Programme for ICT delegation to India

Tuesday 4 November – Sunday 9 November 2008

Monday 3 November 2008		
Time	*Activity*	*Comments*
18.20	**Flight schedule:** Departure from Copenhagen	

Tuesday 4 November 2008		
Time	*Activity*	*Comments*
06.20	Arrival New Delhi	Pick-up by The embassy
08.00	Check in at The Imperial Hotel	
10.30-11.30	Travel to C-DAC (Centre for Development of Advanced Computing, Noida)	
11.30-12.30	Visit C-DAC	http://www.cdac.in/ Primarily an R & D institution involved in the design, development and deployment of advanced Information Technology (IT) based solutions.
12.30-13.15	Travel	
13.15-14.30	Lunch at Radisson, Noida	
14.30-15.00	Travel to BIT (Birla Institute of Technology) Noida	
15.00-16.00	Visit BIT	http://www.bitmesra.ac.in/ext/noida.asp BIT-Noida is an extension started in 1998, and currently has over 900 students enrolled, of which over 300 are post-graduate students. BIT currently collaborates with the C-TIF (Centre for Tele InFrastructure) Aalborg University
16.00-17.00	Travel to NASSCOM	

Tuesday 4 November 2008 *Time*	*Activity*	*Comments*
17.00- 18.00	NASSCOM	http://www.nasscom.in/ NASSCOM was set up in 1988 to facilitate business and trade in software and services and to encourage advancement of research in software technology. It is a not-for-profit organization, registered under the Indian Societies Act, 1860. Currently, NASSCOM is headquartered in New Delhi, India with regional offices in the cities of Mumbai, Chennai, Hyderabad, Bangalore, Pune and Kolkata. NASSCOM is a global trade body with over 1200 members, of which over 250 are global companies from the US, UK, EU, Japan and China. NASSCOM's member companies are in the business of software development, software services, software products, IT-enabled/BPO services and e-commerce. NASSCOM has been the strongest proponent of global free trade in India.
18.30	Return to The Imperial Hotel	

Wednesday 5 November 2008 *Time*	*Activity*	*Comments*
	Check out from The Imperial Hotel	
09.30- 10.00	Travel to MIT (Ministry of Information and Communication technology)	
10.00- 12.00	Meeting MIT	Discussions on potential areas of collaboration within the field of ICT hereunder preparation aiming at the signing of an MoU
12.00- 13.30	Lunch at MIT, location t.b.d (possibly hosted by MIT)	
13.30-	Return to hotel	
16.00- 17.30	Travel to Airport	

Wednesday 5 November 2008		
Time	*Activity*	*Comments*
19.30-22.05	Departure to Bangalore Arrival Bangalore	Jetairways fly no 9W811 afgang 17.50, ankomst 20.30 Eller Jetairways fly no 9W834 afgang 19.30, ankomst 22.05
?	Check in hotel…	

Thursday 6 November 2008		
Time	*Activity*	*Comments*
10.00	Visit to IIIT – Bangalore (International Institute of Information Technology – Bangalore)	http://www.iiitb.ac.in/index.htm Institute established by Gov of Karnataka and IT Industry to ensure steady flow of IT graduates. IIT-Bangalore is managed by a Governing Body with Mr. N.R. Narayana Murthy, Chief Mentor, Infosys, as Chairman Offer PhD as well – and co-ops with industry on advance R&D – see http://www.iiitb.ac.in/research_areas.htm Therefore scope for co-op with Denmark and Danish academia and Danish IT Industry
12.00	Visit to INFOSYS SETLABS – a special part of Infosys focused on Software, Engineering and Technology – i.e propriety research. We have contacts – courtesy Shankar IDK to the head of the lab – Vice President Subu Goparaju.	http://www.infosys.com/research/engage-with-setlabs/default.asp Setlabs have collaborative models with universities, institutes, and technology/platform vendors in furthering research. We have research collaboration arrangements in the areas of: • Sponsored research projects at universities • Post-doctoral research at our facilities in India, mentored by university faculty • Short-term and long-term sabbatical opportunities Research centers at select universities
14.30	Return to hotel.	internal delegation work/meeting at hotel

Thursday 6 November 2008 *Time*	*Activity*	*Comments*
19.00	CEO Conclave at Bangalore IT conference + Dinner (optional)	See details on: http://bangaloreit.biz/BangaloreIT_ceo_conclave.htm The 'CEO Conclave' at BangaloreIT.biz 2008 will see Industry Captains from the ICT Industry as well as IT User Groups and Policy Makers come together on a single platform. They would throw light on the challenges ahead, uncover potential opportunities and discuss the means to achieve exponential growth.

