iiit-b
ज्ञानमुत्तमम्

FROM START TO SPEED

FIVE YEARS OF GROWTH

ANNUAL REPORT 2003 - 2004

Contents

From the Director's Desk

This is a historic year when iiit-b moved to its own campus. While the first three batches saw only the ITPL campus, the fourth batch was lucky to operate in both the campuses; the fifth batch was luckier to start completely from the new campus. Of course they also had to live with the pain of the campus in the making. By June 2004 most of the construction was getting over and the institute was ready to receive the sixth batch students to a green campus.

We are making significant additions to the faculty. Hopefully many of the research centers that are under development will bear fruit in the upcoming years. These include C-BIT (Center for Banking in IT), C-TEL (Center for Telecom Research), C-AIT (Center for Automotive IT), C-SE (Center for Software Engineering) and C-IAIT (Center for Industrial Automation and IT).

S. Sadagopan
Director

Introduction

The Annual Report 2003-2004 presents a brief record of the institution's activities during the fifth year (July 2003 - June 2004).

Beginning with the Governing Body particulars, it moves on to the Academic Year Highlights focusing on course offerings, research, placements, industry partnership in research, visiting faculty and visiting research scholars.

A summary of the academic activities of the faculty is provided and key events of the year have been enumerated. Both students and faculty have been enriched by the Special Talks and Lectures delivered by distinguished speakers.

This year too, our graduates were equipped to take on the challenges facing the industry; while others are pursuing their doctoral work in some of the prestigious institutions in the world. All of them have been placed in some of the best companies around the globe. We look forward to see them driving change as we have seen their predecessors do.

Governing Body

Chairman

N.R. Narayana Murthy
Chairman
Infosys Technologies Ltd.

Members

Balu Doraisamy
President
HP India

K.M. Shivakumar, IAS
Principal Secretary to Government,
Information Technology Department,
Government of Karnataka

B.V. Naidu
Director
STPI, Bangalore

K.V. Kamath
MD & CEO
ICICI Bank Ltd.

Kiran Karnik
President
NASSCOM

K Subrahmanian
President and CEO
Covansys India Pvt. Ltd.

R. Ravishankar
CEO
i-flex Solutions

S. Sadagopan
Director
Indian Institute of Information Technology-
Bangalore

Gautam Hegde
CEO
Backend Bangalore

Academic Year Highlights

Batch IV PGDIT Internship

The Internship for the Batch IV students started on 15th December 2003. Over 20 companies participated with on-campus and some off-campus selection. Companies like ABB, Alopa, Tejas and TI participated for the first time this year. Some of the companies like Covansys, Mastek and MindTree offered internship with placement offers.

Batch V PGDIT

The orientation for the batch of 148 students started on August 16, 2003 and the Fall Semester classes commenced on August 18, 2003 in the new campus. The semester was completed by mid December followed by the December vacation. Spring Semester started on January 5, 2004 and lasted till end of April 2004.

Hostel facilities were provided at our new Electronics City campus. Health insurance coverage, library and other resources were also provided as in earlier academic years.

Batch VI PGDIT

The admission process started for Batch VI with the Admission notification in the newspapers in November 2003. The Entrance Test was conducted on March 14, 2004 at a total of eight centers this year. The interviews for short-listed candidates were held at iiit-b on May 5-7, 2004.

The Fee Structure has been maintained with a Tuition Fee of Rs. 50,000/- per semester, and other customary charges for Hostel, Mess and Caution Deposits. Student Scholarships were also available as in earlier years.

Curriculum

The Post Graduate Program in Information Technology (PGPIT) is a four-semester broad-based program in IT going beyond traditional computer science. Apart from imparting technical knowledge, the program provides the managerial skills that are essential in today's knowledge-dominant world.

With the expansion of regular faculty and diversification of visiting faculty, the curriculum and course offerings underwent substantial change for the Batch V students. The Spring Semester course offerings were, in particular, expanded to reflect the changing technology and industry needs, and the availability of special visiting faculty from the industry.

Course Offerings

The following courses were offered during 2003-2004

Course No.	Course Title	Faculty
Semester - I	**(Aug - Dec 2003)**	
IT 500	Foundations of Computing	P C P Bhatt, S Srinath
IT 501	Data Structures & Algorithms	S Srinath
IT 502	Programming Languages	H N Mahabala, K V Dinesha
IT 503	Operating Systems	P C P Bhatt
IT 504	Database Management Systems	S Srinath, Suhas Mallya
IT 505	Computer Architecture	P C P Bhatt
Semester - II	**(Jan - Apr 2004)**	
IT 506	Networking	Debabrata Das
IT 507	S/W Engineering Theory	K V Dinesha, H N Mahabala
IT 508	Finance and Accounting	Hema Krishnamurthy
IT 510	Software Architecture	S Sadagopan, Y Kanetkar
IT 512	Software Engineering Project	K V Dinesha, H N Mahabala
IT 601	RUP/UML/Visual Modeling	KV Dinesha
IT 611	Parallel and Distributed Algorithms	S Srinath
IT 621	Embedded Systems	HN Mahabala
IT 631	Dynamics of IT Industry	P Balaji
IT 645	Service Oriented Application Development	Madhu Gopinathan
IT 646	Security Engineering	Asoke K Talukder
Semester - III		
IT 541	Mobile Computing	Asoke K Talukder
IT 551	Marketing and Strategy	G S Sridhar
IT 602	Advanced Networking	Debabrata Das
IT 603	Advanced DBMS	Tridip Roy Choudhary
IT 604	Advanced Operating Systems	S Nagarajan, D N Prahalad
IT 612	VLSI and DSP	H N Mahabala
IT 625	Extended Enterprise	S Sadagopan
IT 626	Managing Global Software Projects	G Ramesh
IT 627	Application of OR in SCM	A Ravindran
IT 652	Economic and Social Impact of IT	P Balaji
IT 653	IT for Automotive Industry	Asoke K Talukder, Roland Haas
IT 654	IT for Industrial Automation	S S Prabhu, K L S Sharma

Faculty and Staff

Fulltime Faculty

S Sadagopan, Director

K V Dinesha

H N Mahabala

Balaji Parthasarathy

Srinath Srinivasa

P C P Bhatt

Debabrata Das

Asoke Talukder

S S Prabhu

C K Lakshminarayan

A Ravindran

S S Satchidananda

R R Alluri

Arvind Keerthi

G N Srinivasa Prasanna

Adjunct Faculty

Padmini Srinivasan

S Nagarajan

D N Prahalad

Tridib Roy Choudhary

Yashvant P Kanetkar

Gopalaswamy Ramesh

K L S Sharma

Suhas Mallya

Deependra Moitra

Visiting Faculty

Roland Haas

G S Sridhar

Hema Krishnamurthy

S Krishnamurthy

Post Doctoral Fellow

P Vigneswara Ilavarasan

Registrar

C M Abraham

Teaching Assistants

Bhagavath Geetha

Ramana Reddy M V

Ravindra Reddy M

Sarada T

Satyanarayana M

Usha S

Non-Teaching Staff

Durai Murugan M K

Ramadevi S

Sharada Shivram

Somashekariah K

Srinivas Rao B E

Suguna K

Kalirathinam P

Joji Abraham

Faculty Activity

With the expansion in the core faculty last year and wider connections with industry experts, the institute activities have broadened, with wider course offerings, guidance of student theses, collaborative research, new research lab initiatives, and so on. The visiting faculty from industry on sabbatical also participated in teaching new courses, besides adding to the research and seminar activity.

Here is a glimpse of the activities of various faculty members during the year:

Asoke Talukder

Publications

- Paper titled "Implementation of multicasting in an Access Network over Next Generation Internet Protocol" has been accepted by National Communication Conference (NCC2004) (December 2, 2003)

- "Asynchronous Multi Factor Model (AMFM) of Security for MAN" at the IEEE Tencon2003 International Conference (October 16, 2003).

Conferences

- Visited UK for workshops on Ad hoc networks & Next generation networks in Bath, UK, Ubiquitous Computing, in Thornbury, UK & UbiNet, London, UK (October 1, 2003).

Invited Talks

- SCALE 2004 (National Conference on Supply Chain & Logistics Synergies) on "RFID" (June 17, 2004)

- Wipro Technologies on "Is Testing an Art or Science?" (June 9, 2004)

- Gave part of the key note talk about Ubiquitous Computing & Trustworthy Computing and also played role of moderator and discussed on "Wireless Networking – what is there for India & Indians" at The Workshop on "Technology trends in Mobile Computing & Communication"

- Lectures at Sri Jayachamarajendra College of Engineering, Mysore on "Mobility Other Management and Location aware systems" and "Security in today's net-centric ubiquitous digital world" (March 22, 2004)

- Presented a Technical lecture on "Ubiquitous Computing – the next wave" at Vijayanagar Engineering College, Bellary (December 26, 2003)

- Lecture at M S Ramaiah Institute of Technology on "3G Networks and Applications" (December 22, 2003)

- Lecture on "CDMA and Wireless Security" in the "AICTE Sponsored Staff Development Programme on Cryptography and Secure Communications" at Vellore Institute of Technology (December 6, 2003)

- Talk at National Law School in the Short-term Training programme on "Internet law and policy issues" for the Sri Lankan Senior Law Officers on "Architecture of the Internet" (December 2, 2003)

Balaji Parthasarathy

Workshops/Seminars Conducted

- "A Historical Perspective on Innovation and its Social Impact" , **International Conference on Open and Learning**, University of Mauritius, Mauritius, December 7-13, 2003

Publications

- "Globalising Information Technology: The Domestic Policy Context for India's Software Production and Exports". **Iterations: An Interdisciplinary Journal of Software History** (May 3, 2004)

Conferences

- The 1st ASIALICS Conference on "Innovation Systems and Clusters in Asia: Challenges and Regional Integration", Bangkok, Thailand, (April 1-2, 2004)

Invited Talks

- "Innovation in Software Development and Production". Air Force Technical College, Jalahalli, Bangalore, (February 28, 2004)

Committees

- iiit-b Committee on Admissions, Scholarships

Projects and Consultancy

2004-06 Leverhulme Trust, UK

- Project: Small ICT Firms in Developing Countries: An Analytical Case Study of India (co-investigator: P. Vigneswara Illavarasan)

- Duration: 1 April 2004 to 31 March 2006

- Funding: 23,000 Pounds (approximately Rupees 17.25 lakhs)

2004-06 Ministry of Information Technology (MIT), Government of India

- Project: Information and Communications Technologies for Development:

- A Comparative Analysis of Impacts and Costs from India

- Duration: March 2004 – December 2004 (Phase 1 of project)

- Funding: Rs.23.47 lakhs (Rs.15.56 lakhs from MIT, rest from private industry)

Academic Services

- Supervising PGPIT Thesis of Janaki Srinivasan (January - July 2004)

- Referee, "Environment and Planning, an Economic Geography"

Debabrata Das

Workshops

- Organised "Technology trends in Mobile Computing and Communications", being held by iiit-b and BNMIT, Bangalore (April 10, 2004)

- "Ubiquitous Computing" London College, UK

Invited Talks

- Technology trends in mobile communication, "Evolution of Cellular Communication from 1st to 4th Generation", Bangalore (April 10, 2004)

- "Virtual Connectivity and ATM", iiit-b Hubli

- "Convergent Networks", BVB Engineering College, Hubli

- "VoIP Trends in networking", SDM College of Engineering, Dharwad

Committees

- "Technology Trends in Mobile Computing and Communication", organised by iiit-b and BNMIT, Bangalore (April......)

- Technical Committee of AACC 2004.

- Curriculum Committee, iiit-b

Publications

- V. Dosi, D. Das, et. al., "Internet Protocol: Prospects and Challenges in 21st century", Presented in International Conference on Information Technology, Sept. 2003.

- S. Naudiyal, D. Das, et al, " Implementation of multicasting over an access network by next generation internet protocol", Jan. NCC2004.

- J. Venkataraman, V. Raghavan, D. Das and A. Talukder, "Trust and Security Realization for Mobile Users in GSM Cellular Networks", Communicated to International Conference AACC 2004.

