

Newsletter of the Society for Promotion of IT in Chandigarh (SPIC) under the aegis of the Department of IT Chandigarh Administration

Chandigarh

IT Pulse

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General (Retd) S F Rodrigues, PVSM, VSM Administrator of Chandigarh with Mr Keshub Mahindra, Chairman, Mahindra & Mahindra Ltd, during the Foundation Stone laying Ceremony of Tech Mahindra Campus North at Rajiv Gandhi Chandigarh Technology Park. Also seen in the picture is Mr Vinet Nayyar, MD, Tech Mahindra, sharing the dias with to icons.



Tech-Mahindra Campus Foundation Stone Laid at RGCTP

The fast growing infrastructure of the Rajiv Gandhi Information Technology Park got a major boost with Tech Mahindra, one of the major IT services and telephone solutions providers, setting up of its state-of-the-art software development center and Campus. The foundation stone was laid by the Punjab Governor and Administrator, Union Territory, Chandigarh, Gen. (Retd.) S.F. Rodrigues, PVSM VSM at a ceremony on 1st December, 2007. This integrated Campus will be built on 15 acres of land, at a cost of Rs. 200 crores to accommodate 5000 professionals, equipped with the facilities of video-conferencing, training centers, food courts, an amphitheatre, recreation facilities, a swimming pool, a gymnasium and a sports complex for its employees.

Addressing the executives of the Tech Mahindra and IT professionals after the ground breaking and Bhoomi Pujan ceremony of the Campus on the occasion, General Rodrigues offered a vibrant partnership for upgrading the professional skills of students of universities, colleges and schools of the region and asked the Tech Mahindra Group to come forward with innovative programmes in education endeavor. He said that there is a vast reservoir of talent and knowledge in the northern region and the need is to give the opportunity to our students to develop their abilities. He said that we must jointly create an ideal education environment for our youth to equip them with latest professional knowledge and give them opportunities to contribute for the growth and development of our own country, instead of going abroad as labourers like their fathers. He asked the Tech Mahindra Group to evolve a responsive mechanism to tie up with Universities and colleges located in Punjab & Chandigarh to produce professionals in the IT sector and in other areas, for meeting the requirements of the Chandigarh Technology Park, which has the capacity to absorb over 67,000 technical personnel and three-times more skilled workforce. General Rodrigues further emphasized the need for evolving an integrated mechanism, to facilitate a constant interactive process with other companies in the IT park for mutual benefit and bringing about efficiencies and effectiveness in the system. He emphasized the need for constant performance audit and monitoring of construction and operations in the project to avoid any slippage.

General Rodrigues further said that Chandigarh has emerged as an important service center, catering for a population of 60 million people and serving the

whole region covering Punjab, Haryana, Himachal, J&K, Western parts of UP. He said that we are setting up an Education City to improve the quality of education, with long term programmes and in partnership with various business groups. He said that we have various ambitious plans under implementation, for the future skill level development of our children and preparing them to contribute in creative and productive ventures in different fields of endeavor. He also emphasized the need to optimally combine the existing infrastructure with innovative entrepreneur and management skills to empower our people.

Earlier, General Rodrigues went round the Tech Mahindra Complex in DLF area, interacted with the team managers and professionals. He also asked the management to create a suitable and congenial environment for the youngsters to make them professionally competent and capable. Speaking on the occasion, Mr. Keshub Mahindra, Chairman Mahindra and Mahindra Group Limited said that economic growth must go hand in hand with social development and emphasized the need of human values in business philosophy. He said that the Mahindra Group has always focused on creating an education epicenter within the city and upgrading the vocational skills of our people. He assured that the Mahindra Group will continue in its endeavors in close coordination with the Administration. Mr. Vineet Nayyar, Vice Chairman, MD and CEO, Tech Mahindra said that the organization has been on a continuous journey of transformation, addressing new players in the telecom ecosystem and expanding service lines. He said that we have chosen Chandigarh because of its rapidly developing infrastructure, IT friendly policies and access to a pool of high quality software professionals. Senior officers of the Chandigarh Administration including MR. S.K. Sandhu, Secretary Finance and IT, Mr. P. S. Aujla, Commissioner, Municipal Corporation, Mr. V.K. Bhardwaj, Chief Engineer, Ms. Sunita Moga, Chief Architect and Director IT, Mr. Manjit Brar attended the function.



RAJIV GANDHI
CHANDIGARH
TECHNOLOGY PARK

Year 2007 at a glance



Year 2007 was full of activities and during this year many milestones were achieved. Year 2007 on e-governance front 7 Gram Sampark Centres were set up in the villages of Kaimbwala, Raipur Khurd, Raipur Kalan, Makhan Majra & Bahlana and the 9th Sampark Centre at Sector 40 was also inaugurated. New services like sale of Stamp papers, Patient registration, passport application submission and payment of Airtel landline bills and stamp papers were started in this year.



