
</tr>
<tr>
<td>Faculty Award Projects</td>
<td>47,71,367</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fellowship Projects</td>
<td>63,87,350</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>1,11,58,717</td>
<td><strong>Current Assets, Loans &amp; Advances:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Current Liabilities:</strong></td>
<td></td>
<td>1. Bank Balances</td>
<td></td>
</tr>
<tr>
<td>Expenses Payable</td>
<td>27,041</td>
<td>Andhra Bank SB Account No. 1778</td>
<td>2,07,01,310</td>
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<tr>
<td>TDS Payable</td>
<td>4,997</td>
<td>HDFC SB Account No. 14</td>
<td>78,14,012</td>
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<tr>
<td><strong>Sponsored Assets:</strong></td>
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<td>HDFC SB ISEC Account No.45</td>
<td>2,63,278</td>
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<tr>
<td>Deptt. Of Information Technology</td>
<td>45,71,786</td>
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<tr>
<td>Deptt. Of Science &amp; Technology</td>
<td>4,87,811</td>
<td>2. Loans and Advances</td>
<td>15,13,085</td>
</tr>
<tr>
<td>Defence Research &amp;</td>
<td>14,67,364</td>
<td>3. Receivable from Microsoft Lab.</td>
<td>3,36,900</td>
</tr>
<tr>
<td>Development Organisation</td>
<td></td>
<td>Research India Pvt. Ltd. IIIT, Delhi</td>
<td>79,62,262</td>
</tr>
<tr>
<td>Indian Institute of Technology, Delhi</td>
<td>56,490</td>
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<tr>
<td>Privacy International (UK)</td>
<td>1,08,507</td>
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<tr>
<td>Royal Institute</td>
<td>1,950</td>
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<tr>
<td>National Geographic Research</td>
<td>92,778</td>
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<tr>
<td>Microsoft India Ltd.</td>
<td>39,150</td>
<td>68,25,836</td>
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<tr>
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</tr>
<tr>
<td></td>
<td>6,71,43,742</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For and on behalf of
Indraprastha Institute of Information Technology, Delhi

For P. Aggarwal & Associates
Chartered Accountants

(Kapil Chawla)  
Controller of Finance  
Date: 20.08.2013

(Pankaj Jalote)  
Director

(Pradeep Aggarwal)  
Partner
M.No.-081984
## Income & Expenditure Account for the period ending 31st March, 2013

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Amount (Rs.)</th>
<th>Particulars</th>
<th>Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Charges</td>
<td>3,582</td>
<td><strong>Institute's Share of Overheads:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>WS-10/DRDO/2013/Dr. Somitra</strong></td>
<td>2,16,500</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SRP-14/DRDO/Dr.Somitra/2011</strong></td>
<td>80,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SRP-28/DST(Ramanujam)/</strong></td>
<td>60,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Prof.Ashwin/12-13</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SRP-21/DST (SERB)/FAST TRACK/</strong></td>
<td>38,102</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dr.Vikram Goel</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SRP-05/DIT-2009/Dr.Richa Singh &amp;</strong></td>
<td>2,23,750</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dr.Mayank Vatsa</strong></td>
<td></td>
</tr>
<tr>
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<td><strong>SRP-22/DST/Fast track/Dr.Richa Singh</strong></td>
<td>97,560</td>
</tr>
<tr>
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<td></td>
<td><strong>SRP-05/DIT-2009/Dr.Richa Singh &amp;</strong></td>
<td>2,23,750</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dr.Mayank Vatsa</strong></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td><strong>SRP-19/DRDO/Dr.Pushpendra Singh</strong></td>
<td>1,40,000</td>
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<td></td>
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<td><strong>WS-12/DRDO/Dr. Pushpendra</strong></td>
<td>31,598</td>
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<td><strong>SRP-31/DIT(ESDSD)/Dr.Pushpendra Singh</strong></td>
<td>3,20,000</td>
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<td></td>
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<td><strong>SRP-18/DIT-Indo US/Dr.Amarjeet Singh</strong></td>
<td>8,30,000</td>
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<tr>
<td></td>
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<td><strong>SRP-27/DRDO/Dr.Saket &amp; Dr.Subhashis</strong></td>
<td>1,83,333</td>
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<td></td>
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<td><strong>SRP-30/2013-14/DIT/Dr.Gaurav Gupta</strong></td>
<td>6,94,000</td>
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<tr>
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<td><strong>SRP-22/DST/Fast track/Dr.Ashish Surekha</strong></td>
<td>28,808</td>
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<td><strong>SRP-07/DIT/DR.PK&amp; DR.SUREKA</strong></td>
<td>2,02,500</td>
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<td><strong>SRP-07/DIT/DR.PK&amp; DR.SUREKA</strong></td>
<td>2,02,500</td>
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<tr>
<td></td>
<td></td>
<td><strong>WS-11/DST/Indo-UK/Dr.P.K</strong></td>
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<td>7,50,000</td>
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<td><strong>SRP-24/MPG/Dr.Srikanta Bedathur</strong></td>
<td>1,00,000</td>
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<td></td>
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<td><strong>FAP-01/DST/Inspire/Dr.Pravesh Biyani</strong></td>
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<td><strong>FAP-02/Inspire/Dr. Angshul</strong></td>
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<td><strong>FAP-03/Inspire/Dr. Sujay Deb</strong></td>
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<td><strong>SRP-25/SERB/Dr.Anirban Mandal</strong></td>
<td>13,228</td>
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<td><strong>FP-03/TCS/Ayushi Rastogi</strong></td>
<td>12,613</td>
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<td><strong>ISG-01/NORAD/Dr.Amarjeet Singh</strong></td>
<td>2,00,000</td>
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<tr>
<td></td>
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<td></td>
<td>48,53,242</td>
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<tr>
<td><strong>Excess of Income Over Expenditure</strong></td>
<td><strong>56,50,777</strong></td>
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<td></td>
</tr>
<tr>
<td>(Adjusted to IIIT, Delhi A/c in Balance sheet)</td>
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<td></td>
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<tr>
<td><strong>Other Misc. Receipts</strong></td>
<td></td>
<td><strong>Interest on Savings Bank Account</strong></td>
<td>8,01,117</td>
</tr>
<tr>
<td><strong>56,54,359</strong></td>
<td></td>
<td></td>
<td><strong>56,54,359</strong></td>
</tr>
</tbody>
</table>

For and on behalf of
Indraprastha Institute of
Information Technology, Delhi

For P. Aggarwal & Associates
Chartered Accountants

(Kapil Chawla) (Pankaj Jalote) (Pradeep Aggarwal)
Controller of Finance Director Partner
Date: 20.08.2013

M.No.-081984