Projects Supervised

- Developed Intranet SIP Server

- Developed Intranet IPv6 Router

- Proposed a novel wireless DCF-MAC protocol, whose simulation performance seems to be better than IEEE standardized DCF, at high load.

Other Activities

- Hostel warden of iiit-b.

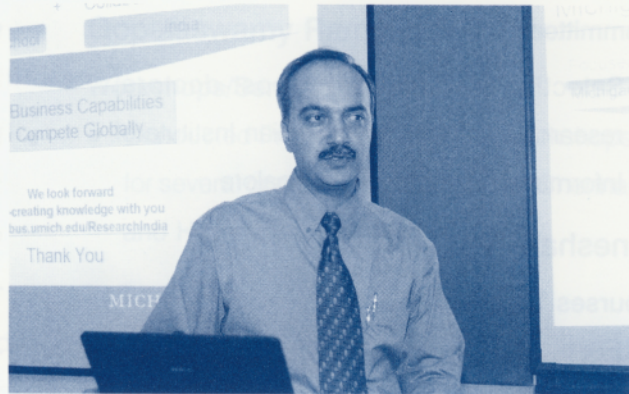- IEEE student branch-counsellor at iiit-b.

Deependra Moitra

Publications

- Executive Commentary (invited). In response to "Building Internet Generation Companies: Lessons from the Front Lines of the Old Economy." (C. Tucci and P. Brews.) Academy of Management Executive, Vol. 17, No. 4, November 2003.

- "Global Innovation Exchange: Realizing Extended Innovation in R&D," Research Technology Management, forthcoming, July 2004 (with Mohan Babu Krishnamoorthy)

- "Evolving a Pervasive IT Infrastructure: A Technology Integration Approach," Journal of Personal and Ubiquitous Computing, Vol. 8, Issue 1, February 2004, pp. 31-41 (with Puneet Gupta)

- "Web Services and Multi-Channel Integration: An Experiential Study," accepted for publications in the IEEE International Conference on Web Services, 2004, July

2004, San Diego, California, USA (with Jai Ganesh and Srinivas Padmanabhuni)

- "Managing Organizational Change for Software Process Improvement," invited chapter in: Software Process Modeling, N. Juristo and S. Teresita Acuna (Eds.), Kluver Academic Publications, forthcoming, 2004.

Editorial Committees

- International Journal of Innovation and Technology Management
- Journal of Systems and Software
- International Journal of Business Process Integration and Management
- International Journal of Web Services
- Journal of Personal and Ubiquitous Computing
- Knowledge Management Research and Practice
- International Journal of IT Standards and Standardization Research
- Journal of Information & Knowledge Management
- International Journal of Enterprise Information Systems
- International Journal of Intelligent Information Technologies

Conferences

- Co-Chair, Mini Track on "Web Services and Flexible Business Processes," AMCIS 2004 (Americas Conference on Information

Systems) New York, USA, August 2004.

- Member of the Program Committee, IEEE International Conference on Web Services, 2004, San Diego, USA, July 2004.

- Member of the Program Committee, International Engineering Management Conference 2004, 18 - 21 October 2004, Singapore and Chair of a special session on R&D Globalisation

- Member of the Advisory Committee, ICONIP - 2004 11th International Conference on Neural Information Processing November 22-25, 2004, Science City, Calcutta

Invited Talks/Lectures

- "Evolving a Pervasive IT Infrastructure: A Technology Integration Approach," IEEE Pervasive Computing Workshop, Hyderabad, October 2003.

- "To Hell with Processes: Understanding Culture Clash and Real Quality," Software Process Improvement Network, Bangalore, May 2004

Committees

- Selection Committee for post-doctoral research fellowship at the Indian Institute of Information Technology, Bangalore

Dinesha K V

Courses Taught

- Fall Semester

- Taught IT-601 - Software Engineering
  IT-613 - OOAD, UML, RUP

Workshops / Corporate Training

- Workshop on " Brainstorming session for the establishment of a **Industry/University Cooperative(India) Software Engineering Research Center** (ISERC)" at BITS Pilani on (November 15, 2003)

- 'Introduction to Object Oriented Analysis and Design', Accenture

  - Batch 1
    Bangalore, August 22-23, 2003

  - Batch 2
    Bangalore, October 17-18, 2003

  - Batch 3
    Bangalore, October 15-16, 2003

  - Batch 4
    Mumbai, January 19-20, 2004

  - Batch 5
    Bangalore, February 2, 2004
    (full day), February 3-4, 2004
    (half day)

  - Batch 6
    Hyderabad, May 28-29, 2004

- Half day corporate training on " Quality in Software development" for Byte Consutants on March 3, 2004

- Three days workshop (at Delhi) on June 9-11, 2004 on "Customer acceptance test criteria, maintainability of the software, Code walkthrough" related to the software developed by Indegene for National Health Information Collaboration Project of World Health Organization - India division.

Committees

- Member of Selection Committee, NCST Bangalore (December, 2003)

- Member of Selection Committee, R V College of Engineering - Bangalore (February, 2004)

- Member of team to "Validate the function point calculation by HTMT" for Ashok Leyland Limited (in last week of March 2004)

- Chairman, selection committee of students for the V th batch students(May 2004)

- Expert member of the evaluation committee to evaluate the work of a staff member at Technical Officer Grade I in the Center for Ecological Sciences at IISc, Bangalore (May 14, 2004)

Publications

- " Ranking and unranking of Semi Standard Young Tableau for a partition of an integer n using m symbols" by K V Dinesha, P C P Bhatt, in the forthcoming issue of **International Journal of Computer Mathematics**.

Projects

- JAGRUTI - a software platform for JANAGRAHA. (19 students)

- SAMATVAM - a medical software for diabetic clinic. (5 students)

- Automate requirement capturing. (10 students)

Consultancy

- Backend Bangalore Pvt. Ltd.

- HTMT / Ashok Leyland (March, 2004)

- National Health Information Collaboration Project World Health Organization - India

Other Activities

- In-charge of the Rational SEED program for the institute

- "Chandana, live phone-in program" by Bangalore Doordarshan titled "Hello Geleyare" August 30, 2003.

Gopalaswamy Ramesh

Workshops/Seminars Conducted

- Conducted Project Management workshops for several companies in Bangalore, Chennai and Hyderabad.

Invited Talks

- "Evolution of Global Teams", HCL Perot Systems

- "Software Maintenance" at HCL Technologies

- "Software Maintenance" at SPIN, Chennai

Committees, Conferences

- Advisory Board Member, "International Conference on Project Management", QSIT

- Advisory Board Member "International Conference on Project Management", QAI

- Plenary speaker at International SEPG Conference at Hyderabad

- Plenary speaker at QSIT's International Conference on Project Management at Bangalore

- Plenary speaker at National Summit on Software Testing, Chennai

- Organizing committee member, driver for National Summit on Software Testing, Chennai

- Chair of panel on "Software Quality, Myth or Reality" at Bombay Management Association

- Keynote speaker in Software Quality conference organised by Bombay Management Association.

- Member of panel "Quality Careers and Challenges", STEP IN International Testing Conference, Bangalore

- Advisory board of International Testing Conference

- Steering Committee member, SPIN, Chennai

- Invited panelist on Next Generation Project Management, organised by SPIN, Bangalore

- Keynote speaker for Faculty Development Program for Software Engineering teachers of colleges affiliated to Anna University

- Chair of Panel on Quality Certifications, NASSCOM and SPIN, Chennai.

Publications

- Chinese translation of the national award winning book, Managing Global Software Projects, was released by McGraw Hill, China.

- E-learning kit of Managing Global Software Projects

S S Prabhu

Invited Talks

- National Workshop on Communication Protocols for Power System Automation, Central Power Research Institute, Bangalore January 22-23, 2003

- National Seminar on Power System Data Repository and Load Research, Central Power Research Institute, Bangalore. Chaired a panel discussion session. November 20-21, 2003

- UGC-SWRO National Conference on Technology Enabled Teaching and Learning, November 3-5, 2003, iiit-b. Delivered an invited talk.

S. S. Satchidananda

Invited Talks

- Dr. S. S. Satchidananda, Research Director of CBIT participated in the e-governance Roundtable organized by SKOCH Consultancy at New Delhi on 19th March 2004 and, further, he conducted **Financial Technologies Summit**, Mumbai, June 15, 2004 on the theme of "Implementing Risk Management in Banks".

- Bangalore Management Association, "Challenges of improving rural credit delivery".

- IngVysya Bank "Operational Risk Management, Regulatory Framework of Financial Services in India and Basel II".

P. Vigneswara Ilavarasan

Publications

Do Information Technology Organisations offer Egalitarian Workplaces? : Some positive observations from India. 2003. Proc. of the International Conference on Women in the Digital Era: Opportunities & Challenge. Annamalai University, India, 10-12 December. Vol.4: 1299-1307.

Conferences

"Work Distribution in Indian Software Firms: Revisiting Division of Labor in Network Economy"

13th IIRA World Congress, Berlin, Sept. 8-12, 2003. (Communication paper)

Invited Talks

"Enhancing Productivity of Small Software Firms", Lecture delivered at the Dept. of Humanities and Social Sciences, Indian Institute of Technology Kanpur, January 1, 2004.

Projects and Consultancy

Co-investigator, Small ICT firms in developing countries: an analytical case study of India, Project funded by the Leverhulme Trust, UK.

Other Activities

- Member, Program Review Committee, Academy of Management's Management Education and Development Division.

- Listed Researcher, Global Development Network, www.gdnet.org

Srinath Srinivasa

Publications

- Dina Goldin, Srinath Srinivasa, Vijaya Srikanti, "Active Databases as Information Systems", Proceedings of the 8th International Database Engineering and Applications Symposium (IDEAS '04), Coimbra, Portugal, IEEE Computer Society Press, July 2004, pp

- Srinath Srinivasa, "Service Mismatches and Service Integration", Proceedings of the Second Workshop on Software Design and Architecture (SoDA '04), Bangalore, India, January 2004.

- Srinath Srinivasa, Sujit Kumar, "A Platform Based on the Multi-Dimensional Data Model for Analysis of Bio-Molecular Structures", Proceedings of VLDB 2003, Berlin, Germany, September 2003, pp

- Sujit Kumar, Srinath Srinivasa, "A Database System for Storage and Fast Retrieval of Structure Data: A Demonstration", Proceedings of ICDE 2003, IEEE Computer Society Press, Bangalore, India, 2003, pp

Invited Talks

- "Interactive Systems: Principles and Architectures", Tutorial at the Second Workshop on Software Design and Architecture (SoDA '04), Bangalore, India, January 2004.

Externally Supported Research Projects

- **AnMol**: A Platform for Analysis of BioMolecular Structures. In conjunction with C L Infotech Pvt. Ltd., the objective of this project is to develop a computational platform that forms an OLAP engine for bio macromolecules. A concept called "structure

vectorization" has been introduced that hashes molecular structures onto one or more multi-dimensional vectors and uses concepts from MOLAP to manage this data.

