Long back I had brought a poster from the pavements of Delhi’s Connaught Circus. It said “I’m responsible for anything that goes wrong around here”. It still hangs in my room. It never says anything as to who will take the credit when success happens. I generally feel that I’m responsible when something we should have done, we did not do, or something we deserve to get we did not get or something was supposed to work and it did not work. The only time that I did not get any feeling for anything having gone wrong, and on the opposite felt that a few success can be attributed to our way was the conduct of Waves 2007. Never before was so much euphoria and energy on display in the NIST campus. Right from the word go, the students and the MC’s made it a show worthy of remembrance. The rain did not dampen the moods – never knew that rain dance could be so much fun as well. The presentation of the gold and silver medals to the toppers of the batch 2003-07 was made memorable by the eloquent speeches of the students or their parents. So much love for the alma mater was on display, nothing else mattered.

The big news on the IT firmament was the “mass resignations” of below performing TCS employees. It is a bellwether of the times to come – only the toughest survive. This is one lesson NIST knows best. We arm our students with real knowledge on subjects and not wiggly puzzle solvers and synonyms and antonyms from the English test papers to tide over the placement day. There is no substitute for performance and the grueling, hectic pace of life at NIST campus is truly a grooming for the tough times ahead.

15 February 2008

Sangram Mudali
The life of a hack has never been easy, especially if you are not a Page 3 tabloid. No social do’s, no clicking of glasses or high heels, no free food on the tables. The editor’s job at NIST e_news is one of hard work and the feeling of a job done well at the end of it. Month after month, we cajole, collect, edit, work, add, cut & paste, think, reflect, then re-edit, re-work, and then hit the press running. After all, NIST e_news has a history to protect and preserve and a future to dominate. It has to live up to envy and pride for many other publications.

Given with the Herculean responsibility of running the show, we have tried to match step with the need, taste, and expectations of the readers of NIST e_news. In the process if we have hurt anyone’s sentiments, we profusely apologize for that. Today on the 6th Birthday of the Campus News Magazine, on behalf of the entire team of NIST e_news, we the Editors take the pride and privilege of thanking all the mentors, well-wishers, contributors, and the inspirer-readers for all their unflinching support, love and more importantly their involvement and belongingness for which the magazine stands tall among all its hefty counterparts. We take our pledge to retain this wonderful trend and wish that the love and affection that you have shown in the past days will never recede in the times to come.

Resolutions bring in the flavor of the advent of a New Year. And 2008 is no exception. The magazine of the campus takes the resolution to cater to the readers’ expectation and interest in the days to come. At the dawn of a great new year, NIST e_news wishes all its readers a rather belated GRAND NEW YEAR 2008 and let the success line up for all your future endeavors and the spirit go higher and higher with each passing success.

15 February 2008

ACHIEVEMENTS

Placement Drive

MBA 2006 - 2008

The Master of Business Administration (MBA) program of National Institute of Science & Technology (NIST) has proven its credentials as one of the top business schools by achieving more than 50% placement (as per present statistics) for its first batch, i.e., 2008 graduating students. In a record which is yet to be surpassed by any other business schools under the Biju Patnaik University of Technology, the MBA students of NIST have bagged 45 placement offers till February, 2008 from companies like IDBI Bank, IMS Learning Pvt. Ltd., Reliance General Insurance Ltd., Reliance Securities, ICICI Securities Ltd., Suvarnabhoomi Pvt. Ltd., Hyderabad and Vishal Retail
Ltd., New Delhi, BASIX, Hyderabad, India Mart, Mumbai, with an average salary of Rs. 2.12 lacs p.a. 12 more companies are to visit NIST for further recruitment. Explaining the surge in demand for NIST management graduates by the top Financial, Insurance, Retail, Real Estates, Mutual Fund companies, the Director of the Institute, Prof. Sangram Mudali, pointed out that NIST has always focused on providing the highest value addition to its students. Till date we have achieved more than 53% placement. Some good companies like, IDBI Bank, HCL Info systems, Basix, Fiserv, Kotak Securities Pvt. Ltd., NJ Invest India Pvt. Ltd. etc., are in the pipeline.

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Laurels

NRC at “Confluence 2k8”

Mr. Anurag Kumar, Mr. Rajan, and Mr. Amritesh Raj, B. Tech. 6th semester students represented the NIST Robotics Club (NRC), at the “CONFLUENCE 2K8”, the Annual Techfest of NIT, Rourkela held from 17th - 20th Jan, 2008. They participated in two sub events, ‘Aquatrix’ and ‘Wall Climber’, conducted by Robotics Organization of NIT, Rourkela and won the Second Prize in Aquatrix along with prize money of Rs.5000. Their ‘bot’ was based on “hook & slider” mechanism to lift the rings and also used two propellers to sail the ‘bot’ forward and backward. It was named as the “BEST TECHNOLOGICAL BOT”. They also qualified for the semifinals in the “Wall Climbers”.

MBA Students at ‘Confluence-2008’

The MBA first year students, under the guidance of Prof. Bhaskar Bandyopadhyay, participated in ‘The Confluence-2008’, an Inter-College Competition of the ICFAI National College (INC), Berhampur, held on 25th January 2008. The contest was open for five distinct categories, e.g., Hitherto (Marketing game), Marlow’s Mania (HR Game), Investofile (Finance Game), Best Young Manager and Business Quiz. Mr. Suraj Prakash Dalpati became the Best Young Manager while Mr. Manish Sureka and Mr. Mebin Paul bagged the 1st prize for the marketing game, ‘Hitherto’.

Congratulations!!!


1. W. Deepti  Wipro BPO, Kolkata
2. Pragya Mathur  Wipro BPO, Kolkata

National Institute of Science & Technology, Berhampur, 761008
Seminars/Workshops at NIST

Workshop on “Real-time Issues on Power Engineering”

The Department of Electrical & Electronics Engineering, NIST, organized a workshop on “Real-Time Issues on Power Engineering” on 11th December, 2007. The workshop aimed at creating awareness regarding the real time issues on Power Engineering and to develop energy growth of the country with utmost and efficient running of power stations. The workshop could bring people from academia as well as industries. Participants from various educational institutes, such as, OEC, SIT, NMIT, MIET, (all from Bhubaneswar) RIT, SMIT, BSET, (all from Berhampur) and also from Govt. of Orissa attended the said program.