Friday 7 November 2008 *Time*	*Activity*	*Comments*
10.30	Visit to Bangalore IT conference	www.bangaloreit.biz **DAY 2, FRIDAY, 7TH NOVEMBER, 2008** **09.30 – 10.15 am Highlight Lecture** Mr. Gary F. Lear, CEO & Global MD, Development Beyond Learning India Pvt. Ltd. **10.15 – 11.40 am IT and Manufacturing – Designed and Made in India** Mr. Venkat Kedlaya, Chairman (SR), MAIT. Mr. Sunil Shenoy, Director, Advisory Services, Ernst & Young Pvt. Ltd. Mr. Vinay Deshpande, Chairman & CEO, Encore Software Ltd. Mr. Henry Mohan, Director - Manufacturing Operations, Motorola India. 11.40 – 12.10 TEA **12.10 – 13.30 Delivering Large Scale Change in Healthcare Through ICT** Dr. Arjun Kalyanpur, MD, CEO and Chief Radiologist, Teleradiology Solutions Pvt. Ltd. Mr. Venkat Changavalli, CEO, Emergency Management and Research Institute. Dr. Ajoy K Ray, Head, Medical Science & Technology, IIT Kharagpur. Mr. Satish Kini, Chief Mentor, 21st Century Health Management Solutions Pvt. Ltd.

Friday 7 November 2008 *Time*	*Activity*	*Comments*
		Ms. Vijaya Verma, Founder & CEO, Yos Technologies Pvt. Ltd. 13.30 – 14.30 Lunch **14.30 – 16.00 Panel Discussion on "Solar PV: Advantage India"** The session will be conducted by the Indian Semiconductor Association (ISA) **16.00 – 16.30 Tea** **16.30 – 18.00 ICT in Education – Revolutionizing the Classroom** Prof. V. N. Rajsekharan Pillai, Vice Chancellor, Indira Gandhi National Open University, (IGNOU) Dr. Deepak Phatak, Subrao Nilekani Chair Professor, Department of Computer Science and Engineering, IIT, Bombay. Prof. Sadagopan, Founder Director, IIIT - B Mr. Vivek Sawant, Managing Director, Maharashtra Knowledge Corporation Limited. Mr. Deepak Shikarpur, IT Evangelist and eActivist.
18.00	Depart for airport	

Saturday 8 November 2008 *Time*	*Activity*	*Comments*
		Nothing scheduled so far for this day

Sunday 9 November 2008 *Time*	*Activity*	*Comments*
09.30 13.15	Departure from New Delhi Arrival Copenhagen	

Tuesday 4 November 2008 at 11.30-12.30: C-DAC

Established in March 1988, as a Scientific Society of the Department of Information Technology (formerly, Dept. of Electronics), Ministry of Communications and Information Technology (formerly, Ministry of Information Technology), Government of India, The Centre for Development of Advanced Computing (C-DAC), is primarily an R & D institution involved in the design, development and deployment of advanced Information Technology (IT) based solutions.

In a little over a decade since inception, C-DAC has developed and supplied a range of high performance parallel computers, known as the PARAM series of supercomputers. C-DAC's development activities in this area have been mission oriented and driven by its mission objectives, both in technology and application developments.

C-DAC, as a result of its pioneering developments, evolved the Graphics and Intelligence based Script Technology (GIST), with a view to extend the benefits of Information Technology to the vast and diversified multilingual population of India. Use of the GIST range of software and hardware products has led to the proliferation of the use of computers and their applications in all major Indian languages, with hundreds of thousand of users countrywide.