- **PLAN**: A coordination overlay for building a service-oriented Internet (May 2004 - till date) In conjunction with PlanetLab, a global overlay network for the internet, the objective of this project is to design and implement a layer in the networking stack that manages coordination of different activities being performed over a wide-area distributed system like the Internet. As the Internet is beginning to be seen more as a collection of services rather than a collection of pages, the issue of coordination is likely to become more and more acute in the coming years.
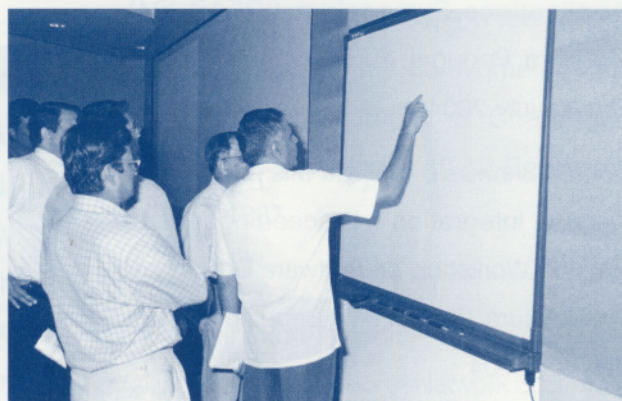
S Sadagopan

Conferences

- Organiser, "Telematics in Transportation", March 7- 9, 2003
- "SCALE 2004", Supply Chain Conference, June 18 - 19, 2004

Conference Talks

- June 18, 2004, Valedictory address, SCALE 2004, "National Conference on Supply Chain & Logistics Synergies" by IIMM & iiitb
- April 15, 2004, Microsoft Academia Summit, Bangalore, "Up-scaling Higher Education in India"
- April 10, 2004, BNM Institute of Technology, "Technology Trends in Mobile Computing & Communication"

- January 20, 2004, "IPv6 Forum", Bangalore, Action Plan for IPv6 in India,
- November 28, 2003: "Empowering Power Sector through IT", Power Grid Corporation of India Ltd. New Delhi
- November 26, 2003: "Security Strategist Awards at Technology Senate 2003" Indian Express Group, Kochi
- November 20, 2003: "Software development over time" BorCon (Borland India Developer Conference)
- November 18, 2003: "Learning Models for the future", National HRD Meet
- November 13, 2003: "Building Intellectual Capital", Digital GlobalSoft Technology Conference
- September 18, 2003: "Education for ITES-Challenges for Tamil Nadu," CONNECT 2003
- August 29, 2003: "Challenges for Indian software industry", Stanford ATI organised at Infosys HQ
- August 21-24, 2003: "Security – A Consultant Perspective", Symantec Partner Annual Meet, Dubai

- August 8, 2003: "Indian IT Industry – Changing landscape" & "Global IT Projects – Opportunities & Challenges", ITPFK Seminar

- August 7, 2003: Talk at TI India 7th Technical Conference

Invited Talks

- June 27, 2004, Vellore Institute of Technology Alumni Association Bangalore Chapter, "The changing landscape of Software Production"

- May 30-31, 2004, Microsoft India, Goa (MVPs), "India Advocates Program"

- May 17, 2004, Institution of Engineers "World Telecom Day – What does it mean for India?"

- April 23, 2004, National Chemical Laboratory, Pune, "Information Management and Knowledge Enterprises"

- April 16, 2004, Planet Asia, Bangalore , Annual Day Lecture, "Changing Nature of Indian IT Industry"

- March 11, 2004, Buenos Aires, Argentina, Business School Talk, "Technology Changes Business"

- March 9, 2004, Buenos Aires, Argentina, Public Talk, "Poverty Reduction thru IT"

- March 9, 2004, Buenos Aires, Argentina, Microsoft CIO Breakfast Talk – "Soul of Indian IT Industry"

- January 23, 2004, "Open Source - Panel Discussion", Delhi

- January 17, 2004, Ramco Systems, Global Sales Heads Meet, Chennai – "Changing role of Enterprise Systems"

- January 14, 2004, Ness Technologies Annual Global Meet, Bangalore –"Geek Mythology – Why India for MNC Operations?

- January 13, 2004, PeopleSoft Heads of Practice Meet, Bangalore – What is next in Enterprise Software?

- January 7, 2004 – Bentley College, USA MBA Students and Faculty, Dinner Talk – "Interactive Session on IT in India", Bangalore

- December 19, 2003: Lecture at Kalasalingam Engineering College, Srivilliputur

- December 4, 2003: Lecture at the National Law School

- October 17, 2003: Keynote address at Foundation Day of Axes Technologies, Golden Spa, Tumkur

- August 28, 2003: "IT for decision making in Government" Indian Institute of Public Administration

- July 7, 2003: "Soul of IT" to district officials at the Collectorate, Cuttack.

- July 1, 2003: Talk at Foundation Day of National Dairy Research Institute, Bangalore

Consulting

- NTPC, Delhi

- GAVS, Chennai

- Ramco Systems, Chennai

- KSFC, Bangalore

- Government of Karnataka

- Idea Factory, Argentina

Membership - Academic Bodies

- IBAB
- BITES
- VIT Academic Council
- IDPAD

Membership - Committees

- TIFAC CAR (Core Committee on Automotive Research)
- ICADL

Board Membership - Corporations

- Bank of India
- NMDC
- Tata Elxsi
- Visual Soft
- KEONICS
- KBITS

Editorial Board

- Journal of Information Management
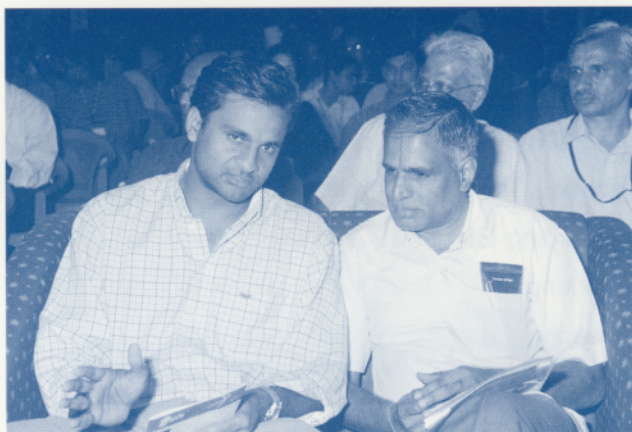- OPSEARCH
- University of Mauritius Science & Technology Journal

Writings

- June 30, 2004, Economic Times, "Walking the talk on IT"
- June 28, 2004, Times of India, "That is IT, May 2004"
- June 25, 2004, Financial Express, "Smart Tags to drive the supply chain"
- June 11, 2004, Financial Express, "Actionhots up in the Search Space"

- May 28, 2004, Financial Express, "Enter the Super Computer 500"
- May 17, 2004, Times of India – "That is IT"
- May 14, 2004, Financial Express – "The Standards War picks up steam"
- April 30, 2004, Financial Express – "One Billion and going strong – The amazing success saga of GSM mobiles"
- April 19, 2004, Times of India – "e-Education" Column – That's IT – Happenings in March 2004
- April 16, 2004, Financial Express – "Look at IT" Column – Infosys Makes India Proud
- April 12, 2004, Times of India – "e-Education" Column – IT's Hot Gadgets Galore
- April 2, 2004, Financial Express – "Look at IT" Column – Get Set for Exciting Devices
- April 1, 2004, Economic Times – "Enter Made-for-India Products"
- March 19, 2004, Financial Express – "Look at IT" Column –IT-savvy Elections
- March 29, 2004, Times of India – "e-Education" Column – That's IT – Happenings in February 2004
- March 5, 2004, Financial Express – "Look at IT" Column –Make way for specialised BPO
- March , 2004, Times of India – "e-Education" Column – IT's Hot Display Technologies
- February 20, 2004, Financial Express – "Look at IT" Column –How about refurbished PCs?

- February 10, 2004, Times of India – "Exciting Technologies at the Consumer Electronics Show"

- February 10, 2004, Times of India – "e-Education" Column – That's IT – Happenings in January 2004

- February 6, 2004, Financial Express – "Look at IT" Column –Personal Storage

- February 3, 2004, Times of India – "e-Education" Column – IT's Hot Consumer Electronics Show

- January 23, 2004, Financial Express – "Look at IT" Column –E-Greetings - a craze no more

- January 5, 2004, Times of India – "e-Education" Column – That is IT – Happenings in the Year 2003

- December 15, 2003: 'That is IT – Happenings in the IT corridor', Times of India

- November 28, 2003: 'E-Governance: Hip and Happening', Financial Express

- November 14, 2003: 'You've got spam - Improved spam control measures are on the horizon', Financial Express

- October 31, 2003: "Not Limited To Consumer Space" Financial Express

- October 17, 2003: Truncated Telemarketing! "Local call centres grapple with new US Law", Financial Express

- September 29, 2003: "IT Companies in India! Oracle Corporation", Times of India

- September 19, 2003: "Self-destructing DVDs", Financial Express

- September 8, 2003: "Learn from the Masters", Times of India

- September 3, 2003: "So Big a Blow to Productivity", Financial Express

- August 21, 2003: "Shoot & Chuck, the digital way", Financial Express

- August 8, 2003: "A Tribute to Pioneer",

- August 4, 2003: "IT Companies in India - SAP, The German giant", Times of India

- July 25, 2003: "Fuddy-duddy turns cutting edge", The Financial Express

Visits abroad

- July 27-30, 2003: Microsoft Conference Centre, Redmond, Washington

- August 25, 2003: Symantec Conference, Dubai

- March 1-10, 2004: MIT and University of Michigan, USA; and Idea Factory, Buenos Aires, Argentina Financial Express

Library

Books & CDs

During the academic year, 345 new books & around 200 e-books were added to the library collection. The collection includes books on Programming Languages, Operating Systems, Networking, Telecommunications, Software Engineering, SCM, e-commerce, DSP, Financial Management, Rational Sofware Architecture, Dynamics of IT Industry, Nasscom-McKinsey Reports & Nasscom Directory, apart from the course related books and few CDs.

Print & Online Journals

During the year, subscription for the IEEE & ACM Digital Library (Online) has been renewed through INDEST Consortium as well as renewing subscriptions to print journals and magazines.

Infosys Library

Guest Talks at iiit-b

Prof. C K Prahalad,
Harvey C Freuhauf Professor of Business Administration, **University of Michigan Business School**, and co-director of the Center for Global Leverage: India - "Global Resource Leverage: The Next Practice" (June 17, 2004)

Dr. Jagdish N Sheth,
Charles H. Kellstadt Professor of Marketing, **Goizueta Business School, Emory University** - "Digital convergence and its consequences on IT structure" (January 16, 2004)

Prof. Eric K Clemons,
Professor, **Wharton Business School**, University of Pennsylvania - "Hyper Differentiation" (July 22, 2003)

Prof. Venkat Ramaswamy,
Co-author of the Best Seller along with celebrity author CK Prahlad from **Michigan Business School** - "The Future of Competition: Co-creating Unique Value with Customers" (April 19, 2004)

Prof. Arlindo Villaschi,
Professor of Economics and a leading researcher in **Federal University at Espirito Santo State**, Brazil - "Opportunities which emerge from the ICT techo-economic paradigm" (May 4, 2004)

Prof. D B Phatak,
KSeRIT, **IIT Bombay** - "Roadmap for Indian IT Professional" (April 17, 2004)

Dr. Sarnath Ramnath,
Professor of Computer Science, **Minnesota State University**, St. Cloud State - "Routing Signal Nets in VLSI Chips" (November 26, 2003)

Dr. Sheng-Chuan Wu, Ph. D (Cornell),
VP-Corporate Development, **FRANZ Inc**. - "AI and Dynamic Languages" (August 27, 2003)

Mr. Ernesto Krawchik,
CEO of **Idea Factory** Software - "Indian Software industry partnership with South American

Software industry" (October 10, 2003).

Dr. Klaus Grimm
from **DCRT AG**, Germany - "Software in a Car" (November 20, 2003)

Mr. Bob Hoekstra,
CEO, **Philips Software** - "Research@Philips" (March 24, 2004)

Mr. Gerd Hoefner,
VP Software Engineering, **Siemens** - "General overview on Siemens and a more detailed one on SISL and the SEC" (March 17, 2004)

Dr. K R Sarma,
Adviser Technology, **Samtel** - "Flat Display Technologies" (February 9, 2004)

Dr. Jnan R Dash,
Executive Consultant, CTO, **KnowNow Inc.**, Sunny Vale, California - "Technologies and strategies for tomorrow" (November 10, 2003)

Mr. Soumitra Bhattarcharjee,
CEO of **DayBegins** - "Information at Hardware can be done in India". (November 19, 2003)

Dr. Ashim Roy, PhD,
VP Business Development, **ComBasis Technology** - "Next generation of Wireless LANs" (March 26, 2004)

Mr. Divakaran Mangalath,
CTO, **Wipro Technologies** - "Innovations at Wipro" (April 7, 2004)

Dr. M V Ramakrishna,
School of Computer Science and Software Engineering, **Monash University**, Melbourne, Australia - "Multimedia Databases/Query processing in MMDB" (November 7, 2003)

Mr. Vijay Ravindran,
Group Manager for Systems Applications with **Amazon Inc.**, USA - "Informal Discussion of Amazon.com, a Technology Company and Managing your Career there!" (September 17, 2003).