The workshop was inaugurated by Er. N. N. Panigrahi, Retd. Sr. General Manager, Upper Kolab Hydel Project, Orissa, who delivered a lecture on ‘Vibration Problems of Hydro Generators’ and the causes attributing to it. Er. S. C. Nayak, Asst. Manager, GRIDCO being present on the occasion, also delivered a talk on ‘Power Scenario of Orissa: An Awareness’.

Dr. Gayadhar Panda, Faculty, NIST enlightened the audience on “Emerging Trends to Resolve Power Crises.” Er. Niranjan Sahu, Faculty, NIST, Retd. DGM, OHPC Ltd., emphasized on “Transmission and Distribution Losses of Electrical Systems and Remedial Measures to be taken to Minimize these Losses.” Mrs. Sasmita Padhy gave a demonstration on ETAP (An Advanced Computational Package) and its utility in contemporary electrical field.

Distribution of certificates to all the participants of the program brought the curtains down.

Workshop on Foundations of Bioinformatics

The NIST Bioinformatics Club organized a Workshop on Foundations of Bioinformatics on 19th January, 2008 for commemorating the 1st anniversary of Bioinformatika, the official mouthpiece of the club & the maiden as well as the sole technical publication of the institute.

Esteemed Director, NIST, Prof. Sangram Mudali chaired the workshop. The Hon’ble Vice Chancellor, Berhampur University, Prof. B. K. Sahu graced the occasion being the Chief Guest along with other distinguished scientists, Prof. S. Ramakumar, Chairman, Bioinformatics Centre, Indian Institute of Science, Bangalore & Prof. Abhijit Mitra, Head, Centre for Computational Natural Sciences
& Bioinformatics, International Institute of Information Technology, Hyderabad as the guest of Honors. The convener of the event as well as the Editor-in-Chief, Bioinformatika, Prof. Suash Deb, Faculty, Dept. of Computer Science & Engineering and Mr. Shom P. Das, Course Coordinator, M.B.A. engineered the entire program.

Ms. Jyothi Sunil, Manager, Sales & Marketing, Jalaja Technologies Ltd., Bangalore, besides presenting a demonstration on Genocluster Software, also provided useful tips to the students vis-à-vis their career. In order to foster greater interests amongst the students for bioinformatics, Prof. Sangram Mudali, gave away memento accompanied by certificates of merit to 13 of our students of 2004 Batch, for their excellent performance in the 6th semester university examination in bioinformatics. The T-shirt of the workshop was unveiled by Prof. Mudali and been presented to the dignitaries of the function as a token of honour. The workshop came to an end with the concluding remarks & vote-of-thanks proposed by the Director of NIST.

**Xilinx University Program (XUP) - Professor Workshop at NIST**

XILINX, Dallas, USA in collaboration with CG CoreEl, Bangalore conducted a “Professor Workshop on FPGA Design” during 22nd – 23rd January 2008 at NIST. Xilinx organized such kind of workshop for the first time in the state of Orissa. Twenty short listed faculty members from different engineering colleges of the country participated in the workshop. The program was coordinated by Mr. S. D. Mehta from CG CoreEL and Mr. K. Vekatesha from Xilinx University Program. Theory and lab sessions on complete FPGA design were conducted by different Xilinx instructors. As per the Xilinx University program policy all the participants received Xilinx ISE software of worth Rs. 50,000/- to start VLSI Lab from Xilinx as donation. At the closing ceremony, our Director, Prof. Sangram Mudali congratulated all the participants and thanked the Xilinx University Program Manager for organizing such type of workshop at NIST.

**National Workshop on “Advanced Control & Power Engineering”**

The institute conducted a National Workshop on “Advanced Control and Power Engineering” on 29th and 30th of January 2008. The objective of the workshop was to give a brief exposure on Advanced Control Applications in Flight Dynamics including missiles. Apart from this, the power scenario of Orissa and its remedies, and simulation packages like, ETAP and MATLAB SIMULINK were also discussed to help pursue the research in the field of Science and Engineering. Dr. R. K. Padhi, Asst. Prof., Dept. of Aerospace Engineering, IISC, Bangalore; Er. K.C. Jena, Retd. D.G.M., OHPCL; Er. Prahallad Palo, Retd. G. M., Southco; Er. Niranjan Sahu, DGM, (Retd.), OHPCL, Faculty, NIST;
Dr. Gayadhar Panda, Faculty, NIST; Er. Sasmita Padhy, Faculty, NIST; and Er. O. P. Suresh, Faculty, NIST, were the resource persons in the said program. Delegates from various engineering colleges of Orissa, such as, JITM, Paralakhemundi; SMIT, Berhampur; NMIET, Bhubaneswar; and SEIT, Dhenkanal participated in the workshop.

**Conference/Workshop/Seminars Attended**

**Mr. S.M.A.K. Azad**, Faculty, Electrical and Electronics, attended the “National Congress on Renewable Energy Sources” organized by Solar Energy Society of India (SES), New Delhi from 27th - 28th November 2007.

**Mr. K. Lakshmi Narayana**, Faculty, Computer Science and Engineering, attended a 15 day Training Program on “Red Hat Enterprise Linux-5” at Complete Open Source Solutions (Authorized Red Hat Training Partner), Hyderabad, from 1st – 15th December 2007. The training program constituted of three different modules on RH033 Red Hat Linux Essentials, RH133 Red Hat Linux System Administration, and RH253 Red Hat Linux Networking and Security Administration. The complete course focused on ‘Red Hat Certified Engineer®’ Certification.

**Dr. Smeeta Panda**, Faculty, Dept. of Humanities and Basic Sciences, attended the QIP Short Term Course on “Recent Trends and Technologies in Waste treatment and Management” organized by Dept. of Civil Engineering., IIT, Guwahati from 3rd - 7th December 2007. The participants were enriched with the lectures of the various speakers from the host institute; Central Pollution Control Board, Shillong; and NIT, Warangal. Altogether there were 22 talks on environmental problems in North-East India; treatment and management of (1) industrial waste water, (2) industrial off gas, and (3) Leachate; one laboratory demonstration, one field visit to the nearby sewage treatment plant, and one video lecture.