Over the years, C-DAC has diversified its activities to address requirements in various areas, consequently, our expertise also extends to other advanced areas of Information Technology, enabling IT based solutions in areas like Financial and Capital market simulation and modeling, Network and Internet Software, Healthcare, Real Time Systems, eGovernance, Data Warehousing, Digital library, Artificial Intelligence and Natural language processing.

As part of its development activities C-DAC has been awarded a number of sponsored R & D projects, by the Department of Information Technology, Department of Official Language (DOL), Department of Science and Technology (DST), Department of Scientific and Industrial Research (DSIR), Department of Culture, Department of Biotechnology etc.

Driving business through its R & D, C-DAC has undertaken and executed projects for a number of organizations in Government, both Centre and States, and Corporates. These are categorized in the areas of:

- High Performance Computing & Communication for scientific and business applications
- Networking
- Turnkey Solutions for Power, Telecom, Health, Financial Market etc.
- Third party products based value - addition in products and services
- Geomatics
- eGovernance

C-DAC's Advanced Computing Training School (ACTS) is dedicated to creating high quality manpower for C-DAC in particular and the IT industry in general through the designing and delivering various courses. The courses are offered through a network of 100 plus Authorized Training Centres (ATC's) in India, besides the C-DAC's own centers in Pune, Delhi, Hyderabad & Bangalore.

Over 30,000 students pass out every year from these courses. They are today successful employees of many Multinational and premier Indian IT companies, and many of them have also become successful entrepreneurs also.

The diverse courses offered by ACTS, which are popular and most sought after, are:

- Diploma in Advanced Computing (DAC)
- Diploma in Embedded Systems Design Course (DESD)
- Diploma in Geoinformatics Course (DIG)

- Diploma in Information Technology (DIT)
- Advanced Diploma in Information Technology (ADIT)
- Diploma in VLSI Design (DVLSI)
- Co curricular Diploma in Advanced Computing
- Diploma in Advanced Computer Arts (DACA)
- Multimedia & Computer Arts Certificate

New courses in the area of Geomatics, Enterprise System Management (ESM), Embedded Systems are also being offered. ACTS also conducts specially designed courses for Corporate bodies.

The National Multimedia Resource Centre (NMRC) of C-DAC is engaged in the development of tools and templates for fast and convenient designing of multimedia titles and web content both for professionals and entrepreneurs who wish to adopt multimedia as their profession.

C-DAC's National PARAM Supercomputing Facility (NPSF) located in Pune houses its latest and most powerful PARAM 10000, a 100 Gigaflop peak computing power Supercomputer. It is being used by C-DAC's own scientific and business applications development team and researchers and institutions all over the country.

Tuesday 4 November 2008 at 15.00 – 16.00: BIT (Birla Institute of Technology)

BIT, Mesra is a "Deemed University" under Sec. 3 of the U.G.C. act 1986. It functions under the overall supervision, direction and control of a high power Board of Governors, comprising representatives of the Ministry of Education, Government of India, the U.G.C., the State Government, The Chancellor, the AICTE, The Hindustan Charity Trust and the Institute Faculty. Shri G.P. Birla is the Chairman of the Board of Governors. The Governor of the state of Jharkhand is the Chancellor of the Institute. The Technical Council decides the academic policy of the Institute.

The Institute has been accredited by the National Assessment & Accreditation Council (NAAC) & the National Board of Accreditation (NBA) established by the UGC & AICTE respectively. The Birla Institute of Technology was established in the year 1955 at Mesra, Ranchi, by the Philanthropist-Industrialist Mr. B M Birla with a vision to be recognized as a world-class learning institution for engineering and technology by providing the highest-quality academic programmes that foster student development and connect knowledge, practice, and outstanding scholarly research.

Over the last fifty years, the Institute has not just kept pace with the times; it has often taken a lead in introduction of programs in emerging areas.

The Institute today offers Under Graduate, Post Graduate as well as Doctoral level programmes in Engineering & Technology, Applied Sciences, Remote Sensing, Computer Applications, Information Science, Bio-Medical Instrumentation, Biotechnology, Pharmaceutical Sciences, Business Management & Hotel Management & Catering Technology.

The total number of registered students now exceeds 10,000 distributed amongst the main campus at Mesra and the extension centers within India as well as three overseas centers.