Mr. J V Avadhanalu,
Director, Software Technology, **D-Link India** - "Network Processors: The new chips on the block" (September 17, 2003)

Mr. Shankar Kondur & Mr. Mukesh Hegde,
NCE Technologies - "Network Computing based Applications" (March 31, 2004)

Mr. P P Kanthan,
Consultant on International Trade Policy, "Global Legislative Framework for Cyber Transactions with special reference to India" (March 17, 2004)

Mr. Rakesh Godhwani,
Tech-Marketing/Applications Engineer, **Intel** - 'Digital home/office – Dawn of a new era' (June 23, 2004)

Mr. K R Sanjiv,
GM E-enabling, **Wipro Technologies** - "Web services" (April 21, 2004)

Mr. Anurag Seth,
Wipro Technologies - "BPM" (April 14, 2004)

Ms. Audrey Maben,
a young achiever of **Bangalore Aerosports Pvt. Ltd.**, - "Motivation – A Desire to Achieve" (February 6, 2004)

Dr. Lavakare,
Institute of International Education - "Global Education: Opportunities through GE Scholarship" (November 24, 2003)

Dr. Jayant Haritsa,
Department of Computer Science & Automation at the **Indian Institute of Science**, Bangalore - "Reducing Query Optimization Overheads through Plan Recycling" (October 17, 2003)

Delegations

Delegation from Shanghai (May 4, 2004)

Delegation from China
led by **Mr. Du Wenguang**, Chairman & GM, Tiancheng Co., Ltd., Shanxi, (February 2, 2004)

Delegation from China
led by **Mr. Wang Yufu**, Director, International Relations Div. Zhejiang Sub-council, China Council, (December 23, 2003)

Delegation from China
led by **Mr. Wang Xin**, MD, International Dept., CCPIT Chengdu (November 3, 2003)

Delegation from Mexico
led by **Dr. Francisco Medina Gomez**, Director General, Gobierno De Jalisco, along with **Mr. Mat. Armando Gallegos**, President, MC NewMedia Cluster, **Mr. M.S.E. Raul A.Gomez Zepeda**, President, QA Group, Gobierno De Jalisco, **Mr. Ing. Alfonso Alva Rosano**, CEO, Information Technology Institute, Guadalajara Campus (June 10, 2004)

Delegation from ASEAN Secretariat, Jakarta, Indonesia (March 30, 2004)

Visitors to iiit-b

Academia

Dr. V N Rajasekharan Pillai,
Vice Chairman, UGC (November 5, 2003)

Dr. Richard B. Dasher,
Director, US-Asia Technology Management
Center, Executive Director, Center for Integrated
Systems and Consulting Associate Professor,
Department of Electrical Engineering, **Stanford
University** (August 8, 2003)

Dr. Vijayakumar,
Assistant Provost & Director Academic
Computing at **MIT**, USA (August 2, 2003)

Prof. Kenneth Keniston,
MIT (March 22, 2004)

Dr. Jagdish N Sheth,
Charles H. Kellstadt Professor of Marketing,
Goizueta Business School, Emory University
(April 12, 2004)

Prof. Eric K Clemons,
Professor of Operations and Information
Management, **Wharton Business School**,
University of Pennsylvania (July 22, 2003)

Prof. Dr. Peter Liggesmeyer,
HASSO PLATTNER Institute, Germany (March
15, 2004)

Prof. Venkat Venkatasubramanian,
Purdue University, School of Chemical
Engineering (June 24, 2004)

Dr. Ram Ramesh,
Professor, **SUNY**, New York (May 17, 2004)

Mr. Vanchai Sirichana,
Founding President, **Mae Fah Luang University**,
Thailand (April 21, 2004)

Prof. Venkat Ramaswamy,
Michael R. and Mary Kay Hallman Fellow of
Electronic Business and Professor of Marketing
at the **University of Michigan Business School**
(April 19, 2004)

Dr. M S Thimmappa,
Vice Chancellor, **Bangalore University**
(November 3, 2003)

Prof. Rajeev Sangal,
Director, **IIITH** (April 20, 2004)

Dr. Prakash Apte,
Director, **IIMB** (January 15, 2004)

Dr. A Jayagovind,
Director, **National Law School of India
University** (April 16, 2004)

Mr. K R Srivathsan,
Director, **IIITM-K** (April 9, 2004)

Prof. Krishna Moorthy,
Director, **IIIT**, Pune (March 30, 2004)

Dr. Ramakrishnan,
Executive Director, **CDAC** (November 5, 2003)

Dr. Loknath,
Director, **IAT**, Pune (January 31, 2004)

Dr. Vishwanath Sinha,
Founding Director, **LNM Institute of Information
Technology**, Jaipur (January 31, 2004)**Prof. M
V Pitke, Director**, **Axes Technologies** (formerly
with TIFR) (May 12, 2004)

Dr. K R Sarma,
Adviser Technology, **Samtel**, Delhi (former Dean,
IITK) (February 9, 2004)

Mr. Takehide Iwama,
Consultant, Advanced Technology, **Nomura Research Institute**, Japan (April 19, 2004)

Pr Frederic Cadet, President
and **Pr Bernard Bonnet**, Vice-President **Reunion University**, Reunion Island, Indian Ocean (March 24, 2004)

Mr. Terry C Blum,
Dean, **Georgia Tech** (January 16, 2004)

Ms. Shalini Mantri,
Executive Director, **Stanford ATI**, USA (December 30, 2003)

Prof. Kuldeep Kumar,
Florida International University, Miami, USA (February 25, 2004)

Prof. A Ravindran,
Pennsylvania State University (June 25, 2004)

Prof. R Sadananda,
Asian Institute of Technology, Bangkok (April 16, 2004)

Dr. Purnendu Sinha,
Dept. of Electrical & Computer Science, **Concordia University,** Canada (December 27, 2003)

Dr. Mandayam A Srinivas,
Professor & Chair, Computer Science, **California State Polytechnic University**, Pomona (December 15, 2003)

Prof. Chip Rutledge,
Vice Provost for Research, **Purdue University** (December 12, 2003)

Dr. Sarnath Ramnath,
Professor of Computer Science, **Minnesota State University**, St. Cloud State (November 26, 2003)

Prof. Murphy, Prof. Buckle and Prof. Parker, University of New South Wales, Australia (October 29, 2003)

Prof. Muller,
Hamburg University, Germany (November 12, 2003)

Prof. Surpiya Singh,
Associate Professor, Smart Internet Technology, **RMIT**, Melbourne, Australia (January 25, 2004)

Dr. M M Pant,
Ex Pro Vice Chancellor, **IGNOU** (November 5, 2003)

Prof. D B Phatak,
Kanwalrekhi School, **IIT Bombay** (April 17, 2004)

Prof. H Krishnamurthy,
IISc (April 17, 2004)

Dr. Trilochan Sastry,
IIM Bangalore (February 6, 2004)

Dr. Rekha Jain,
IIM Ahmedabad (December 4, 2003)

Prof. Waghmare,
IIT Kanpur (October 16, 2003)

Mr. Mohan U Deshpande,
Head of Continuing Education, **IIT Mumbai** (December 31, 2003)

Dr. N V Sathyanarayana,
Managing Director, **Informatics** (November 5, 2003)

Dr. Jagdish Arora,
Librarian & National Coordinator, INDEST Consortium Central Library, **IIT Delhi** (November 5, 2003)

Dr. C Thangaraj,
Arulmigu Kalasalingam College of Engg. (December 31, 2003)

Mr. Narayan Ethirajulu & Mr. Craig A Stevens,
MBA Class of 2005, **Michigan Business School** (April 8, 2004)

Ms. Susan Lindquist & Mr. Deepak Keni,
MBA, **Michigan Business School** (March 24, 2004)

Ms. Sanjukta Mukherjee,
Doctoral Student, **Syracuse University, New York** (February 19, 2004)

Mr. Shameen Prashantham,
Doctoral Student, University of **Strathclyde** (February 10, 2004)

Ms. Vibha Sazawal,
Doctoral Student in Computer Science at **University of Washington**, Seattle. (September 17, 2003)

Industry

Mr. Dick Lampman,
Director, **HP Labs Worldwide** (May 6, 2004)

Ms. Siaou-Sze Lien,
Sr. VP, HP Services Asia Pacific, **Hewlett-Packard** (July 17, 2003)

Dr. Norbert Gaus,
President & CEO, **Siemens Corporate Research, Princeton, NJ, USA** (March 19, 2004)

Dr. Guillermo Wille,
CEO, **GE Welch Tech** (June 17, 2004)

Mr. Bob Hoekstra,
CEO, **Philips Innovations** (June 17, 2004)

Mr. Gerd Hoefner,
VP, **Siemens Information Systems Ltd.** (June 17, 2004)

Mr. Ketan Sampath,
President, **Intel India** (June 17, 2004)

Dr. Madhusudhan V Atre,
MD, **Agere Systems** (June 17, 2004)

Prof. Sumathi Ramaswamy,
Ford Foundation (June 9, 2004)

Mr. Prasad B Ram,
CTO, **Yahoo** Software Development India (June 2, 2004)

Dr. S Ramani,
Research Director, **HP Lab India** (May 6, 2004)

Mr. Thiru Vengadam,
Country Manager, **PeopleSoft** India (May 4, 2004)

Mr. Ajit Edlabadkar,
Country Manager (India), **WindRiver** (April 29, 2004)

Dr. S Karthik,
MD, **Analog Devices India Pvt. Ltd.** (April 10, 2004)

Mr. Martin Prinz,
Joint MD, Director, **SAP Labs** (April 10, 2004)

Dr. Biswadip Mitra,
MD, **Texas Instruments** (April 10, 2004)

Mr. Friedrich Schilcher,
Senior GM, **Siemens VDO Automotive Ltd.** (March 30, 2004)

Mr. Joseph Zachariah,
CEO, **Delphi Electronics Systems** (March 30, 2004)

Mr. Srikanth Nadhamuni,
Marketing Trustee, **e-Governments Foundation** (March 22, 2004)

Mr. Munindra Kumar Bharatee,
Country Manager, Rational Software, **IBM** India Ltd. (March 16, 2004)

Mr. Gary F De Gregorio,
VP, **Thought Works, USA** (March 24, 2004)

Mr. Werner Schlieker,
VP, and Mr. Thomas Hahn, GM, Industrial Automation & Systems Software, **Siemens** (February 13, 2004)

Dr. Uwe Wieditz,
Vice President, Global Support Center, **SAP AG,** Deutschland, **Dr. Ambarish Ojha**, Director, Global Support India Operations, **SAP India** (January 29, 2004)

Dr. P Anandan & Dr. John Nordlinger,
University Relations Manager for **Microsoft Research,** Redmond, USA (January 23, 2004)

Ms. Silvana Muscella,
Project Coordinator, **Mr. Ashok Kar,** EuroIndia Relations Manager, **EuroIndia 2004 Co-operation Forum** on the Information Society (January 21, 2004)

Mr. Anand Chandrashekhar,
Vice-President & General Manager, Mobile Platform group, **Intel** (December 12, 2003)

Dr. Anil Chakravarthy,
Director, Product Marketing, **VeriSign Security Services** (December 10, 2003)

Dr. Roland Haas,
Managing Director, **Daimler Chrysler** (December 4, 2003)

Dr. Lavakare,
Country Partner, GE Foundation, **Institute for International Education** (November 25, 2003)

Dr. Robert Mayberry,
VP, **IBM Software Group** (November 17, 2003)

Dr. V C Gopalratnam,
Asst. VP, **GE Capital International Services** (November 17, 2003)

Mr. Shekhar Dasgupta,
Managing Director, **Oracle India** (November 4, 2003)

Mr. Anup Verma,
Country Manager, **TIBCO** (October 31, 2003)

Mr. Srikanth,
Country Manager, **BEA Systems** (October 17, 2003)

Mr. John D. Stuart,
Senior Vice President Education & Global Business Partners, **Parametric Technology (India) Pvt. Ltd.,** (October 10, 2003)

Mr. Ernesto Krawchik,
CEO, **Idea Factory Software, Argentina** (October 10, 2003)

Mr. Carlos Salvatori,
Advisory Board, **Idea Factory Software, Argentina** (October 10, 2003)

Mr. Sheng-Chuan Wu,
VP-Corporate Development, **FRANZ LISP Inc** (August 27, 2003).