@-Revolution 2007
Entrepreneur:
Innovation is the Future
August 3rd 2007



The Entrepreneur Development Centre was launched with the laying of foundation stone at Rajiv Gandhi Chandigarh Technology Park on 5th September, 2007 by HE Gen (Retd) S. F. Rodrigues PVSM, VSM Administrator, UT, Chandigarh. The Entrepreneur Development Centre (EDC) is being set up over an area of 1.5 acre approximately at RGCTP. This would contain built up space for companies to take on rental basis and also modern plug and play facilities for research and development laboratories so that the companies can implement innovative technologies. The EDC construction work has been allotted to a Delhi based construction company and the work is going on in full swing. Expected to be completed by October 2008, the project is being funded under the ASIDE scheme of the ministry of commerce by providing 50% of the cost while the remaining part would be spent by the UT administration.

Department of IT in collaboration with NASSCOM set up the Cyber Security and Research Centre at the Punjab Engineering College. Primary focus of CSRC is to conduct high quality research in the general areas of security, and performance optimization in Networking, at affordable costs. The technical consultancy is provided by NASSCOM and the funding to the project is done by Department of IT, Chandigarh Administration through Society for Promotion of Information Technology in Chandigarh (SPIC).



investments in Rajiv Gandhi Chandigarh Technology Park (RGCTP) touched Rs.1,000 crore with Parsavanath launching sale of high-end apartments. Software exports from the IT park has now touched Rs.200 crore. Number of software professionals at RGCTP from 2,500 have increased to 5,000. INFOSYS has started their operations of the first phase where as second phase construction nearing completion. Tech Mahindra sub anchor company at RGCTP started construction of their campus which is a Rs.200-crore project. In built to suit sites companies Amadeus has started their construction where as FCS campus nearing completion. DLF campus occupancy is upto 70% where as remaining building expected to be occupied by February 2008. DLF mall likely to be operational by February 2008.

To create talent pool and to entice industry in this region Department of IT adopted NASSCOM Assessment of Competence (Test) at a cost of 40 lacs. This test was implemented through SPIC in Chandigarh. Around 1500 students from Chandigarh sat for the test for which administration had borne the entire cost. This initiative will help in attracting serious investors and generating employment.

e-Revolution 2007 was organized in Chandigarh from 2nd-3rd August 2007 which was the third in the series of international conclaves initiated by Chandigarh Administration in collaboration with Govt. of Punjab, Haryana & STPI to promote the region as an IT destination. Day 1 of the conference was hosted with NASSCOM initiative " Achieving Excellence through a 360 Approach" as a partner and day 2 was devoted to the promotion of Entrepreneurship in association with TIE, Band of Angels and IVCA. Both the days received an excellent support from the delegates & in particular the budding entrepreneurs of the region who got a great opportunity to interact with successful entrepreneurs, investors & venture capitalists etc. The response further proved the fact that Chandigarh is very aggressive about building and sustaining a perfect eco system for the growth of entrepreneurship in the region. The prominent speakers who participated in this conference were; Srinath Batni, Director & Group Head (Worldwide Customer Delivery) Infosys Technologies Ltd, Vishnu Dusad, MD, Nucleus Software Exports, Vineet Nayyar, Managing Director, Tech Mahindra & Cathy Chandhok, Head of Marketing & International Sales, Infogain.



Another important project- State Wide Area Network (SWAN) has been adopted. SWAN is a project launched by the DIT, Government of India, in the whole country. Under this, state headquarters, district headquarters and block-level offices are to be networked by providing at least 2 Mbps band width through the service provider.

Apart from that, the UT administration is all set to start e-tendering for its various projects for which training of various departments has started at SPIC. This facility would be provided for submitting tender quotations online. E-procurement platform would allow the UT to create and publish tender notices and tender enquiries online. Chandigarh administration is in the process of introducing e-stamping which is a leading edge internet-enabled application which gives the public the convenience of stamping their documents.



New Secretary Finance cum IT Secretary takes over



Mr Sanjay Kumar joined as the Finance Secretary cum Secretary IT, Chandigarh Administration. He took over the charge from Mr S K Sandhu on 10 January, 2008. Mr Sandhu who completed his tenure of 3 years in November 2008, was holding the office till the joining of Mr Kumar. Mr Sandhu's tenure will always be remembered for his contribution towards far-reaching development of Information Technology in Chandigarh and also for his unstinted support and guidance.