**Dr. Sukanta K. Tripathy** and **Mr. Mihir Hota**, Faculty, Dept. of Physics, attended a Quality Improvement Program on “Fibre Optics & its Application” at IIT, Guwahati from 3rd - 8th December 2007. Eminent speakers from IIT, Guwahati; IIT, Mumbai; ISM, Dhanbad; IIT, Kharagpur; Calcutta University; and OPRL, Switzerland discussed about fiber optics, technology, its evolution and its recent trends. The closing ceremony was attended by the Director IIT, Guwahati. Apart from the local participants from Guwahati University, the program was also attended by around 30 participants from different universities and research organization like D.R.D.O. and T.I.F.R etc.

**Mr. O. P. Suresh**, Faculty, Electrical and Electronics Engineering; **Mr. Mukesh Shukla**, and **Mr. Manoj Kumar Sahoo**, Faculty, Electronics and Communication Engineering participated in a two day
workshop on “Embedded System & DSP-in-VLSI” organised by the Department of Electronics and Communication Engineering under the aegis of TEQIP Cell, NIT, Rourkela in collaboration with Mechatronics Test Equipment (MTE), Pune on 5th & 6th December 2007.

Mr. Chandan Kumar Behera, Faculty, Computer Science and Engineering, attended a workshop on “Advanced Operating System” organized by Department of Computer Science & Engineering and Department of Information Technology, College of Engineering, Bhubaneswar in collaboration with Orissa Information Technology Society (OITS) from 8th – 10th December 2007.

Dr. Ajit K. Panda, Dean along with Mr. Sudhakar Das and Mr. Trupti Ranjan Lenka, Faculty, Dept. of Electronics and Communication Engineering, attended an International Workshop on “Physics of Semiconductor Devices (IWPSD)” from 16th - 20th December 2007 at IIT, Mumbai. Prior to the workshop a 1-day tutorial was held on 16th December at TIFR, Mumbai. Dr. Ajit K. Panda presented a Poster, titled, *GaN based Gunn Diode for High Frequency Signal Generation*.

Mr. R.K. Shial, Mr. Ranjit Behera, Mr. Dayal K. Behera, Mr. Bhabani S. Gouda and Mr. Asish K. Dass, Faculty, Dept. of Computer Science and Engineering, attended an International Conference on “Information Technology” at NIT, Rourkela from 17th – 20th December 2007. Around 60 participants from different parts of the country and abroad participated in the said program. The conference mainly highlighted the essence of the emerging trends in the field of communication networks & Protocols, information ware housing & data mining, security content protection.

Ms. Tripti Mund, Faculty, English, attended a 5-day UGC sponsored, Sensitivity, Awareness and Motivation (SAM) Workshop on “Capacity Building of Women Managers in Higher Education”, at NIT Rourkela from 18th – 22nd December, 2008. An all women workshop was the first of its kind in Orissa. There were a total of 26 participants from the Eastern zone from various colleges of Bihar, Jharkhand, West Bengal and Orissa. Among the resource persons, were, the Chair Person, Women’s Studies; Research Officer, School of Women’s Studies, Jadavpur University; Principal, Maharani Kasiswari College, Kolkata; HOD, English, University of Kalyani; and Professor, Dept. of Biotechnology, NIT Rourkela. The purpose of this workshop was basically
women empowerment and networking of women from various fields to raise their status in the work environment. The workshop was a part of BPUT Training Program.

**Mr. Rajib K. Panigrahy**, Faculty, Electronics and Communications Engineering attended a Workshop on “Image and Signal Processing” at IIT, Guwahati on 28th & 29th December 2007. The objective of the workshop was to provide an opportunity for students, faculties, scientists and engineers to interact with leading researchers in image and signal processing areas. The workshop included invited talks of several experts from Ministry of Earth Sciences, Govt. of India; CMU, USA; IISc, Bangalore; University of Hyderabad; and IIIT, Hyderabad along with poster presentations of contributed papers.

**Mr. Suresh Chandra Patnaik**, Faculty, Humanities and Management Studies, attended an International conference on “Management of Transformation” from 2nd – 5th January 2008 in New Delhi. He attended a pre-conference workshop & management development program on ‘Value Based Approach to Self Transformation and Organizational Transformation’ conducted by Ms. Nirmala Ragbir Day, Research Officer, Dept. of Education Studies (CISE) University of York, UK. Mr. Patnaik also presented a research paper based on his own practical experience of industry entitled “Implementation of Right CRM Strategy for Pharmaceutical Industry”, under the Chairmanship of Prof. Mohammed Saeed, College of Business, Minot State University, Minot, USA.

**Mr. Dipti Ranjan Lenka**, Faculty, Dept. of English, participated in the 5th International Congress on English Grammar (ICEG-08) on the theme “Language Engineering and Information Technology” organized by the Department of Humanities and Basic Sciences, G. Naraynamma Institute of Technology and Science (for women), Hyderabad in association with Systemic Functional Linguistics Association (SFLA), Forum for English Language Teachers (FELT), and English Teachers Forum (ETF), Hyderabad during 6th – 11th January 2008. Around 500 delegates from all across the country and abroad participated in the said conference. A number of 10 plenary talks, 12 workshops, and 177 papers were presented by many eminent speakers from various National and International Universities like, University of Madras; University of British Colombia, Canada; EFL University, Hyderabad; University of Bologna; Macquarie University, Australia; Osmania University, Hyderabad; Sydney University, Australia; BPS Mahila Vishavvidyalaya, Haryana; Central Institute of English and Foreign Languages, UP; Southern Illinois University, USA; JNU, New Delhi; University of Tezpur, Assam and many others, on the various changing facets of English Grammar.

**Mr. Chandan Kumar Behera**, Faculty, Computer Science and Engineering, attended an ISTE sponsored National level Short-Term Training Program on “Design Patterns: Concepts and Practices” at Vishwakarma Institute of Information and Technology, Pune from 7th – 12th January 2008. The primary...
purpose of this training program was to introduce the concept of design patterns in programming to the engineering faculties. Eminent speakers from Object Technology and Infosys, Pune gave a detailed insight into the topic and enlightened all the participants with a vivid exhibition of ideas to help them in the pursuit of their future research endeavours.