Mr. Donal McGranaghan,
MD, **Misys International** (July 29, 2003)

Mr. K R Naik,
Chairman, **D-Link India** (July 17, 2003)

Mr. Vivek Marwaha,
Country Marketing Manager, PLM Solutions, **EDS** (July 17, 2003)

Mr. J. Veeraraghavan,
Managing Director, **Novell Software Development** (July 12, 2003)

Mr Heerji Patel,
Chairman, **ACI-PLC LTD** (UK) (June 26, 2004)

Mr. Ravi Shankar S N,
Head - Airport Systems Head - SBS Airport Vertical focus, **Siemens Information Systems Limited** (June 25, 2004)

Mr. Rahul Gupta,
MD, **Xserve** India (June 24, 2004)

Mr. Dharmendra K Vasant,
CEO, **GAVS** Chennai (June 17, 2004)

Mr. S Balasubramanya,
President & CEO, **PSI Data Systems** (June 17, 2004)

Mr. Satyen Parikh,
CEO, **Borland** India (June 17, 2004)

Dr. S Rajagopalan,
MD, **Spatial Data** (June 14, 2004)

Dr. DLV Sharma,
ABB (June 12, 2004)

Mr. Girish Vaidya,
Sr. VP, Banking Business Unit, **Infosys** (May 28, 2004)

Mr. Ravi Venkatesan,
Chairman, **Microsoft** India (May 24, 2004)

Mr. Maslekar,
CEO, **VXL Instruments** (May 25, 2004)

Mr. K R Ramamoorthy,
Principal, **Bank Consult** (May 17, 2004)

Mr. N R K Raman,
Senior Vice President, Global Sales, **i-flex** solutions (May 12, 2004)

Dr. Nagabhushana Sindhushayana,
Qualcomm, CA, USA (May 10, 2004)

Dr. S K Bhagavan,
Head – Faculty Program, **Wipro Technologies** (May 7, 2004)

Dr. N V Sathyanarayana,
Informatics India Ltd. (May 7, 2004)

Dr. Mukul Saxena,
Director, Corporate Technology, **Siemens Information Systems Ltd.** (May 6, 2004)

Prof. Narasimhan,
NCST (May 4, 2004)

Mr. Prahlad Deshpande,
CTO, **Kshema Technologies** (April 21, 2004)

Mr. Bharatendu Sinha,
University Relations, **Texas Instruments** (April 19, 2004)

Mr. Rohit Bhat,
President, & **Ms. Shylaja Rao**, CEO, **Robosoft Technologies** (April 10, 2004)

Mr. Chandrasekaran,
Chairman & **Mr. Baskar**, CTO, **Impulsesoft** (April 10, 2004)

Mr. Rajesh Jain,
MD, **Netcore Solutions Pvt. Ltd.** (April 10, 2004)

Mr. Shashikiran Mullur,
MD, **Hical Magnetics** (April 10, 2004)

Mr. Ravi Pradhan,
Country Manager, **VIA Technologies** (April 10, 2004)

Ms. Revathi Kasturi,
President, **Tarang Software** (April 10, 2004)

Mr. Divakaran Mangalath,
CTO, **Wipro Technologies** (April 7, 2004)

Mr. Dinesh Kumar,
GM (IT), **NTPC** (April 6, 2004)

Mr. B G Srinivas,
Vice President, **Infosys** & Mrs. Sunanda (April 3, 2004)

Mr. Mohana Krishnan,
Special Director – Information Management
Service, **Ashok Leyland Ltd.** (April 2, 2004)

Mr. Sameer Kochchar,
CEO, **Skoch Consulting** (April 1, 2004)

Mr. Anand,
MD, **Magma** (March 31, 2004)

Ms. Meena Ganesh,
CEO, **TESCO Hindustan** Service Centre (March
31, 2004)

Mr. R. Mohan,
President & CEO, **HTMT** (March 30, 2004)

Dr. Aravind S Bharadwaj,
Head Engineering, **Ashok Leyland** (March 30,
2004)

Mr. Anant Koppar,
Chairman & CEO, **Kshema Technologies** (March
30, 2004)

Mr. T Anantha Narayanan,
Executive Director-Finance, **Mr. N Mohanakrishnan,**
Special Director-IMS, **Ashok Leyland Ltd**. (March
27, 2004)

Mr. Kannan Kasturi,
CTO, **Tarang Software** (March 25, 2004)

Mr. Jasminder S Gulati,
Microsoft (March 23, 2004)

Dr. Andrew Armstrong & Dr. Sammy Rashid,
Thorogood Associates, London (March 18,
2004)

Ms. Asha Pandey,
CEO, **EI Design** (March 18, 2004)

Mr. P G Bhatt,
Vice President, **ObjectOrb** (March 13, 2004)

Mr. Ranganathan,
Managing Director, **BNA** (March 10, 2004)

Ms. Sandy Walsh,
Manager, Marketing Communications and Asia
Pac Head for Education, **Cisco Systems**
(February 25, 2004)

Mr. N G Subramanian,
VP, **TCS** (February 25, 2004)

Mr. Sanjay Dugar,
Nepal (February 25, 2004)

Mr. Bharat H Gupta,
Director, **STEX Software** (February 18, 2004)

Mr. T Sivaram,
Principal Consultant, **TCS** (February 18, 2004)

Mr. G S Sridhar,
President, **Veritas Marketing Services** (February
18, 2004)

Mr. S D Khanolkar,
Net Advisor, **Microsoft** (February 18, 2004)

Mr. Gopal Srinivasan,
President, **TVS Electronics Ltd.,**
(February 10, 2004)

Dr. Sridhar Mitta,
Managing Director, **e4e Labs** (February 10, 2004)

Mr. A Srivathsan,
CEO, **Kritical Health Systems & Services**
(January 29, 2004)

Mr. D V Jagadish,
Director, **Apex Tech. Pvt. Ltd**. (January 23, 2004)

Dr. S Rajagopalan,
Managing Director, **Spatial Data Pvt. Ltd.**
(January 21, 2004)

Mr. S D Kapur,
Chairman and Managing Director, **MMTC**
(December 16, 2003)

Mr. K Ganesh,
President, **ICICI OneSource** (December 8, 2003)

Mr. Ravichandran,
Managing Director, **TTK Prestige Ltd.**
(December 5, 2003)

Prof. P Sadanandan,
Executive Director, Technical & R&D, **InteleSoft Tech** (December 1, 2003)

Mr. Gopalakrishnan,
COO, **Infosys Technologies** (November 25, 2003)

Mr. Vineet Nayar,
Vice Chairman, **HCL** (November 20, 2003)

Mr. Umesh, IAS
Managing Director, **KSFC** (November 19, 2003)

Mr. Leonard J Brody,
Chief Strategy Officer, **Ipreo** (November 18, 2003)

Mr. Soumitra Bhattacharjee,
CEO, **DayBegins** Engineering Innovations
(November 12, 2003)

Dr. Jnan Dash,
Executive Consultant, CTO, **KnowNow Inc**.,
Sunny Vale, California (November 10, 2003)

Dr. Jayant Haritsa,
Department of Computer Science & Automation,
IISc, Bangalore (October 17, 2003)

Mr. J V Avadhanalu,
Director, Software Technology, **D-link India Ltd.**,
(September 17, 2003)

Mr. Rajeev Agrawal,
CEO, **Innoviti Embedded Solutions Pvt. Ltd.**
(September 12, 2003)

Mr. Prasad Yalamanchi,
Managing Director, **Kido Software** (August 27, 2003)

Dr. Srini Krishnamurthy,
Intel (August 18, 2003)

Government

His Excellency, **Shri. T N Chaturvedi,**
Governor of Karnataka (November 3, 2003)

Mr. R V Deshpande,
Hon'ble Minister for Medium and Heavy
Industries, **Government of Karnataka** (October 11, 2003)

Dr. G Parameshwar,
Hon'ble Minister for Higher Education,
Government of Karnataka (November 5, 2003)

Mr. D B Inamdar,
Hon'ble Minister, IT Department, **GoK** (November 17, 2003)

Mr. B K Das, IAS,
Additional Chief Secretary & Principal Secretary,
Finance Department, **Government of Karnataka**
(January 5, 2004)

Mr. K M Shivakumar, IAS,
Secretary, Information Technology,
Government of Karnataka (January 15, 2004)

Dr. Pawan Agarwal, IAS,
Director, **MHRD** (November 5, 2003)

Mr. Jawaid Akhtar, IAS,
Director, IT Dept, **GoK** (November 17, 2003)

Mr. Ritvik Pandey, IAS,
Deputy Secretary, Finance Department,
Government of Karnataka (April 30, 2004)

Mr. Aftab Seth,
Indian Ambassador to Japan (December 12, 2003)

Mr. Talmiz Ahmad,
the **Ambassador of India to the Sultanate of Oman,** Muscat, (November 13, 2003)

Mr. Balakrishna Shetty,
Indian Ambassador (December 29, 2003)

Mr. Jayant Nadiger,
Trade Commissioner, **Bangalore** (October 31, 2003)

Mr. D V Shivaram,
Additional Commissioner of Commercial Taxes (March 1, 2004)

Media

Mr. Manjeet Kripalani and Mr. Peter Engardio, Business Week (October 18, 2003)

Mr. Mark Kobayashi-Hillary,
Chartered Information Systems Practitioner, UK (October 11, 2003)

Mr. Paul Beebe,
Reporter, **Colorado Springs**, USA (April 21, 2004)

Mr. Jim Kerns,
Freelance Journalist from San Francisco, USA (April 26, 2004)

Mr. Jim McKay,
Pittsburgh Post-Gazette, USA (January 30, 2004)

Mr. Justin Fox,
Editor-at-Large, **Fortune** Magazine (October 23, 2003)

Mr. Daniel Chretien,
Journalist, Montreal (May 17, 2004)

Mr. Michel Labrecque,
Journalist, **CBC Radio-Canada** (January 23, 2004)

Mr. Narito Ohta,
Senior Writer, International Department of **Kyodo News**, Japan (April 1, 2004)

Mr. David Crowe,
Technology Editor, **Financial Review**, John Fairfax Publications Pty Ltd., Sydney (January 30, 2004)

Ms. Bharathi,
Radio Singapore (September 16, 2003)

Dr. Valerie J McKenzie,
Lead Presenter of the **Morning Talk TV Programme**, Thailand (April 21, 2004)

Ms. Gao Lihua,
Sr. Journalist, **China Computerworld** (November 3, 2003)

Ms. Sofia Nerbrand,
Editor, & **Mr. Erik Wallrup**, Editor, **Axess**, Sweden (December 15, 2003)

Ms. Vinutha,
Business Correspondent, **The Asian Age**, Bangalore (January 2, 2004)

Mr. Matang,
Times of India (May 8, 2004)

Mrs. Meenu Shekar,
Editorial Staff, **Business India** (April 27, 2004)

Mr. Deepak Thimmaiah,
Udaya TV (February 16, 2004)

Mr. Akhtar Pasha,
Business Publications Division, **Indian Express Newspaper** (January 12, 2004)

Delegations

Delegation from the Sultanate of Oman
led by Mr. Talmiz Ahmed, Ambassador of India, to the Sultanate of Oman, including Mr. Abdulredha Mustafa Sultan, Mr. Ammar Maqbool Al Saleh, Mr. Aqeel Jawad Sultan, Mr.