A rich heritage of academic excellence; a strong commitment towards creation and constant upgradation of academic infrastructure; an unremitting interaction with the industry; an unrelenting endeavour to develop effective teaching skills of its faculty and to provide an environment that promotes productive research and most of all a stringent intake of the best talent have placed BIT amongst the frontrunners in the domain of

technical education and research. With students drawn from all the States of our Country, the Institution has endeavoured to maintain its all India character. BIT has graduated over 18,000 Degree holders in Engineering & Technology and over 2500 Post graduates. The active research programmes of the Institute have produced a number of Doctorates (PhD's) in various areas.

The Institute has also been active in initiating as well as becoming a part of International ventures and tie-ups. It has collaborative arrangements with Universities in the USA, UK & Canada. It is an active member of the EAGER NETWIC Project of ASIA LINK programme of European Commission for establishing a world class academic network of Higher education in the rapidly growing field of Wireless and Mobile Communication between the five partner Universities.

BIT has been catering to the manpower needs of almost all the major sectors of the economy since the last five decades. BIT alumni have made the Institute proud of their achievements, many of whom are amongst the leaders of the Industry, both in India and abroad.

The Institute along with its extension centers at present has more than 10000 students enrolled for different Undergraduate and Postgraduate Programmes. It also has more than 150 registered students for the Ph.D. Programmes.

The Institute started the Extension Centre in Noida 1998 with the BCA course. The courses being offered currently are MCA, MBA, BCA, BBA and B.Sc. in Animation & Multimedia. The Centre now also registers scholars for PhD. programmes in Management & Computer Science.

The Centre has well equipped computer laboratories with an animation & multimedia laboratory and studio, and an internet laboratory. All the laboratories Departments and Sections are connected in LAN. The Centre has an excellent library and subscribes to e-journals. It has its own auditorium for conducting seminars, workshops and other students' activities.

The Centre has a strong core faculty in all related subjects. It also has the location advantage to engage guest faculty from industry and other institutions for specialized lectures. This location is also a gateway to a large number of IT companies and other major corporates at Greater Noida, Gurgaon, and Noida itself.

The Noida Extension Centre currently has over 900 students on its rolls, of which over 300 are postgraduate students. The students organize their own sports, cultural and other extra-curricular events, and also take active part in cultural events, sports and technical festivals organized at the main campus at Mesra.

The Placement Cell of the Centre actively assists students in securing jobs in leading companies. Final year students also participate in campus placement at the Mesra, and secure excellent placements in major renowned companies.

Tuesday 4 November 2008 at 17.00-18.00: NASSCOM

NASSCOM is a global trade body with over 1200 members, of which over 250 are global companies from the US, UK, EU, Japan and China. NASSCOM's member companies are in the business of software development, software services, software products, IT-enabled/BPO services and e-commerce. NASSCOM has been the strongest proponent of global free trade in India.

NASSCOM was set up in 1988 to facilitate business and trade in software and services and to encourage advancement of research in software technology. It is a not-for-profit organization, registered under the Indian Societies Act, 1860. Currently, NASSCOM is headquartered in New Delhi, India with regional offices in the cities of Mumbai, Chennai, Hyderabad, Bangalore, Pune and Kolkata.

NASSCOM has been the strongest proponent of global free trade, and is committed to work proactively to encourage its members to adopt world class management practices, build and uphold highest standards in quality, security and innovation and remain competitive in today's rapidly changing technology landscape.

NASSCOM's Vision is to maintain India's leadership position in the global offshore IT-BPO industry, to grow the market by enabling industry to tap into emerging opportunity areas and to strengthen the domestic market in India.

By 2010 India's IT-BPO industry could potentially generate US$60 billion in export revenues, account for 8 percent of the GDP, pay for a massive infrastructure build-out, and sustain around 10 million jobs.
To achieve this, NASSCOM is constantly raising the bar across processes and quality standards – within its member companies and making them partners of choice for customers across the globe. It also enables the Indian IT-BPO industry to evolve in accordance with the rapidly changing technology landscape by adopting, implementing and often creating world class practices.