Mr. Bhabani S. Gouda and Mr. Asish K. Dass, Faculty, Dept. of Computer Science and Engineering, attended the EMC Training on “Storage Technical Foundation” at NM Institute of Engineering and Technology, Bhubaneswar from 14th - 18th January 2008. Storage Technology Foundations (STF) is the first course in the Storage Technologist Track (EMCST) and is the only course of its kind to fill the knowledge gap in understanding varied components of modern storage infrastructure. This course provides a comprehensive introduction to storage technology, which enables one to make more informed decisions in an increasingly complex IT environment. One learns about the latest storage architectures, such as Storage Subsystems, SAN, NAS, DAS, CAS, IP-SAN, and Information Security. This unique, open course focuses on concepts and principles of storage technology, rather than on specific products.

Ms. Tripti Mund, Faculty, English, attended the BPUT sponsored 5-day training program on “Communicative English for MBA Faculties” held at Centre for IT Education, Bhubaneswar from 14th -18th January, 2008. The program was basically a review of the current syllabus of Communicative English and an insight into the proposed one. Apart from this the participants were trained with the modern techniques of teaching Communicative English.


Dr. Arun Kumar Padhy, Professor, Chemistry and Course Coordinator, B.Tech, attended the “International Conference on Drug Discovery & Nanotechnology” organized at Yashwant Mahavidyalaya, Nanded, Maharastra from 27th – 29th January 2008.

One Month Intensive Training Program for MBA Students

As a prerequisite to the corporate requirements, the MBA 2nd year students were imparted with intensive one-month training, coordinated by Dr. B. Pavan Kumar and Mr. Bhanu Prasad Behera, Faculty, Dept. of Humanities and Management Studies. The students were groomed on different skills including ‘Personality Development’, ‘Communication Skills’, ‘Group Discussions’, ‘General Knowledge’, and ‘Personal ‘Interviews’. Mr. Ratnakar Mishra, Mr. Bhaskar Bandyopadhyay, Mr. Sushant K. Tripathy, Dr. Sisira Kanti Mishra, Mr. Jagannath Mohanty, Mr. B. Balram, Mr. Suresh C. Patnaik, Mr. Ajay K. Rath, Mr. Chinmaya Kumar Sahu, Faculty, Dept. of Humanities and Management Studies, and Mr. Amrut Phalguni Mohanty, Mr. Dipi Ranjan Lenka, Mr. Minakshi Prasad Mishra, Ms. Tripti Mund, Faculty, Dept. of English took the responsibility of training the students.

NIST: A Member of INDEST-AICTE Consortium

It is a matter of pride that NIST is now a member of the INDEST-AICTE Consortium. Under this scheme, NIST has access to all issues (past and present) under the IEEE and IEE umbrella. More than 1000 journals can now be accessed on-line by our students and faculty members. This is expected to provide the much needed fillip to our research work. Contact Mr. Trilochan Panigrahi, Faculty ECE, for details.
**IEEE Journals at Library**

The following IEEE Journals are being subscribed to by NIST faculty members. Interested students may contact them for any research papers, etc.

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<tr>
<th>Faculty</th>
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<td>Mr. M. Suresh</td>
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<td>IEEE Journal of Light wave Technology</td>
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<td>IEEE Trans on Instrumentation and Measurement</td>
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Apart from this, one can also obtain the DVD (softcopy) collection of IEEE MTT, ED, EDL, Solid State Circuits starting from 1965 to 2005, from VLSI Lab. DVD of VLSI and Software Engineering courses are also available at Library as well as in VLSI lab.

**To know more about the IEEE activities at NIST, please contact Mr. Trilochan Panigrahi, Faculty, Dept. of Electronics and Communication Engineering.**

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**NIST welcomes the following members to its parivaar:**

**Mr. V. Rajesh Khana Raju** joined as Faculty in the Department of Mechanical Engineering. He has done his B.E. in Mechanical Engineering from U.C.E., Burla and M.E. from Jadavpur University and currently pursuing his Ph.D. in the area of *Hydrodynamic Stability* from IIT, Kharagpur. Before joining us, Mr. Raju worked as a Graduate Engineer Trainee (GET) at Orissa Construction Corporation Ltd. (OCC), Bhubaneswar; as a Lecturer at Institute of Technology Bhubaneswar (ITB), and at DRIEMS, Cuttack. He has also presented a paper in an International Conference held at Andhra University, Visakhapatnam.

**Ms. Smita Rani Nayak**, joined as a Lab. Supervisor in the Department of Computer Science & Engineering.

**NIST e_news wishes the new members a great future ahead.**
EVENTS

Intra College T.T. Match

An Intra College Table Tennis Tournament was organized for the faculty and staff of the institute from 18\textsuperscript{th} – 20\textsuperscript{th} December 2007. About 16 contenders participated in the tournament. The tournament was kick started by an inaugural match between Prof. Sangram Mudali, Director and Mr. Sidharth B. Neelamani, Course Coordinator, MCA. The semi-finals were played between Mr. Abhro Mukherjee, Faculty & Mr. Bhagabata Behera, Staff and Mr. Sidhartha B. Neelamani & Mr. Gopabandhu Uttarakabata, Staff. Mr. Bhagabat Behera won the tournament beating Mr. Gopabandhu Uttarakabata in the final match and received the ‘Tournament Trophy’ from Ms. Geetika Mudali, Placement Director, NIST.

Yoga Camp

A 7-day Yoga Camp was organized at NIST Ladies’ Hostel- ‘Sagar’, Gopalpur-on-sea from 21\textsuperscript{st} – 27\textsuperscript{th} January 2008. Around 50 students participated in the said camp. The students were illumined with the various benefits of doing different \textit{asanas} of yoga, and \textit{pranayam}.