Sanjay Kumar, a 1988 batch IAS Officer, from Punjab cadre had earlier served in the UT of Chandigarh as Joint Secretary (Finance) for two years from 1996-1998. Before joining here, Sanjay Kumar was holding the charge of the Secretary (Expenditure) in his parent state. He has served on many important portfolios in the Punjab government like MD Punjab Tourism Development Corporation, Secretary Industries including Chief Administrator PUDA.

New Companies @ RGCTP

Reliance Communication @ DLF Campus

Reliance Communications is all set to open its third business process outsourcing (BPO) centre in Rajiv Gandhi Chandigarh technology Park (RGCTP) in Kishangarh. A 2,000-seat BPO, it would be reportedly set up in 75,000 square feet area taken by the company in the DLF building here. Reliance has taken 75,000 square feet area in DLF complex where the proposed call centre would come up by the March end next year. The company would house its various offices under one roof for making it convenient to the investors and other people connected with the group. These offices include Reliance General Insurance, Reliance Entertainment, Reliance Big 92.7 FM and others. More job avenues would be created in this region with the opening of Reliance call centre in RGCTP.

Ericsson @ DLF

Ericsson which is a world-leading provider of telecommunications equipment and related services to mobile and fixed network operators globally is operational from DLF campus. Over 1,000 networks in 140 countries utilize their network equipment and 40 percent of all mobile calls are made through their systems. Ericsson has started their operation from 13,000 square feet area from DLF campus and right now they are 70 professional strong and they have plans to ramp up the strength upto 160 professionals in 2008. Centre at DLF facility is supporting all the multimedia technologies like IMS, MMS, WAP, SDP and Diameter.



Advisor's visit to SPIC

Mr. Pradip Mehra Adviser to UT Administrator visited SPIC-Centre of Excellence on 28th November, 2007 to attend sixth governing body meeting of SPIC. This was Mr. Mehra's first visit to SPIC since his joining as advisor to UT Administration. A brief presentation was given to Mr. Pradip Mehra about the initiatives and roles of SPIC in IT by Mr. Manjit Brar, Director IT & CEO SPIC. Mr. Mehra appreciated the role played by SPIC in IT and showed keen interest in the initiatives taken by SPIC in HR development.

Meeting was attended by all governing body members i.e. Mr. S.K Sandhu, Finance & IT Secretary, Mr. Krishan Mohan, Home Secretary, Chandigarh Administration, Mr. R.K. Rao, Deputy Commissioner, Chandigarh Administration, Mr. Manjit Brar, Director IT, Chandigarh Administration and Mr. Naresh Sharma General Manager, BSNL.

Training for Chandigarh police at CSRC

The Cyber Security Research Centre, Chandigarh is extending support in enhancing investigating skill levels of the police organizations by extending partnership with state police organizations in organizing various training programmes for police officers in batches. The training programmes were conducted from October 1, 2007 to December 10, 2007 includes dissemination of professionally relevant material in electronic and printed form. The training programme has been designed to describe the characteristics and likely sources of digital evidence and summarize the potential of computer forensics to get evidence from storage media. The programme includes bringing adequate clarification about the action that needs to be taken by the police officer to seize and preserve digital evidence,

confirming to national law and practice.

The courses have been covering the characteristics and likely sources of digital evidence stating the action to be taken to seize and preserve digital evidence, confirming to national law and practice. Under the training programme, the police officers were being explained as to how networks, particularly the Internet can be used by criminals by summarizing the principal forms of evidence that can be obtained for logs from LAN servers, ISPs and telecommunications. Number of cases illustrating the variety of criminal cyber-activities, the relevant laws and the evidence used to support prosecution centre were also discussed. Besides basic training in hardware and software, special topics related to cyber crime were also covered. The trainees were

also provided with case studies and ample emphasis was given on practical and hands-on learning. The course also disseminated professionally relevant material in electronic and printed form. The training programmes were being organized by Centre Coordinators wherein the experts were also invited from industry such as Airtel, E-bay etc and lawyers who had been dealing with electronic crime investigation related issues. The trainees were also taken for site visit to STPI, Mohali who explained the working and other investigation related details.



EDUSAT Programs launched at SPIC

Society for Promotion of IT in Chandigarh (SPIC) has been selected by the Department of Science & Technology, Government of India as a field centre to host training programs conducted by Vigyan Prasar under the Edusat project of Government of India. One day Training programs were hosted at SPIC where programs were beamed through satellite by Vigyan Prasar Centre Delhi. First one day program was organized at SPIC (SIT) on 13th December, 2007 on "50 years of Sputnik". Lecture was delivered by subject expert Mr. Arvind Randae and program was attended by Teachers of Govt. Schools and students of graduation level. Another one day program was conducted on 18th December, 2007 at SPIC on "Popular Science Lecture on Immunology". Lecture was delivered by subject expert Mr. Arvind Randade and program was attended by students of X & XII of Government Model Senior Secondary School.