Imad Kamal Abdulredha Sultan, Mr. Khalid Said Salem Al Wahaibi, Mr. Pankaj Khimji, (March 23, 2004)

Delegation from Nepal
(October 17, 2003)

Delegation from Nepal
led by **Mr. Bhim Dhoj Shrestha**, Executive Member, Computer Association of Nepal, Kantipur College of Management and Information Technology accompanied by 28 students from Nepal visited iiitb. (October 15, 2003)

Delegation from Japan
including **Prof. Igusa Kunio, Prof. Koji Muto** and Team **Asia Pacific University**, Japan (September 4, 2003)

Delegation from eighteen countries of Asia Pacific for the **"Asia Pacific Regional Workshop on Business Incubation"** (October 10, 2003)

Delegates from FujitsuPST
of Japan (May 14, 2004)

Delegation from Intel
led by **Mr. Frank Spindler**, VP Corporate Technology Group, **Intel Corporation**, along with **Mr. Ketan Sampath**, President, Intel India, **Mr. Robert A Chapman**, Director of International Programs, **Mr. Joydeep Bose**, Director, Strategic Programs – India/Southeast Asia, **Ms. Shubhra Roy**, Program Manager, CTG, **Mr. Varghees Thomas**, Manager Public Relation (May 13, 2004)

Delegation from HP
including **Mr. P Ravindranath**, Director, Govt. & Public Affairs, HP India, **Mr. Jim Benson**, VP, Finance, HP Littleton, MA, **Mr. Craig D Flower**, VP & Group Information Officer, Global Operations, HP California, **Mr. David Booth**, VP & GM, Eastern Enterprise Accounts, HP Marlborough, MA, **Mr. Gottfried Specht**, VP,

Customer Support Business Management, Europe, Middle East & Africa, HP Germany (February 4, 2004)

Delegation from Honeywell Technology Solutions Ltd. including **Mr. Thomas W. Weidenkopf**, Senior Vice President, Human Resources & Communications, **Mr. James P Williams**, Vice President, Human Resources & Automation & Control Products, and **Mr. Krishna Mikkilineni**, Vice President & Managing Director, (October 6, 2003)

Delegation from Bank of India
led by **Mr. Venugopalan, CMD** (December 22, 2003)

Delegation from the National Institute of Design, Ahmedabad Led by **Mr. Parag Deshpande** (September 20, 2003)

Delegation from the Indian Institute of Public Administration led by **Mr. K.S. Ramanathan**, Chairman (August 29, 2003).

Delegation from from Amrita Institute of Technology led by **Mr. Bijoy Sivan** (May 29, 2004)

Delegtion from SDM College, Dharwad
led by **Dr. Gopal Joshi** (January 22, 2004)

Student Delegation from Korea –
Soogine Chong, Sechang Sohn, YuJin Kim, Boyden Kang (August 5, 2003)

Key Events

First meeting of Advisory Council of **CBIT** - Center for Banking and Information Technology was held at iiit-b (June 17, 2004).

Intel **PlanetLab** was inaugurated at iiit-b by Mr. Frank Spindler, VP Corporate Technology Group, Intel Corporation and Mr. Ketan Sampath, President, Intel India (May 13, 2004)

Fourteen IT companies gave presentation on **"Jewels in IT"** to Dr. Arun Shourie, Hon'ble IT Minister (April 10, 2004)

Prof. Venkatachala Iyengar Memorial Mathematics Art Museum was inaugurated at iiit-b (April 10, 2004).

The Project Monitoring Committee Meeting of the DIT funded project on **ICT for development** (March 22, 2004)

Hindustani Vocal Concert by Smt. Shruti Sadolikar-Katkar was held at iiit-b under the iiit-b sub-chapter, **SPIC MACAY**, Bangalore Chapter (February 24, 2004)

Brainstorming Session on the **Future of iiit-b**, (December 7, 2003)

Mr. Nandan Nilakeni, CEO, Infosys and Mr. Mohandas Pai, CFO, Infosys formally inaugurated the **Infosys Library** at iiit-b (November 14, 2003)

iiit-b hosted the UGC conference on **"Technology - enabled teaching and learning"** (November 3-5, 2003) where 70 participants from all over India attended. The conference was inaugurated by His Excellency Shri. T N Chaturvedi, Governor of Karnataka and the valedictory function was addressed by Shri. G Parameshwar, Hon'ble Minister for Higher Education, Government of Karnataka

"Enterprise Application Integration" series lecture was held at iiit-b by Mr. Michael Smith, BEA Systems, Mr. Makario Aruliah, Oracle and Mr. Anup Verma, TIBCO (October 27, 2003)

SPIC MACAY, Bangalore Chapter presented a Guitar Recital by Pt. Brijbhushan Kabra to mark the inauguration of the iiit-b sub-chapter under the Bangalore Chapter (October 20, 2003).

iiit-b celebrated its **Dedication Ceremony**. Shri. R V Deshpande, Hon'ble Minister for Industry, GoK, Shri. N Vishwanathan, IAS (Retd), Founder Chairman of iiit-b and former Additional Chief Secretary, GoK were the Chief Guests. Mrs. Sudha Murthy addressed the students (October 11, 2003).

iiit-b moved to its "own" **campus** at Electronics City. The 8.5 acre campus provides about 75,000 square feet of air-conditioned space with a large class room to accommodate 150 students, several other class rooms, a number of faculty offices, a large library, dozens of laboratory spaces and space to host several incubated firms. Landscaping, a dome to give a personality, interior work and full structural glazing, 300-seater hostel block, an artificial lake, recreation area and internal landscaping are also coming up. Pooja was performed at 6 am on 18th; classes commenced at 9:01 am as planned. Dr. Srini Krishnamurthy, Ph. D (Georgia Tech), Intel Labs, Arizona, USA (who was visiting iiit-b on Sabbatical leave), flew all the way from Coimbatore on 18th. Most faculty members, including Adjunct Faculty members (and some families) were present on Day 1 at the new Campus. Professor S S Prabhu, formerly Dean of Faculty at IIT Kanpur joined iiit-b faculty. (August 18, 2003)

A Video Conference between US Instructors (assembled at Microsoft Main Campus at Redmond USA and Indian BPO Trainees (assembled at our new campus Room 103) was conducted on August 26, 2003 (6 am to 9 am) (using our ISDN lines) with Vivek Kulkarni, IAS, IT Secretary, Javaid Akhtar, IAS, IT Director and several senior officers from IT Department, GoK (August 26, 2003).

iiit-b celebrated its **Fourth Foundation Day.** This is the first function we are holding at our new campus in Electronics City. Mr. Bob Hoekstra, CEO, Philips Innovation Centre, Prof. V Rajaraman, IISc, Bangalore, Mr. Anand Parthasarathy, Chief Editor, The Hindu and Mr. Javagal Srinath, Cricketer were the speakers at the Foundation Day function (September 15, 2003).

iiit-b Admission Interviews were held for the 6th Batch with more than 400 candidates being interviewed (May 5, 6, & 7, 2004)

A sub-chapter of SPIC MACAY @ iiit-b was inaugurated by Prof. S Sadagopan (October 20, 2003)

iiit-b Entrance Test was held in eight centres all over India (March 14, 2004)

Placement for the fourth batch students of iiit-b was held on November 14, 2003. SAP Labs, Alopa Networks, Huawei Tehcnologies, Tejas Networks, Covansys, i2 Technologies, Honeywell, ABB, Intel, MindTree are the companies which recruited our students.

Research Centers

Launch of the **"Center for Global Resource Leverage: India"** by Prof. C K Prahalad, Harvey C Freuhauf Professor of Business Administration, Michigan Business School and Mr. N R Narayana Murthy, Chairman, Infosys Technologies, Prof. M S Krishnan, Michael and Mary Kay Hallman Fellow of Michigan Business School, Associate Dean, Prof. Michael Gordon, Associate Dean of Michigan Business School (June 17, 2004)

Launch of the **C-BIT - Centre for Banking and Information Technology** was held at iiit-b, where heads of Software Industry and Banks attended (February 18, 2004).

Launch of the **C-TEL - Centre for Telecommunication Research at iiit-b** was held. Prof. M V Pitke headed the session and other industry members also participated (April 16, 2004).

Launch of **Intel PlanetLab** was inaugurated at iiit-b by Mr. Frank Spindler, VP Corporate Technology Group, Intel Corporation and Mr. Ketan Sampath, President, **Intel India** (May 13, 2004)

iiit-b Board Meetings

14th Board Meeting of iiit-b was held at Infosys, Electronics City on July 12, 2003

15th Board Meeting of iiit-b was held on January 15, 2004

16th Board Meeting of iiit-b was held on April 10, 2004

Awards

Institute Award

iiit-b has been awarded for **"Academic Excellence"** among educational institutions by the **Skoch Consulting**, New Delhi (February 19, 2004)

Faculty Award

Prof. S Sadagopan received the **"CSI Fellowship Award"** from Computer Society of India (December 11, 2003)

Student Award

Manisha Jha (Fourth Batch student) bagged the **"Best Developer Award"** in Dhirubhai Ambani Developer Contest (April 26, 2004)

Balasundar Raman (Fourth Batch student) was awarded **"Young IT Professional Award"** by Computer Society of India (December 7, 2003)

Saurabh Jain, iiit-b alumni has received **"Individual Excellence Award"** from Honeywell (December 5, 2003)

Conferences

VLDB sponsored Summer School (June 7-9, 2004)

The VLDB summer school is a summer school organized for the first time in India, supported by VLDB, to foster database research and education in India. The target audience was college teachers and research students. There were two summer schools: In Delhi and Bangalore. The Bangalore summer school was held under the aegis of iiit-b.

iiit-b was an Academic Sponsor for the **14th**

International HiPC (High Performance Computing) Conference held at Hyderabad. (Dec 17 – 20, 2003). HiPC is an international meeting on high performance computing. It serves as a forum to present current work by researchers from around the world as well as highlight activities in Asia in the high performance computing area. The meeting emphasizes both design and analysis of high performance computing systems and their scientific, engineering, and commercial applications.

iiit-b was the Academic Sponsor for **SPM –ICON 2004: International Conference on Practical Software Management**, Taj West End, Bangalore hosted by PMI Bangalore and QSIT (May 26-29, 2004)

iiit-b supported **SCALE 2004 Conference & Exposition, India's premier Supply Chain & Logistics Management** event held at Hotel Grand Ashok, Bangalore (June 17-19, 2004), organised by the Indian Institute of Materials Management, Bangalore (IIMM). The theme for this year's conference was "A brave new India - beyond global barriers through Supply Chain & Logistics Synergies". Prof. Asoke Talukder gave a talk on "RFID - latest tool for SCM". Prof. S Sadagopan gave the valedictory address.

A Conference on **"Technology trends in Mobile Computing & Communication"** was organised at Bangalore jointly by iiit-b and BNM Institute of Technology (April 10, 2004)

UGC Conference on **"Technology enabled Teaching and Learning Systems in Higher Education"** was held at iiit-b (November 3-5, 2003)

TeleTrans Conference was held between March 9-11, 2003 in Bangalore, organised by iiit-b and CII in association with ACMA, SIAM

iiit-b conducted series of one day workshops in July for BMP Officials on **e-tendering using Vyavastha,** a product developed by Backend Bangalore Pvt. Ltd., a iiit-b incubated company. More than hundred BMP Engineers got trained on the product

Visiting Scholars

Dr. A. Ravindran, Professor at the Harold and Inge Marcus Department of Industrial and Manufacturing Engineering at **Penn State University** was on a Fulbright Scholarship to iiitb (Aug-Dec 2003). He has received 11 teaching awards in Industrial Engineering. His research interests include supply chain optimisation, electromagnetic compatibility of cellular phones with medical devices, goal programming, interactive methods for multiple criteria optimisation, applications of mathematical programming to health planning, quality control, flexible manufacturing systems, transportation networks, hazardous waste disposal, and system reliability.