A Pleasure Trip to Hyderabad

Who doesn’t like to have a break from the routine life? A troupe of 64 faculty members, some with their family members set out to visit the historical Info-City, Hyderabad. Arrangements were made for almost everything starting from the train tickets, lodging and boarding to sightseeing and video show. A stretch of almost 22 hours was spent in one compartment of the train, with a gala celebration of lunch, snacks, and dinner and most memorably the merry-making in all-being-together. The expedition started with the visit to Salarjung Museum and witnessing there the ‘Veiled Rebecca’, one of the master pieces of fine art and masonry. The exhibition of emotion on a coy face of that white stone, life-sized statue astounded all of us. It seemed as if it rejuvenated the spirit of discovering more and more in this short tour. And the same spirit took the group to one of the rich remnants of history, ‘The Golconda Fort’, the witness to the harsh barbarian past. The ‘Light-and-Sound Show’ at the fort made the members vicariously remember the victims of the massacre that had made the fort devoid of its
life. The visit to ‘Ramoji Film City’, a marvelous visionary display of beauty, bounty, and integrity, was equally awesome. Experiencing a 3-D movie at a multiplex like I-max was really breathtaking. Moving around in a virtual icy world at the Snow World, with almost the actual effect of snow, left a lasting effect of man’s creativity. Shopping in the exotic ‘Hyderabad Central’, for something to bring home, brought the curtains down to the 4-day tour.

The entire trip was coordinated by Mr. Sidharth B. Neelamani, Mr. Minakshi Prasad Mishra, and Mr. Chinmaya Kumar Sahu. Many thanks to Prof. Sangram Mudali and Madam Geetika, for their full support, cooperation and encouragement, and above all their presence in the trip, made it more enjoyable and successful. We are equally grateful to Dr. Ajit Kumar Panda, Dean, who could take out some time from his busy schedule and joined us, though for a short while, during the trip.

**Inauguration of Tech-Mall**

A new building was added to the existing infrastructure of NIST. The two-storey building, named as Tech-Mall, got inaugurated by Ms. Geetika Mudali, Placement Director, on 2nd January 2008 in the institute campus. The building houses a book store, a Xerox center, a bank, and the transport office. A rooftop restaurant is in the pipeline.

**New Year Celebrations**

NIST celebrated the New Year 2008 with much pomp and show. Esteemed Director of the institute Prof. Sangram Mudali hosted a party on 2nd January, celebrating the occasion. The entire NIST family of faculty and staff was invited to the grand lunch. The party started with a welcome note by the Director followed by a sumptuous and delightful lunch.

**Republic Day Commemoration**

The 59th Republic Day was commemorated at different hostels of the institute on 26th January 2008. After the unfurling of the tri-colour, sweets and refreshment packets were distributed among the hostel inmates. Students organized a cultural program in the evening.

**ANSWERS of QUIZ on page 15**

1. Mr. N.R. Narayan Murthy of Infosys received “The Order of Legion”, the highest civilian award of France., 2. Accenture, 3. Yet Another Hierarchical Officious Oracle, 4. Mr. Nicholas Sarkozy, the President of France, 5. WACA ground in Perth, 6. 26th January, 7. The General Bank of Bengal and Bihar, 8. FIH men’s Hockey World Cup, 9. Diners Club, 10. 3%
Creativity Corner

Dreams: A Lost Art

Dr. Sisira Kanti Mishra
Dept. of Management & Humanities Science

We learn so many lessons from those we are around growing up. People basically are products of their environments. Our personalities, beliefs, tendencies, and habits mostly are a result of the influence of the people we interact with on a regular basis. Unfortunately, the lessons we are taught generally do not lead to a happy and prosperous life. It seems that we are ultimately taught to conform and settle into the mold that “society” feels we ought to fit into.

Nowhere is this more evident than in the area of dreaming. As children, we spend most of our days dreaming. The world of imagination is our reality. There are no boundaries to what the mind can conjure up. If it can create it, then we can do. Regardless of what is going on around us, we can transform ourselves into anything that we want to be.

Society tells us that this “childlike” innocence is bad. As we get older, we are instructed to grow up and act mature. Certain behavior is expected of us. People who do not conform are given labels such as odd or eccentric. We hear sayings such as “be realistic” or “get your head out of the clouds and your feet on the ground”. Naturally, we are good students so most of us learn these lessons perfectly.

The catastrophic loss in this instance is that we stop dreaming. In an effort to conform, we put all those deep seeded desires aside to do the “responsible” thing. Naturally, being responsible is a terrific way to be. However, it is tragic when someone completely shuts off from dreaming. It is what relegates us to a life that is less than what we were designed to do.

All great accomplishments first take place in the mind. Everything that was ever created began as a thought in someone’s mind. It was the predecessor to the manifestation of something in the physical plane. The habit of dreaming is what enabled these thoughts to flow freely.

Most of histories greatest inventors were dreamers. The Edisons and the Einsteins of the world did not adhere to the realistic way of looking at the world. This can apply to any ones’ life also. Think of the dreams that are stuffed way deep inside of you. What would your life look like if there were no limits? Develop the childlike imagination and realize that the mind can create anything that it pictures. Make the art of dreaming an active part of your life to set the forces in motion to begin to create it in the physical realm. Before it can be created, you must first dream it.

Begin to get back in touch with the dreams that you had as a child. What is it that you desired most? How did you want your life to be when you grew up? Think of ways to expand your consciousness with regards to the different aspects of your life as it is now. The simple starting of this process will get the unforeseen forces of the universe working for you. It is possible to create a life that is a dream to most.
Dream it, Build it

It’s important to have a dream! A man without dream is like a man without direction in life. Life is just passing by. In order to achieve success, first you need to have a dream. In fact, you should spend a lot of time defining your dream as details as possible. You’re half way to succeed if you do this step. After that, find a vehicle(s) to get you from where you are to where you want to be.

Good luck, Dream it and build it…!!!(To be contd…)

The Paranoid

Sudhnashu Bhusan Mohapatra
Faculty, Mechanical Engineering

Overwhelmed with the blessings of matchless gift
Every forward step leads to an illusory appearance
Remaining completely oblivious to the things happening around
Mind obsessed over an unpredictable tomorrow
Existence crawls like insects
Lamenting over the perished antiquity.
Gabbling over mobiles and captivating others by restless action
Implicates the self insane activity.
Churning many subjects together
Disparaging remarks of ambrosia emerges out
Imbibing serenely without hesitation
Enamours the paranoid thoughts.

Dream and its Fate

Surjya Narayan Das
B.Tech, 3rd Sem.