NASSCOM Membership
NASSCOM welcomes as members, companies and firms that are incorporated and/or are registered in India, which have made and will make positive contributions to the IT-BPO industry in India and globally. Member companies are expected to comply with the Association's code of conduct.

Aims and Objectives
NASSCOM aims to drive the overall growth of the global sourcing market and maintain India's leadership position, by taking up the role of a strategic advisor to member companies in the Indian IT-BPO sector. NASSCOM's varied strengths include creating and influencing government and public policy, international trade development, research and market intelligence services, and access to an international network through 17 MoUs and linkages with 40 industry associations across the globe. This enables NASSCOM to advise members – both established and emerging companies to further their growth.

Other goals include enhancing data security, improving talent supply, encouraging innovation, strengthening local infrastructure and driving operational excellence. NASSCOM also works with academic and industry advisors to formulate world-leading operational excellence standards.

Last but not the least, NASSCOM endeavors to narrow the digital divide in India and enable all citizens to enjoy the benefits of IT, through NASSCOM Foundation (NF). NF is a trust registered under the Indian Trust Act 1882, and has been set up with a vision to leverage Information and Communication Technologies (ICT) for empowering and transforming the lives of the under served. One of the primary reasons for the formation of NF was the commitment of NASSCOM and its member companies to promote social development through the application of ICT. The objective is to take forward this task in a dedicated and focused manner.

NASSCOM's seven fold strategy towards achieving these objectives:

- Strengthen the brand equity of India as a premier global sourcing destination
- Partner with Government of India and State Governments in formulating IT policies and legislation. Partner with global stakeholders for promoting the industry in global markets.
- Strive for a thought leadership position and deliver world-class research and strategic inputs for the industry and its stakeholders.
- Expand the quantity and quality of the talent pool in India
- Continuous engagement with all member companies and stakeholders to devise strategies to achieve shared aspirations for the industry and the country.
- Encourage and facilitate members to uphold world class quality standards and enhance operational excellence.

- Aim to uphold Intellectual Property Rights of its members.

Membership Strength
The membership of NASSCOM has been steadily increasing. In 1988, NASSCOM had 38 members, who together contributed close to 65 percent of the revenue of the industry. Since then, membership of NASSCOM has grown multifold to reach over 1200 members in 2007. These members currently account for over 95 percent of the revenues of the industry in India.

PARTNERSHIP WITH THE GOVERNMENT
NASSCOM acts as an advisor, consultant and coordinating body for the IT-BPO industry in India, and has played a key role in enabling the government in India to develop industry friendly policies. NASSCOM has been a proponent of free trade, arguing for zero tariff protection, strong intellectual property and data protection laws, deregulation of the telecom market and the creation of software technology parks and private sector participation in the education system - measures which have resulted in significant growth of the industry. Currently, NASSCOM with the industry is working towards the possible extension of the STPI scheme for the IT exports sector, post the announcement of the Union Budget of India 2008.

NASSCOM has also been engaged with various governments overseas, to promote a win-win partnership via global sourcing. NASSCOM also plays a role in engaging with global alliances on software quality standards, immigration policies, WTO and free trade in services, and next-generation best practices in global sourcing of services.

GLOBAL PARTNERSHIPS
NASSCOM plays an active role in the international software community. NASSCOM is a member of the Asian Oceanian Computing Industry Organization (ASOCIO). NASSCOM is also a founder member of the World Information Technology and Services Alliances (WITSA). This forum comprises of ICT associations from around 70 countries.

RESEARCH AND THOUGHT LEADERSHIP
NASSCOM research is one of the most credible in the country and is increasingly respected in global markets. It is backed by strong methodology, proprietary analytical tools and processes, and partnerships with best-of-breed companies in various areas of business, technology and strategic research and consulting.

