From the Director’s Desk

The academic session of 2011 has begun with a bang with the largest B. Tech intake in the campus. This is a milestone in our journey towards occupying a larger space in the technical education map of the country. NIST will continue to strive to provide high value for the investment in higher education by students and parents.

The Anna movement in our country, the Occupy Wall Street in the US and Europe and the Arab Spring continue to create upheaval throughout the world. All over the world students are the vanguard of a new awakening. We need students to reflect a new world order: the need is urgent. Systemic changes in the education sector are paramount. Much time and money is wasted on debate – instead the focus on creating an innovative environment is on appropriate action on the ground.

NIST has completed 15 great years. Few could have imagined in 1996 that a ragged bunch of 30 year old technocrats (self included) could create a home to thousands of students in a desolate, backward, deprived part of the country, Southern Odisha. But we had a dream, and the rest is History. The Institute congratulates thousands of alumni, their parents, present students, staff and faculty for their unequivocal support and loyalty to the Institute. We have great plans for the future and we share a unique Vision. We are proud of our achievements in the academic and extra-curricular fields. We have succeeded in creating a benchmark Institution in Eastern India and now the task is to do the same in the National arena.

We have planned a series of events to celebrate our 15 years from now till June 2012. A few of them are already implemented and the rest are in the pipeline. New Ideas are welcome!

With Best Wishes,

15th November 2011

Sangram Mudali

From the Editors’ Desk

The editors extend due apologies for not publishing e_news for a long period of time. The new session of 2011 has turned out to be a much happening and phenomenal one: a number of seminars & workshops were organized, publications in National and International journals, papers presented in seminars of repute, book publications, Ph. D. Degrees awarded to our faculty members, opening of NIST Public Library, inauguration of Diganta - a home to many homeless, new experienced and valued new faculty members joined the rich faculty bandwagon, the largest techno-management symposium SANKALP 2011 being held, the DST Science Camp- INSPIRE was organized, and the list is endless.

With achievements and celebrations in the air and with the support and dedication of the of the faculty, staff and students to meet the targets, NIST is ready to host two more upcoming jumbo events in the month of December, an International Workshop IWFM-2011 and the 2nd Phase of DST INSPIRE Science Program.

The magazine owes all its flavor and colour to its readers for their timely contribution and support and extends its indebtedness for retaining their love and affection which was felt in all these years. Thank you readers for being with us.

Amrut Phalgungi Mohanty  Dipti Ranjan Lenka

National Institute of Science & Technology, Berhampur, 761008
Dr. Ratnakar Mishra and Dr. B. Pawan Kumar, Faculty members, Dept. of Management Studies, attended a ‘Workshop on Research Methodology’ as Resource persons organized by KIIT School of Management from 2nd to 3rd April, 2011 and took sessions on ‘SPSS as a tool for Data Analysis’. Faculty members from various business schools of the country along with some senior industry personnel participated in the said program. The workshop was organized by Dr. R. N. Subudhi, Prof., KIIT School of Management. Later both of them were invited for an extended session on SPSS for the students of Business Studies. Ms. Gayatri Panda, Faculty member, NIST Business School, also attended the same workshop as a participant.

Dr. Ratnakar Mishra and Ms. Sanjukta Mahapatra, Faculty members, Dept. of Management Studies, along with six 2nd year management students attended the ‘Indian Society for Training and Development National Convention’ on 23rd April, 2011. The convention was organized by ISTD, Bhubaneswar Chapter and RCMA, Bhubaneswar. A National Conference on ‘Leveraging HR for Global Competitiveness’ was also organized. The research paper of Mr. Ratnakar Mishra in this context was selected for publication in ‘Indian Journal of Training and Development, New Delhi. The conference as well as the convention was convened by Dr. Sujata Mangaraj, RCMA, Bhubaneswar and was attended by more than 20 delegates from industries of high repute.

Ms. Soumya Samanta and Ms. Sreeysree Deb, Faculty members, Dept. of English, attended the ‘Infosys Campus Connect Soft Skills Training Program: Train the Trainer’ from 14th to 16th June 2011 at the Infosys Bhubaneswar DC. The training was imparted by Mr. Sumesh Khatua and Ms. Simren Mehn, Infosys Soft Skills trainers. Around 40 participants from different colleges attended the training program. It was a value adding informative and riveting program about enhancing intrapersonal and interpersonal skills.