The surreal aeons of ever augmenting desires
The interlude of imaginations that sub-consciously transpires
Faking like ever-beseeching beauties;
Its stratagem allures towards unseen ulterior oddities.
Pendant nestles in every strive;
River of life gurgles with a new vive.
But then the cute reverie grapples,
With the obstinate fate and;
Dream just turns out to be its subordinate
As if only fate is meant to subjugate
But the steadfast soul which really believes in them,
Finally sublimates itself and becomes a gem.

Quiz

Subhasis Dalal
B.Tech, 7th Sem, Team e_news

1. Recently which IT stalwart was honored with the highest civilian award of France?
2. How Anderson’s Consulting Business Firm is is popularly known today?
3. What is the full form of YAHOO which was founded by two Stanford University students Jerry Yang and David Filo?
4. Who was the chief guest at this year’s republic day celebration?
5. At which international test cricket venue do the fast bowlers make use of the local wind called the “Freemantle Doctor”?
6. When is International’s Customs Day celebrated?
7. Which bank in India is said to have been the pioneers of introducing paper currency in India?
8. Apart from hosting the Commonwealth Games in 2010, which other major sporting tournament would Delhi host?
9. Which is the world’s first credit card?
10. What percentage of India’s GDP does the IT services industry contribute to?
The time is just perfect to have a peek at the glorious vision of “Incredible India” as the 59th Republic Day celebrations are just over. It is the vision which is shared by numerous proud Indians as to what they want their nation to be and the vision what the world anticipates India to be!

The future of a nation is determined by its people as to how they think, how they react and most importantly how they perform! To begin with, what could be more interesting than wealth?! Now the world’s richest man, Mr. Mukesh Ambani, is an Indian. Not only big but even small has been set as an example by the Indians. Yes I’m referring to the common man’s latest sweetheart “Nano”. Tata has again proved to the world that whatever others can do, Indians can do it better! Karthikeyan winning the A1 GP race and Mallya’s Force India has displayed the Indian urge to overtake the world in terms of speed also. The performance of India in the IT sector is also exemplary for the world. With the Indian IT majors like TCS, Infosys, Wipro etc taking over various foreign based agencies, their dominance in the market is evident. The recent appointment of Mr. Vikram Pandit as the CEO of the renowned Citibank added to the proof of the Indian talent. Not only Indians but the world has also started seeing India as an emerging power. Recent nuclear achievements of India also highlight the might of the emerging superpower. When the British PM Mr.Gordon Brown arrived in New Delhi he indicated this new perspective when he hailed Indo- UK ties as “partnership among equals”. The French prez also echoed similar views when he visited as the guest of honour at the Republic Day eve. With all the promise that India is now demonstrating...it’s hard for the world to ignore it any more.

There is another aspect for this vision also. To put it simply the other part refers to the way the world thinks about Indians, the way they respond to us and the way they treat Indians! The world still to some extent is holding on to the age old belief about India where it was a mere post-colony and a developing nation. The development of India is yet to be fully accepted by them. With the establishment of India as the major technological hub and as the major market, there has been also a growing feeling of insecurity amongst the so-called developed nations regarding this. Not only this but may be others had perceived that Indians are supposed to be participants and not winners. (Well this was pretty much evident at the surprise at the 20-20 win or the launch of the ‘Nano’!) Their response is in no manner less inhospitable than their belief. The recent controversy about the biased treatment in Australia, other European and American countries towards Indians is self-evident. So is the recent killing of the Indian students abroad. The mere game of Cricket itself turned into a racial drama at Perth! The Big-brother show controversy in UK was another such instance. There are numerous other instances which show the mistreatment of the Indians abroad. Now that’s something which can be called ‘incredible’ (paradoxically!).

Looking at both the aspects of the vision, we find that it is somewhat biased. One wonders that when foreigners come to India they are treated as per ‘atithi devo bhavo’ and are respected as the same, what makes the Indians subject to or deserve humiliation and ill-treatment in their guests’ land? That is certainly unfair on their part. The Indian spirit is one of dignity and definitely not of submissiveness. It’s high time now that the world should acknowledge the Indians as their equals. The Indians on their part need to strive to attain the vision they have always dreamt of. They should consistently work
towards getting rid of the shortcomings that are obviously there. The effort should be to excel themselves. It’s just not enough to dream big...the efforts should also be there to match it and to turn them to reality. Well to admit the wheels of progress are certainly in motion, but the inertia should be maintained. As the poet Robert Frost said “I have promises to keep, and miles to go before I sleep”. There are yet many more milestones to achieve. The vision ‘Incredible India’ dreams of a prosperous, powerful and sovereign nation. The face of this new India is certainly the self-confident, self-assured and a capable one. Let’s pledge to make vision ‘Incredible India’ a reality or should I say “Chak de India”JJ!

[Any suggestions or feedback regarding the article are welcome and can be mailed to vijaya_126@hotmail.com ]