PARTNERSHIP WITH MEMBERS
NASSCOM provides value-added services to its members to grow their business and create an ecosystem which promotes growth and profitability. These include:

- Platform for enabling business networking through various forums and activities
- Participation in industry events - seminars and conferences, both in India and internationally, and meetings with customer and country delegations
- Access to world-class research and market intelligence services; and counsel from leading analysts and think tanks and consultants
- Access to knowledge of global business practices (taxation, legislation, immigration policies, recruitment and branding)
- Opportunity to "give back" to the society by participation in NASSCOM Foundation, IT Workforce development initiative and other digital divide initiatives
- Contribute in development of global standards and thought leadership in areas of IP creation, security, data protection, and next-generation software quality standards

Wednesday 5 November 2008 at 10.00 – 12.00: Ministry for Information and Communication Technology

Department of Information Technology (DIT) is under the Ministry of Communications and Information Technology, Government of India.

The objective of the Department of Information Technology is to make India a Global Information Technology Super Power and a front-runner in the age of Information revolution. Furthermore, DIT wishes to bring the benefits of electronics to every walk of life and to develop the Indian electronics industry as a global player.

The objectives are:

- Creation of Wealth
- Employment Generation
- IT led Economic Growth

The Role of the Department of IT

- Pro-active facilitator
- Pro-active motivator
- Pro-active promoter
- Spread of IT to masses and
- Ensure speedy IT led development

Thrust Areas of the Department of Information Technology

- To facilitate and catalyze adoption of E-governance packages in the Central and State Governments, as the nodal agency for the implementation of the National E-Governance Action Plan.
- Evolve and implement policy packages to propel growth of electronics and hardware manufacturing
- Increase PC penetration in the country
- Increase utilization of internet in the country
- Growth of domestic software market
- Development of local languages in Information Technology
- To encourage use of IT to increase productivity
- To explore use of IT as a means of generating employment
- In addition, the Ministry is implementing the following 10 Point Agenda:

    - Shall aim at achieving convergence of Information, Communication and Media Technologies. The Department focus would be on PC penetration and thereby bringing Cyber Connectivity to every citizen.
    - To bring about transparency in administration and make government functioning more citizen-centric, the Department would stress on expeditious implementation of the National E-governance Plan.
    - Broadband Connectivity: Providing broadband connectivity to all, at the most reasonable prices.
    - Next Generation Mobile Wireless Technologies: D evelop 4G technology for mobile telephony.
    - National Internet Exchange and Indian Domain Name: To promote for enabling reduced bandwidth cost and better security for internet traffic which originates in India and has destination in India.
    - Migration to New Internet Protocol IPv6: To provide policy framework and promotional measures in the country to enable network providers to migrate to IPv6.

- Security & Digital Signature: To concentrate on Cyber Infrastructure Protection and to promote the use of Digital Signatures in the financial sector, judiciary and education.
- Media Lab Asia
- Language Computing: To enable wide proliferation of ICT in Indian languages.
- Outsourcing Skilled Manpower and R&D Thrust: To make India the world's hub for outsourcing skilled manpower in the IT sector.

Thursday 6 November 2008 at 10.00 – 11.00: IIIT – Bangalore

IIIT-Bangalore is a new generation Graduate School focusing on all aspects of information technology. Started in September 1999, IIIT-Bangalore has the status of a University (conferred under Section 3 of the UGC Act 1956), and is promoted by the Government of Karnataka and the IT industry. IIIT-Bangalore attracts high quality students from all over India into its acclaimed M.Tech., M.S., and Ph.D. degree programs. Along with faculty, they pursue education and research in a unique campus in Electronics City -- the hotbed of IT action in Bangalore. The 1000+ alumni occupy key positions in more than sixty corporations.

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

Thursday 6 November 2008 at 12.00 – 14.00: Infosys Setlabs

Software Engineering & Technology Labs (SETLabs) is the research arm of Infosys. Infosys is at the forefront of anticipating and shaping the evolution of technology and its impact on business.

Infosys delivers innovation through:

Targeted Research
Infosys SETLabs undertakes research in the areas of Malleable Architecture, Pervasive Access, Flexible Processes and Personalized Information.

Centers of Excellence
Our Centers of Excellence (CoE) focus on extending technology competence in convergence, data warehouse and business intelligence, grid computing, J2EE, Microsoft and SOA.

Global Internships
InStep, Infosys' internship program, enables undergraduate, graduate and PhD students to work on live technical and business projects.

Engagements
Infosys SETLabs engages clients through workshops, research projects, joint publications and deployment opportunities.