This Edusat programs comprise of two-way audio-video interactive communication network, primarily established for enhancing science communication. Since this network is a two-way communication system, the subject expert who deliver lecture can interact with the audience at each SITs



and audience can also interact with subject expert. To make training program interactive a special Q & A slot was kept at the end of all programs with subject expert where audience from Chandigarh SITs actively participated.

Under this project SPIC provided a talkback terminal, which comprises space for equipment and accessories installation, mobilization of participants and minor maintenance. SPIC also provide classroom with a capacity of 40-50 participants. The network could also be used for disaster management.

City Gears up for Cyber Security Awareness

GUEST ARTICLE

Dr. Sanjeev Sofat, Professor & Head, Computer Science & Engineering, PEC and Coordinator, Cyber Security Research Centre

"Two CDs containing personal data on about 7 million families went missing in the mail, and the HMRC chancellor resigned". The Top 10 Data Breaches of 2007 CSO online lists stolen hard drives, websites infected with malware and Social Security numbers as passwords and many more to be the most brilliant lunacy of a year full of security disclosures all around the world.

In Indian context, a large number of cases of cyber crime have taken place. Two months back helmet-clad man had robbed a Citibank ATM on SV Road in Kandivali, Mumbai, but the investigating officers are yet to trace the accused. According to a recent report by Deloitte and the International Association of Airline Internal Auditors (IAAIA) published in October 2007, airline frauds have costed the global aviation industry over \$600 million a year. The report further states that fraud has increased five-fold since the last in-depth study of the industry was done six years ago. Last year, Kingfisher Airlines complained to the Economic Offences

Wing (EOW) of an online ticket booking fraud through credit cards saying the airline was duped of around Rs 17 crore.

Moving closer, the city is no exception. The recent case of Mr. Atin Kapoor, an employee of Infosys had to face a fraudulent transaction for an amount of Rs 85,500/- from his salary account in ICICI. Besides, number of cases of obscene profiles of innocent city girls being created with their contact numbers posted anonymously on orkut has also been reported.

A flurry of such like events in last few years demonstrated that issues related to electronic commerce and information security are of deep concern to the public, businesses, government, researchers, and users of the rapidly expanding Internet.

Deriving the deep concerns from the threats of the Information Security it has become extremely pertinent to protect information systems against threats to the confidentiality of information, integrity of information, and availability of information and services in order to build confidence in Information Technology systems. To

protect information in today's highly networked systems environment requires that all individuals must understand their roles and responsibilities related to the organizational mission, IT security policy, procedures, and practices and have at least adequate knowledge of the various management, operational, and technical controls required and available to protect the IT resources for which they are responsible.

Number of Cyber security awareness programs have been conducted and more are being planned by Chandigarh Administration through Cyber Security Research Centre which shall impress upon users the importance of cyber security and the adverse consequences of its failure. The CSRC pioneers in bringing together academia, government, and industry to explore all aspects of information security and trust. Today's economic environment demands that enterprises in both the public and private sectors reach beyond traditional boundaries. Citizens, customers, educators, suppliers, investors and other partners need to work on the issue with a collaborative approach so as to make "thinking security" a natural reflex for everyone.

SPIC at Chandigarh Carnival



Mr. Pardip Mehra, Adviser to the Administrator, visiting the SPIC stall at the Chandigarh Carnival. Accompanying are Mr. Vivek Atrary Director Tourism & Mr. Manjit Brar Director IT.

Chandigarh
CARNIVAL

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EASY ENERGY CONSERVATION TIPS



- ✓ Switch off Lights and Electrical gadgets when not required.
- ✓ Switch off main switch of electronic devices, when you are not using e.g. TV, Computer etc.
- ✓ Use day light as far as possible in office and house.
- ✓ Paint the inner walls and ceiling with faint colours in your house.
- ✓ Defrost the refrigerators regularly.
- ✓ Avoid using large applications during peak hours from 7 a.m. to 11 a.m. and 6 p.m. to 10 p.m.
- ✓ Prefer fan over air conditioners since it consumes 15 times more energy and if used, keep temperature at 25 C.
- ✓ Use CFLs instead of GLS lamps.
- ✓ Use ISI mark electrical appliances and carry out regular maintenance.
- ✓ Use renewable energy devices based on solar, wind, biogas and biomass energy wherever possible.

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