News Desk

Amit Kumar Dash
B.Tech., 8th Sem, Team e_news

Hello readers! The month of December was the last 2007 had on offer for us and the month of January marked the beginning of the year 2008. As time passes by it gives us a variety of changes that occur throughout the world. The last week of December saw the assassination of PPP (Pakistan Peoples Party) President Benazir Bhutto when she was on her way back from a campaign rally for the elections slated in Pakistan in the first week of January. Initially it appeared to be shocking news but later her aides said that she had received life threatening calls and the government did not provide her with extra security which led to her assassination. Such an event has increased the unpopularity of General Parvez Musharaf as he tries to gain control over the country. It’s too much in the part of the public as they were suffering from national emergency and now one of the greatest leaders of the country was assassinated. Benazir followed the legacy of her father Zulfikar Ali Bhutto who was the first prime minister of Pakistan selected in an election and who was executed in 1979 after being deposed in a military coup. Days after her assassination and burial, her eldest son Bilawal Zardari Bhutto was named as the Pakistan People Party President according to the will of Benazir Bhutto. It’s a huge responsibility on the small shoulders of Bilawal who is only 19 year old and currently doing his graduation from Harvard University in US. But most of the people in Pakistan believe that he has the ability to do it as her mother was in a similar situation after her father’s execution and she emerged victorious and successful. Although December saw such a tragic incident but the month of January proved to be very lucky for Sachin Tendulkar because lady luck favored him and he was not only able to break the jinx of getting out in nineties i.e. eight times in 2007, 7 times in one day and once in test but he was also able to notch up two centuries at the tour won against his greatest opponents in Sydney and Adelaide respectively. He now has 39 centuries to his credit more than anyone in the world. Although India lost the series 2-1 they made a terrific comeback after they were outplayed in every department after the 1st Test in Melbourne. Most of the former players believe that if it was not for the below par umpiring and some dubious decisions that cost India the Sydney test, the series could have had a completely different look. But one has to agree that this series will always be remembered not for Tendulkar or Brett Lee’s heroics but the racism slur that took place between Harbhajan Singh and Andrew Symonds. Moreover I believe that such an incident needed to occur so as to give the Aussies the taste of their own medicine (sledging) which they popularly call as mental disintegration. But then the heroics of Brett Lee didn’t go unnoticed as he was awarded the Man of The Series award. Similarly, Tendulkar also was awarded The Padma Vibhushan by the government of India for his continuous perseverance and performance in the field of sports and winning many laurels for the country world
wide along with 12 other eminent personalities, from various fields, such as Ratan Tata, Narayan Murthy, V. Anand, Pranab Mukherjee, Asha Bhosle to name a few. When we talk of Ratan Tata one has to discuss his recent achievement of manufacturing the 1lakh Rupee car (Tata Nano) that was unveiled recently in an Auto Expo in New Delhi. The car is going to hit Indian markets by August this Year. This is believed to be the cheapest car the world has ever seen. But its performance can only be judged after it runs in the Indian roads. When you talk of performance one man that has performed for the Indian cricket team and who all believe did not get the amount of appreciation that he should have got is Anil Kumble. He recently passed the magical 600 mark wicket tally and has become the third person in the world to do so. His 600th scalp was none other than Andrew Symonds. He is the unsung hero of Indian Cricket. When we talk of unsung heroes then currently the best example would be Derrack Obama who’s turned out to be a strong contender for US President along with Hillary Clinton for the most powerful job in the world. Over the months one can find who emerges victorious in the struggle for supremacy.

**Tech Check**

*Ankan Ghosh & Srastanka Kumar Behera*

*B.Tech, 8th Sem, Team e_news*

**Liquid Flask Phone**

Hello friends! This is not a take out of some sci-fi movie. It’s a combination of being liquid powered and touch screened. The NEC Flask phone is slated to be released sometime later this year. The liquid inside the phone starts to drain out as soon as the phone is put to use allowing the user to see how much power has been left. Now comes the catch, readers! We don’t know whether the technology manages to finds its way out of Japan or not.

**Hyundai Cell Phone Watch**

We’re on a new integration kick - multi-function gadgets are the new thing. The Hyundai W-100 cell phone watch has a 1.3MP camera, touch screen, and Bluetooth. Apparently the perfect watch will be available in English and Chinese, and sports microSD for expansion for MP3 audio and video playback. Battery life is sure to suffer but for everything this new gadget packs on your wrist, we’re likely not to care too much so long as it will go a day on a single charge.

**Led Showerhead**

This is a self powered LED showerhead which requires no battery and external power. It just functions on the incoming water pressure. Developed in China, this surely promises to make your bath a lot more colourful. The concept is already commercially produced in China.

**$16 Usb Mouse With Buit-in Mic And Speakers**

USB Fever has launched a $16 mouse which integrates the features of a built-in speaker and microphone. It doesn’t juggle audio in and out through USB like pricier tech but rather uses the more conventional but less elegant 35 mm pink and green speaker and mic plugs. Definitely a cute package for modern day desktop PC’s which usually offer no built-in speakers.
Simply Cool

Casio’s W61CA uses Exilim technology to give a 5 megapixel camera, combining features like 8X digital zoom, auto focus, 320 hours standby, 220 mins talk time, earthquake warning system, DMB TV, calorie counter, nabi disaster evacuation function, timer... and phew! The tech-check team ran out of space covering its uniqueness.


[We would love to hear from you. Please mail your suggestions and remarks to ghosh_ankan@rediffmail.com or srkbehera@yahoo.com]

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**Winner at ‘Dog Shows’**

NIST dogs, Sultan, Don, Nawab, and Terror participated in the 33rd & 34th Championship Dog Shows & Obedience Trials organized by Orissa Kennel Club at Hindi Rashtriya Bhasha Ground, BBSR on 8th & 9th December 2007 and won many awards such as 2nd in Breed in India, 1st in Best of Breed, 2nd in Best of Breed, 2nd in Open Class, 3rd in Obedient, 2nd in Intermediate, 1st in Minor Puppy, and 2nd in Minor Puppy.

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**Marriage Anniversary**

- Ms. Suman Acharya: 25-Feb
- Mr. Sushant Tripathy: 25-Feb
- Dr. Sudhir Panigrahy: 26-Feb
- Mr. Minakshi P. Mishra: 12-Mar

**Birthday Bash**

- Mr. Nihar Ranjan Sahu: 26-Feb
- Mr. Sidharth Pattnaik: 27-Feb
- Mr. Abhro Mukherjee: 8-Mar
- Ms. Balamati Choudhury: 9-Mar
- Mr. Rabindra Kumar Shial: 13-Mar

**Happy Birthday**

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National Institute of Science & Technology, Berhampur, 761008
Contribution for NIST Alumni Scholarship Fund

Mrs. Sasmita Padhi Rs.2000 /
Ms. Swetapadma Behera Rs.2000 /
Mr. Tapas Jena Rs.2000 /
Mr. Swarup Satapathy Rs.2000 /

NIST Alumni Association pays its sincere gratitude to all the donors for their contribution towards a noble cause. Dr. Arun Kumar Padhy may be contacted for any information regarding donations.

From Mailbox

From: samson.cochin@gmail.com To: smudali@hotmail.com
Subject: Ex-Student batch 1999-2003 Date: Thu, 24 Jan 2008 01:14:18 +0530

Dear Sir,

First of all I would like to thank you and the college for making me an engineer. I would like to introduce myself. I am Samson Philip from 1999 batch. You may not have heard about me since I was a big failure in my studies. I passed out in the year 2004, one year behind schedule. Currently I am working in M.N Dastur and Company, Kolkata. We are the major engineering consultants for major steel plants like Tata Steel, SAIL etc. I was going through the NIST e-news and was getting nostalgic, thinking I could have done better.