Prof. Arlindo Villaschi, a Researcher of the Department of Economics, Federal University at **Espirito Santo State, Brazil**, was a Visiting Fellow (Jan-March 2004) at iiit-b. His area of reseach is systems of innovation. His focus of investigation at Bangalore is the features of localised experimentation which has made the region a show case of high-tech development in the world economy.

Professor Kenneth Keniston is the Andrew Mellon Professor of Human Development, and Director, MIT India Program at the **Massachusetts Institute of Technology, USA**. He was the Director of the Program in Science, Technology and Society at MIT from 1987-1992. He has been a Guggenheim Fellow and is a member of the American Academy of Arts and Sciences and the Council on Foreign Relations. His research focuses on issues of equity, diversity, and information technology especially in India. He continues his research on cultural aspects of software localisation. He has an ongoing grant from the Ford Foundation for the study of "Equity, Diversity, and Information Technology in India." Prof. Keniston is a Visiting Professor at iiit-b (June-July 2004)

Francis Hutchinson is a PhD candidate at the Graduate Program in Public Policy at the **Australian National University**. His research interests centre on human resource issues and development. At iiit-b, he is exploring the role of government policy in shaping specific regions' incorporation into this division of labour. His two case studies are Penang, Malaysia, and Bangalore, India (May 14-August 7, 2004).

Four Students from the **UNIVERSITÉ DE LA RÉUNION** (Marie Martese, Axel Cuvelier, Julien Kirsch, and Le Tetour Clement)are doing their internship at iiit-b (June-Dec 2004).

Aswin Punathambekar, a doctoral candidate in Media & Cultural Studies at the **University of Wisconsin-Madison, USA**, is studying "ICT and Socio-Economic Change" at iiit-b (June-July 2004)

iiit-b in the Media

Business Week magazine of December 8, 2003 carries an article on iiit-b with the picture of 4th batch student Rhythm Tyagi.

Fortune magazine of January 26, 2004 carries an article on iiit-b Peter Drucker, an eminent author of Management in an interview to Fortune Magazine mentioned that "The technical graduates of iiit-b are as good as any in the world" while explaining about jobs and globalisation and the US Economy.

Auditor's Report

1. We have audited the attached Balance Sheet of Indian Institute of Information Technology–Bangalore (hereinafter referred to as the Institute) as at 31st March 2004 and the Income and Expenditure Account for the year ended on that date, annexed thereto. These financial statements are the responsibility of the Institute. Our responsibility is to express an opinion on these financial statements based on our audit.

    We conducted our audit in accordance with the auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

2. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.

3. In our opinion, proper books of accounts have been kept by the Institute so far as it appears from our examination of those books.

4. The Balance Sheet and the Income and Expenditure Account dealt with by this report are in agreement with the Books of Account.

5. In our opinion and to the best of information and according to the explanations given to us, the accounts read with the schedules and Note No.3 regarding non-registration of Land in the name of the Institute,and other notes thereon, give a true and fair view :

    a) In the case of the Balance Sheet, of the state of affairs of the Institute as at 31st March 2004.

    b) In the case of Income and Expenditure Account of the excess of expenditure over income of the Institute, for the year ended on that date.

For SHENOY & KAMATH
Chartered Accountants

PLACE : **BANGALORE**

DATE : **July 9th 2004**

(K S R SHENOY)

Partner

Membership No. 200 152

FINANCIAL STATEMENTS

Balance Sheet as at 31st March 2004

(In Rs.)

31.03.2003	SOURCES OF FUNDS	Sch.No.	31.03.2004
13,89,24,815	Capital Grants	A	27,64,24,815
50,22,213	Revenue Grants	B	53,86,975
1,29,78,341	Earmarked Funds	C	1,91,71,273
15,69,25,369	**Total**		**30,09,83,063**

31.03.2003	APPLICATION OF FUNDS	Sch.No.	31.03.2004
	Fixed Assets:		
2,03,14,799	Net Block	D	19,99,91,896
2,10,00,000	Capital Work In Progress		1,31,23,268
4,13,14,799			21,31,15,164
	Current Assets, Loans & Advances:		
37,35,450	Advances & Receivables	E	48,59,141
61,19,113	Deposits	F	8,92,759
6,75,778	Prepaid Expenses	G	5,95,781
7,19,65,790	Cash & Bank Balances	H	5,56,90,904
8,24,96,131			6,20,38,585
	Less : Current Liabilities & Provisions:		
35,02,240	Current Liabilities	I	2,02,75,408
—	Provisions	J	5,95,829
7,89,93,891	Net Current Assets		4,11,67,348
	Miscellaneous Expenditure :		
	(to the extent not written off)		
3,88,455	Preliminary Expenses		3,23,713
	Revenue Account		
3,62,28,224	Deficit Carried Forward	K	4,63,76,838
15,69,25,369	Total		30,09,83,063
	Significant Accounting Policies & Notes forming part of Accounts	T	

For Indian Institute of Information
Technology - Bangalore

S.Sadagopan
Director

Place: Bangalore
Date : 09/07/2004

As per our report of even date

For Shenoy & Kamath
Chartered Accountants

K S R Shenoy
Partner
Membership Number : 200152

Income and Expenditure Account for the year ended 31st March 2004

31.03.2003	Income	Sch.No.	31.03.2004
2,62,19,755	Student Receipts	L	3,11,72,354
37,16,493	Seminars & Workshops' Receipts	M	22,35,935
69,82,780	Interest on Fixed Deposits		59,73,443
17,99,472	Other Receipts	N	12,64,038
-	Transfer from Manmar Project Grant (Refer Note No. 6)		2,66,136
58,28,180	Excess of Expenditure over Income transferred to Revenue Account		1,01,48,615
4,45,46,680	**TOTAL**		**5,10,60,521**

31.03.2003	Expenditure	Sch.No.	31.03.2004
56,83,227	Faculty Expenses	O	83,95,150
4,79,955	Library Expenses		9,92,452
8,82,003	Seminars & Workshops Expenditure	M	10,97,103
38,10,622	Student Expenses	P	40,45,778
1,54,84,537	Rent, Operations & Maintenance	Q	1,01,06,361
12,59,907	Telephone & Internet Expenses		21,02,513
9,61,521	Staff Expenses	R	13,84,829
12,33,339	Administrative & General Expenses	S	19,32,222
46,26,000	Advance paid to NIIT Written Off		-
-	iiit-b Hubli Expenses (Refer Note No. 5)		5,11,674
64,742	Preliminary Expenses Written Off		64,742
1,00,60,827	Depreciation	D	2,04,27,697
4,45,46,680	**TOTAL**		**5,10,60,521**
	Significant Accounting Policies & Notes forming part of Accounts	T	

For Indian Institute of Information
Technology - Bangalore

S.Sadagopan
Director

Place: Bangalore
Date : 09/07/2004

As per our report of even date
For Shenoy & Kamath
Chartered Accountants

K S R Shenoy
Partner
Membership Number : 200152

SCHEDULES

SCH. No.	Details
A	CAPITAL GRANTS
B	REVENUE GRANTS
C	EARMARKED FUNDS
D	FIXED ASSETS
E	ADVANCES & RECEIVABLES
F	DEPOSITS
G	PREPAID EXPENSES
H	CASH & BANK BALANCES
I	CURRENT LIABILITIES
J	PROVISIONS
K	REVENUE ACCOUNT
L	STUDENT RECEIPTS
M	SEMINARS & WORKSHOPS
N	OTHER RECEIPTS
O	FACULTY EXPENSES
P	STUDENT EXPENSES
Q	RENT, OPERATIONS & MAINTENANCE
R	STAFF EXPENSES
S	ADMINISTRATIVE & GENERAL EXPENSES
T	SIGNIFICANT ACCOUNTING POLICIES & NOTES FORMING PART OF ACCOUNTS

Schedules to Balance sheet as at 31 March 2004

Schedule A: Capital Grants
(In Rs.)

Sl.No.	Particulars	Opening Balance	Received during the year	Total
1	Government of Karnataka Grant	10,00,00,000	7,00,00,000	17,00,00,000
2	Infosys - Library Grant	1,00,00,000	2,00,00,000	3,00,00,000
3	Smt. Sudha Murthy - Hostel Grant	-	3,00,00,000	3,00,00,000
4	IIITB Hubli Grant			
	- Government of Karnataka	2,67,00,000	75,00,000	3,42,00,000
	- Adhaar Trust		1,00,00,000	1,00,00,000
5	Donation in Kind	22,24,815	-	22,24,815
	Total	13,89,24,815	13,75,00,000	27,64,24,815

Schedule B : Revenue Grants
(In Rs.)

Sl. No.	Particulars	Opening Balance	Received during the year	Total	Utilised during the year	Transferred to Income & Exp A/c	Closing Balance
1	Chair Professorship Grant	-	28,93,500	28,93,500	28,96,897	-	(3,397)
2	Scholarship Grant	17,67,980	13,48,000	31,15,980	21,65,980	-	9,50,000
3	Alumni Grant	25,50,014	14,17,814	39,67,828	77,456	-	38,90,372
4	WHO Project Grant	80,000	-	80,000	-	-	80,000
5	Post Doctoral Project Grant	1,84,219	-	1,84,219	1,84,219	-	-
6	Manmar Project Grant *	4,40,000	-	4,40,000	1,73,864	2,66,136	-
7	Intel Grant	-	4,70,000	4,70,000	-	-	4,70,000
	TOTAL	50,22,213	61,29,314	1,11,51,527	54,98,416	2,66,136	53,86,975

* Refer Note No. 6

Schedule C : Earmarked Funds
(In Rs.)

Sl. No.	Particulars	Opening Balance	Received during the year	Interest Earned	Total	Utilised during the year	Closing Balance
1	Chair Professorship Fund	1,18,66,911	62,50,000	8,38,668	1,89,55,579	9,46,984	1,80,08,595
2	Scholarship Fund GOK	10,00,000	-	71,667	10,71,667	-	10,71,667
3	Medal Fund	1,11,430	-	-	1,11,430	20,419	91,011
	TOTAL	1,29,78,341	62,50,000	9,10,335	2,01,38,676	9,67,403	1,91,71,273

Schedule D : FIXED ASSETS

(In Rs.)

Asset	Opening Balance	Additions	Deletion	Total	Rate of Depreciation	Depreciation for the year	Closing Balance
iiit-b – BANGALORE							
AIRCONDITIONERS	2,35,439	-	-	2,35,439	25.00%	58,860	1,76,579
COMPUTERS & ACCESSORIES	99,68,796	44,65,025	27,00,000	1,17,33,821	40.00%	37,66,963	79,66,858
OFFICE EQUIPMENT	3,01,745	-	-	3,01,745	25.00%	75,436	2,26,309
LAND (Refer Note No. 3)	-	3,25,00,000	-	3,25,00,000	0%	-	3,25,00,000
BUILDING	-	7,05,82,961	-	7,05,82,961	5.00%	15,85,699	6,89,97,262
MULTIMEDIA & CCTV	18,18,338	32,54,367	-	50,72,705	25.00%	7,53,848	43,18,857
FURNITURE & FIXTURES	79,90,481	5,52,68,976	58,69,239	5,73,90,218	25.88%	74,62,845	4,99,27,373
MACHINERY	-	41,69,788	-	41,69,788	13.91%	2,60,603	39,09,185
ELECTRICAL WORKS	-	40,00,000	-	40,00,000	13.91%	2,49,999	37,50,001
TOTAL : A	2,03,14,799	17,42,41,117	85,69,239	18,59,86,677		1,42,14,253	17,17,72,424
iiit-b – HUBLI							
COMPUTERS & ACCESSORIES	-	27,00,000		27,00,000	40.00%	8,13,699	18,86,301
FURNITURE	-	2,50,24,028		2,50,24,028	25.88%	47,19,655	2,03,04,373
ELECTRICAL INSTALLATION	-	67,08,888		67,08,888	13.91%	6,80,090	60,28,798
TOTAL : B	-	3,44,32,916		3,44,32,916		62,13,444	2,82,19,472
GRAND TOTAL : A + B	2,03,14,799	20,86,74,033	85,69,239	22,04,19,593		2,04,27,697	19,99,91,896

Rs.27,00,000/- shown as Deletion from 'Computers & Accessories' [iiit-b Bangalore] & as Additions to Computers & Accessories (iiit-b Hubli) represents the Written down value of Computer Systems transferred from iiit-b Bangalore to iiit-b Hubli.