Mr. Satyabrata Das, Faculty, Dept. of Electronics & Instrumentation Engineering attended a 3-Day Seminar on Applications Development on DSP Platforms at M. S. Ramaiah School of Advanced Studies Centre for Lifelong Learning held from 21st to 23rd July 2011. The seminar focused at experimental work on Video Signal Processing, Moving Object Detection Application Development. System Level Modeling of DSP Applications was demonstrated during the seminar.

Ms. Sangeeta Banha Chaudhuri, Faculty, Dept. of Computer Science & Engineering participated in a 2-Day Workshop on Role of Computing in Better Governance (CBE 2011) organized by Computer Society of India, Kolkata Chapter and Birla Institute of Technology Mesra, Kolkata Campus, during 30th & 31st July 2011.

Mr. Bhanu Prasad Behera, Faculty, Dept. of Management Studies, along with Mr. Pinaki Prasad Panigrahy, junior software developer, NTCS, attended a ‘Workshop on SAP GBI-2.0’ at the International Management Institution, New Delhi in the month of July 2011.

Mr. Bhawani Sankar Pattanaik and Ms. Arunima Sambhuta Pattanayak, Faculty members, Dept. of Computer Science & Engineering and Mr. Swagat Samantaray, Faculty, Dept. of Electronics & Communication Engineering attended a 5-Day ‘Workshop on Beagle Board and Android’ held at BMS College of Engineering, Bangalore from 25th to 29th July 2011. The program was sponsored by Texas Instruments. Experts from Texas Instruments (India), ARM Embedded Technologies, Cranes Software International Ltd., DigiKraft Technologies Pvt. Ltd., delivered lectures. The workshop was intended for both faculty members and students. The program dealt with workshops on porting Android to Beagle Board, ARM processor architecture, software development on ARM platform and fundamental concept of android. It also included tutorials and programming exercises on experiment kits.

National Institute of Science & Technology, Berhampur, 761008
Dr. Ratnakar Mishra attended a Faculty Development Program at Vignana Jyothi Institute of Management, Hyderabad on **Teaching Pedagogy and Technology** during 11th & 12th August, 2011. More than 50 participants from all over the country participated in the program. Dr. T. Jitendranathan from University of St. Thomas, USA took the sessions and apprised the participants about the methodology followed in US Business Schools.

Dr. Ratnakar Mishra participated as resource person in a 2-Day **National Workshop on Research Methodology** organized by Department of Business Administration, Berhampur University on 29th and 30th October, 2011. The workshop got a huge participation from all over eastern region. Dr. Bhabani P. Rath, Registrar, Berhampur University, inaugurated the Workshop along with Dr. Jayanta Mahapatra, Vice Chancellor, Berhampur University who was the chief guest of the program. Other NIST faculty members, including, Dr. Ashok Mohanty, Mr. Suresh Patnaik also participated in the workshop.

**Papers Published**

Dr. Subhagata Chattopadhyay, Faculty, Dept. of Computer Science & Engineering along with Kaur P., Rabhi F., Acharya U. R., published a Paper, entitled, **“Neural Network Approaches to Grade Adult Depression”** in the *Journal of Medical Systems* (2011). DOI: 10.1007/s10916-011-9759-1 (Indexing: *ISI/THOMSON REUTERS; ELSEVIER-SCOPUS, SciSearch, Pubmed/Medline; Google scholar*) ISSN: 0148-5598 (Print) ISSN: 1573-689X (Electronic) Publisher: Springer Verlag, USA [ISI IF: 1.064].

Dr. Subhagata Chattopadhyay, along with Saurabh R., Land L., Acharya U. R., published a Paper, **“Studying Infant Mortality Rate: A Data Mining Approach”**, in the *Health and Technology* (2011) Journal, DOI: 10.1007/s12553-011-0005-0 (Indexing: ELSEVIER-SCOPUS, Cabell's, OCLC, Google scholar) Print ISSN: 2190-7188; Electronic ISSN: 2190-7196, Publisher: Springer Verlag, USA.