Time taught me many things. When my papers were not clear, I worked for a small company in Kerala for a monthly salary of Rs.1,500. I knew this is the last chance for me to mend my ways. I slogged hard for 12-15 hours a day, then I got a break in this company. Now I am earning some 25 times more than my first salary.

I am writing all this because there may be many Samsons in the college, some names even the teachers don’t bother to remember. Is there no way out to help those students, understand their difficulties try and bring out the hidden treasures in them. Sir, everybody is born with a gift. Good students can make their way out, but what about people like me? They need somebody to bring them into right track. As of today, my superiors can’t imagine that I was such a failure. Everybody right from the Director knows me today and they appreciate me. My gift was to analyse and troubleshoot problems. I am good at it.

Another thing I would like to bring to your attention is the fact that in India infrastructure industry is booming, why not train the young minds of EEE branch to get into companies like ABB, SIEMENS, L&T, Areva, Schneider Electric, Rockwel Automation etc. How many of our EEE students know the total power distribution scheme of our college. What is the incoming voltage? What is the capacity of the transformer? What are the protection schemes? Why is there no BE project like “Ways to cut the electricity bill of the college by (say) 10%” Its quite disappointing to see only the software industries take the cream away. It really feels good to charge a 33kV panel, see the first rebar roll out from the rolling mill after months of sleepless nights. Everytime I see this, I remember Dr. Reddy’s lines during our farewell night” WELCOME TO THE WORLD OF ENGINEERS” I am proud to be an engineer.
Alumni Interview

From: Ansuman Nayak
Sub: NIST e_news Interview

Please provide your introduction for our readers

Well I’m a proud first batch student of NIST and completed BE in 2000. After that, I completed MBA from University Business School (Punjab University), Chandigarh in 2003. After a brief stint in Gurgaon as Asst. Manager (HR), I came back to Orissa in 2004 and joined ARIFIN as a trainer. In 2005, I took over the management and ownership of ARIFIN Pvt. Ltd. So, right now, I’m the MD of ARIFIN and most of the Engineering students in Bhubaneswar know me as a trainer in Quantitative Aptitude and Logical Reasoning. One of my recent achievements would include a 99.93 percentile in QA in CAT 2005.

What was your experience of studying in NIST?

Can there be words to describe that? Our first year in Berhampur University campus, Hostels in Bishnupriya Apartments and Ambapua were all special experiences. The main building was constructed during our time only. Personally, the best part was my batch mates. I enjoyed with them, grew up with them and learnt so much from them. Please allow me the space here to thank my batch mates for being just what they were.

Academically we had a very good library. One reason I’m a successful trainer today is back in 1999 I used to solve puzzles from Sakuntala Devi and George Summers in the NIST library. The collection of fictions and classics was also great.

Could you please share your most memorable experience at NIST?

Difficult question….but thanks for asking this question. There were so many flashbacks (many highs and some lows). I definitely had an eventful 4 years. The part I remember the most is we used to sing all the way in the bus from hostel/mess to college and back. That used to be fun. Another big memory would be my dance performance with Biswajit Agasti and Ritesh Gupta in WAVES’97.

Could you please tell us about your institute and what was the inspiration behind starting it?

First of all, I didn’t start ARIFIN. It started long back in the year 1989 and for a long time it was the No.1 Institute in Orissa for MBA preparation. In 2004, when I came to know that ARIFIN was not doing so well, I got the right kind of challenge I was looking for at that time and went for it. The real inspiration was the idea of bouncing back when you’ve been pushed to the wall.

Today ARIFIN is the undisputed market leader in Orissa when it comes to Pre-placement Training. ARIFIN is the official training partner to colleges like KIIT, SILICON, GITA, NMIET, CITE, TRIDENT etc. Apart from that Hundreds of students get trained every year in courses like MBA (CAT, XAT, MAT etc.), Job Skills Program, Spoken English, GD/PI etc. at our head office in Acharya Vihar and branch office in Goutam Nagar.

Please give any advice for your juniors and future entrepreneur’s as a successful entrepreneur

‘Let’s do something different, something more and something better’-is the philosophy which drives me and made me successful. Each one of us has the potential to create a positive difference in the world around us and the only things needed are motivation and sincerity.

When you think of becoming an entrepreneur, what you need the most is the three D’s- Determination, Devotion and Dedication. And please do a complete SWOT analysis of yourself. The world has a habit of making rooms for those who know where they are going.
Promoted to foster the art of interactive and creative campus journalism, NIST e_news has been truly at the forefront of serving as a mouthpiece for dissemination of information. Since its inception in 2002, it has evolved from a simple monologue to a more bristling and colourful news magazine. There has been a paradigm shift in the look and feel of the magazine but at the same time, retaining the flavour of an informative consciousness.

Under the able stewardship of Dr. Partha S. Mallick, Former Editor, it made rapid strides to be ranked as a coveted must-have for NISTians. The ‘change of guard’ in the form of new editors, Mr. Amrut Phalguni Mohanty and Mr. Dipti Ranjan Lenka, has catalyzed the good work. The monthly magazine is a treasure trove of information with articles covering several aspects like- new faculty & staff, faculty/staff birthdays, news, quiz, conferences, seminars, alumni interviews etc.

NIST e_news provides an equal forum for both faculties and students to voice their opinion. The NIST e_news student team comprising of Smruti Sagarika, Vijaylaxmi Mohapatra, Kartik Maharana, Jagannath Satpathy, Ankan Ghosh, Subhasis Dalal, Amit Kumar Dash, Sanjeet Dash, Srastanka K. Behera and Pankaj Basu plays a stellar role in ensuring a steady stream of articles. Thanks to our e-designer Ms. Suman Acharya, we get to see a wonderful package at the end of every month. We would also like to extend our heartiest thanks to our team of advisors: Prof. Sangram Mudali, Dr. Ravi P. Reddy, Dr. Ajit K. Panda and Ms. Geetika Mudali, without whose able guidance, the project would not have attained such heights.

From left to right: Jagannath, Subhasis, Vijaylaxmi, Ankan, Amrut (Editor), Srastanka, Suman (e-designer), Pankaj, Dipti (Editor), Amit, Sanjit, Smruti
Choose Nothing But The Best

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