SCHEDULE E : ADVANCES & RECEIVABLES

(In Rs.)

31.03.2003	Particulars	31.03.2004
29,51,704	- Students / Staff	8,80,760
2,37,340	- Tax Deducted at Source	2,42,492
5,46,406	- Receivables	37,35,889
37,35,450		48,59,141

SCHEDULE F : DEPOSITS

(In Rs.)

31.03.2003	Particulars	31.03.2004
44,60,213	Premises- ITPL	-
11,92,900	Hostel	5,00,000
2,92,500	Faculty/Guest House	3,30,000
1,73,500	Telephone	62,759
61,19,113		8,92,759

SCHEDULE G : PREPAID EXPENSES

(In Rs.)

31.03.2003	Particulars	31.03.2004
5,02,750	Subscription - Library	3,16,781
1,73,028	Subscription - Internet	2,79,000
6,75,778		5,95,781

SCHEDULE H : CASH & BANK BALANCES

(In Rs.)

31.03.2003	Particulars	31.03.2004
-	Cash in Hand	-
	Balances with Banks :	
17,64,470	- in Savings Account	9,18,494
1,97,827	- in Current Account	-
7,00,03,493	- in Fixed Deposit	5,47,72,410
7,19,65,790		5,56,90,904

SCHEDULE I : CURRENT LIABILITIES

(In Rs.)

31.03.2003	Particulars	31.03.2004
-	Project Support Advances	11,10,949
24,19,000	Deposits from Students	37,74,000
-	Sundry Creditors for Capital Expenditure	1,44,88,077
9,45,210	Expenses Payable	9,02,383
1,38,030	Other Liabilities	-
35,02,240		2,02,75,408

SCHEDULE J : PROVISIONS

(In Rs.)

31.03.2003	Particulars	31.03.2004
-	Gratuity	5,95,829
-		5,95,829

SCHEDULE K : REVENUE ACCOUNT

(In Rs.)

31.03.2003	Particulars	31.03.2004
3,04,00,044	Opening deficit	3,62,28,223
58,28,180	Add: Current year deficit transferred from	
	Income & Expenditure Account	1,01,48,615
3,62,28,224		4,63,76,838

Schedule to Income & Expenditure Account for the year ended 31.03.2004

SCHEDULE L : STUDENT RECEIPTS

(In Rs.)

31.03.2003	Particulars	31.03.2004
2,11,46,000	Student Fee	2,66,76,000
31,51,000	Entrance Examination Fee	25,12,100
19,22,755	Hostel Receipts	19,84,254
2,62,19,755		3,11,72,354

SCHEDULE M : SEMINARS & WORKSHOPS

(In Rs.)

31.03.2003	Particulars	31.03.2004
Receipts		Payments
5,000	Workshop on Application Development	-
10,000	Workshop on Datamining in Business Applns	-
2,00,840	WHO NHIC Workshop	1,68,573
5,60,000	Microsoft Workshop	-
2,10,000	Engineering Education in India	92,550
1,92,000	Wipro Workshop	56,212
6,44,302	Accentures Workshop	4,38,715
1,07,770	UGC Workshop	84,270
1,00,000	CBIT Workshop	-
90,000	Stratagium Workshop	84,286
1,16,023	Cisco Training Programme	1,72,497
22,35,935		10,97,103

SCHEDULE N : OTHER RECEIPTS

(In Rs.)

31.03.2003	Particulars	31.03.2004
9,13,575	Consultancy Income	9,20,922
6,50,719	Insurance Claims	-
-	Profit on Sale of Fixed Assets	1,83,361
50,000	Placement Fee	1,00,000
1,00,000	Donations Received	3,000
85,178	Others	56,755
17,99,472		12,64,038

SCHEDULE O : FACULTY EXPENSES

(In Rs.)

31.03.2003	Particulars	31.03.2004
47,60,242	Faculty Salary	61,10,032
-	Provision for Gratuity	4,19,796
3,42,135	Travel	9,34,281
5,80,850	Honorarium & Professional Charges	9,31,041
56,83,227		83,95,150

SCHEDULE P : STUDENT EXPENSES

(In Rs.)

31.03.2003	Particulars	31.03.2004
17,95,747	Hostel Expenses	25,68,278
18,61,265	Examination Expenses	11,49,214
54,596	Insurance	45,439
99,014	Welfare Expenses	2,82,847
38,10,622		40,45,778

SCHEDULE Q : RENT, OPERATION & MAINTENANCE

(In Rs.)

31.03.2003	Particulars	31.03.2004
1,37,37,864	Rent, Operation & Maintenance - ITPL	55,10,582
4,69,027	Energy Consumption	14,22,643
5,27,978	Housekeeping & Security	15,65,665
7,49,668	Repairs & Maintenance	16,07,471
1,54,84,537		1,01,06,361

SCHEDULE R : STAFF EXPENSES

(In Rs.)

31.03.2003	Particulars	31.03.2004
8,16,765	Staff Salary	9,73,200
-	Provision for Gratuity	1,76,033
90,198	Staff Travel	94,707
54,558	Staff Welfare	1,40,889
9,61,521		13,84,829

SCHEDULE S : ADMINISTRATIVE & GENERAL EXPENSES

(In Rs.)

31.03.2003	Particulars	31.03.2004
8,16,765	Staff Salary	9,73,200
4,20,855	Promotional Expenses	9,46,843
41,734	Courier & Postage	23,210
1,04,748	Printing & Stationery	1,73,474
1,25,385	Bank Charges	3,421
3,20,537	Insurance	2,88,314
2,20,080	Other Administrative Expenses	4,96,960
12,33,339		19,32,222

Cash Flow Statement for the year ended 31st March 2004

Particulars	31.03.2004	
	Rs.	Rs.
Cashflow from Operating Activities :		
Excess of Expenditure over Income		1,01,48,615
Less : Depreciation	2,04,27,697	
Interest on Fixed Deposits	-59,73,443	
Profit on Sale of fixed asset	-1,83,361	
Preliminary Expenses Written off	64,742	
		1,43,35,635
		41,87,020
Changes in Current Assets & Liabilities :		
- Advances & Receivables	-11,23,691	
- Deposits	52,26,354	
- Prepaid Expenses	79,997	
- Current Liabilities	1,73,68,997	
		2,15,51,657
Net Cash generated by Operating Activities		2,57,38,677
Cashflow from Earmarked Funds & Grants :		
- Increase in Earmarked Funds	59,26,796	
- Increase in Revenue Grants	6,30,898	
- Increase in Capital Grants	13,75,00,000	
Net Cash provided by Earmarked Funds & Grants		14,40,57,694
		16,97,96,371
Cashflow from Investing Activities :		
- Purchase of Fixed Assets &		
Change in Capital Work in Progress	19,80,97,301	
- Interest on Fixed Deposits	-59,73,443	
- Proceeds on Disposal of Fixed Assets	-60,52,600	
Net Cash used in Investing Activities		18,60,71,258
Net decrease in Cash & Cash Equivalents		1,62,74,886
Cash & Cash Equivalents :		
- At the beginning of the year 01.04.2003		7,19,65,790
- At the end of the year 31.03.2004		5,56,90,904

Schedule T: Significant Accounting Policies & Notes forming part of accounts for the year ended March 31, 2004

Significant Accounting Policies:

1. **Basis of Preparation:** The financial statement have been prepared under the historical cost convention and the accrual basis of accounting, and in accordance with generally accepted accounting principles and standards.

2. **Capital Grants:** Grants received from Government of Karnataka for the purpose of initial setting up capital expenditure of the institute, and Corpus Donations received from others towards Capital Expenditure of the institute is grouped under Capital Grants. Grants received from Government of Karnataka and others towards meeting the initial capital expenditure in setting up Hubli Branch of iiitb is also shown under Capital Grants.

3. **Revenue Grants:** Donations/Grants received without the stipulation that only the Income Earned to be utilised for the purpose of institute, and which are not towards any Capital Expenditure are shown under Revenue Grants.

4. **Earmarked Fund:** Donations/Grants received with a stipulation that only the Income Earned to be utilized for the purpose of institute are shown under Earmarked Fund.

5. **Fixed Assets:** Fixed Assets are shown at Cost of acquisition, which includes taxes, duties and other related direct expenses Less Depreciation.

6. **Capital Work in Progress:** Capital Work in Progress includes cost of fixed assets that are not ready for their intended use and also includes advances paid to acquire fixed assets.

7. **Depreciation:** Depreciation on fixed assets has been provided on written down value method at the rates specified in the Fixed Assets Schedule. Additions to fixed assets during the year have been depreciated on pro rata basis from the date of capitalisation. Deletions to fixed assets during the year have been depreciated on pro rata basis up to the date of deletion/sale.

8. **Foreign Currency Transactions:** Grants received / expenditure incurred in foreign currency are recorded at the Exchange Rate at which these transactions are settled.

9. **Income Tax :** The institute has been registered as a Charitable Institution under Section 12A of the Income Tax Act, 1961. Hence the Income of the institute is exempt from payment of tax subject to fulfillment of conditions therein. Hence no provision for income tax is being considered in the books of account of the Institute.

10. **Library Expenses:** Library Expenses incurred towards subscriptions and towards purchase of books are expensed in the year of payment itself since these books become outdated in view of the fast emerging technological changes

11. **Preliminary Expenses:** Preliminary Expenses are amortised over a period of 10 years commencing from the year in which the Institute commenced its operations.

12. **Staff Retirement Benefits:** The Institute contributes to Statutory Provident Fund Scheme (A defined contribution retirement plan) for all its employees. Provident Fund dues are recognised when the liability to contribute to the Provident Fund arises under the Provident Fund Act.

    The liability for Gratuity has been recognized in the books of accounts as stipulated under the payment of Gratuity Act, 1972.

	Current Year	Previous Year
Notes to Accounts:		
1. Contingent liability towards Bank Guarantee issued not provided for in the accounts	0	59.46 Lacs
2. Estimated amount of capital expenditure commitments not provided for (net of advances)	468.80 Lacs	0
3. Pending completion of legal formalities, the land at Electronics City shown in Schedule of Fixed Assets is yet to be registered in the name of the Institute.	0	0
4. Capital work in progress represents amount spent towards:		
i. Interior decoration expenditure of iiitb Hubli, which is yet to become operational	0	210.00 Lacs
ii. Hostel Block under construction in the new campus at electronics city	131.23 Lacs	0
5. iiit-b Hubli expenses debited in the Income & Expenditure Account includes Rs. 87,944/- being the revenue expenses incurred upto 31 March, 2003 which was reckoned as recoverable from Government of Karnataka in the previous year accounts, and the same is charged off as expenses in the current year, since the Institute no longer considers it as recoverable.		
6. Rs. 1,73,864 shown as Utilisation from Manmar Project Grant represents expenditure incurred on behalf of Manmar Technologies Ltd., in earlier years which has been set off now against their Project Grant Account,as the same is considered irrecoverable, and the surplus remaining in the Grant Account has been transferred to Income & Expenditure Account.		
7. In view of the financial difficulties faced by the Institute on account of the ongoing Capital Expenditure activities, the Institute has not made the Earmarked Investment for Chair Professorship Fund.	180.08 Lacs	0
8. Previous year figures are regrouped and rearranged wherever necessary to conform to current year classifications.		

For Indian Institute of Information
Technology - Bangalore

S.Sadagopan
Director

Place: Bangalore
Date : 09/07/2004

As per our report of even date

For Shenoy & Kamath
Chartered Accountants

K S R Shenoy
Partner
Membership Number : 200152

**Indian Institute of
Information Technology
Bangalore**

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