Dr. Subhagata Chattopadhyay, along with Faust O., Acharya U. R., Molinari F., Tamura T., published a Paper, titled, **“Linear and Non-Linear Analysis of Cardiac Health in Diabetic Subjects”**, in the *Biomedical Signal Processing and Control* (2011) Journal. DOI: 10.1016/j.bspc.2011.06.002 (Indexing: “ISI/THOMSON REUTERS,


Dr. Subhagata Chattopadhyay, along with, Acharya U. R., published a Paper, “A Novel Mathematical Approach to Diagnose Premenstrual Syndrome”, in the Journal of Medical Systems (2011); DOI:10.1007/s10916-011-9683-4) (Indexing: *ISI/THOMSON REUTERS; ELSEVIER-SCOPUS, SciSearch, Pubmed/Medline; Google scholar) ISSN: 0148-5598 (Print) ISSN: 1573-689X (Electronic) Publisher: Springer Verlag, USA [ISI IF: 1.064].


Dr. Sisira Kanti Mishra, Faculty, Dept. of Management Studies, published a Research Paper, entitled, “Capital Market Efficiency” in the International e-journal, Social Science Research Network (SSRN) which found a place in the top 10 list of the journal.


Books Published


Dr. Sisira Kanti Mishra, published another book, titled, ‘Security Analysis & Portfolio Management’, along with, Dr. S. R. Mohapatra, Principal, CITe, BBSR, & Mr. Santanu Kumar Das, Faculty, Kalam, Berhampur, under Himalaya Publishing House, Mumbai. The book has been recommended as a Text Book for MBA students in the BPUT Curriculum.
AICTE sponsored Staff Development Program

National Institute of Science and Technology successfully organized the AICTE Sponsored ‘Staff Development Program on Application of Econometrics Tools for Management Research’ from 21st to 27th June 2011. Faculty members from different Management and Engineering Institutes, interested in doing empirical research in the area of management and its related fields using different econometrics tools, participated in the SDP. The program was inaugurated by Prof. Sangram Mudali, Director, NIST along with the Chief Guest, Prof. Manoranjan Pal, Indian Statistical Institute Kolkata; Guest of Honour, Prof. Sadanand Sahu, IIT Kharagpur; and SDP-Coordinator, Dr. Sudhir Kumar Panigrahy, NIST. Resource persons, including, Prof. Manoranjan Pal & Prof. Nityananda Sarkar, Indian Statistical Institute Kolkata; Dr. P. C. Pradhan, XLRI Jamshedpur; Prof. Sadanand Sahu & Dr. J. Mahakud, IIT Kharagpur; Prof. B. K. Panda, Berhampur University; Prof. P. K. Tripathy, Sambalpur University and Dr. Sudhir Ku. Panigrahy, NIST, delivered lectures to the faculty delegates from Management and Engineering Institutes of different states, like, West Bengal, Assam, Andhra Pradesh and Odisha on topics like, Simple Linear Regression Model, Multiple Linear Regression Model, Problems in Regression Analysis, Auto regressions & Distributed Log Models, Dummy Variable Models, Linear Probability Model, Logit & Probit Models, Simultaneous Equation Models, Introduction to Time-Series Economics, etc. All the participants were provided with hand-outs, books on econometrics & software CDs on the relevant areas, goodies, etc. The program was coordinated by Dr. Sudhir Ku. Panigrahy.

Infosys Campus Connect English Lab Training Program

A 2-Day Workshop on ‘English Lab’ was held on 26th and 27th August 2011 in the institute campus by Infosys Technologies Ltd. Ms. Vineeta Mishra, Infosys, Bhubaneswar DC and Ms. Suhita C, Infosys, Bangalore DC trained the faculty members being the resource persons. Dr. E. Raja Rao, Mr. Abhro Mukherjee, Mr. Kallol Kumar Pattnaik, Mr. N. Serish, Ms. Nayanika Mahapatra, Ms. Sanjukta Mohapatra, Ms. Soumya Samanta, Ms. Sreeyasree Deb, Ms. Sreta Pattnaik, Ms. Sujata Mudali, Mr. Bhagabati Prasad Patnaik, Mr. Minakshi Prasad Mishra and Ms. Tripti Mund, faculty members, NIST, were the participants for the program. The workshop aimed at honing the four major skills of learning, reading, writing, speaking & listening. The program was coordinated by Ms. Tripti Mund.

Faculty Induction Program

A Faculty Induction Program was organized for the faculty members of the institute to discuss the general issues related to ‘Teaching Methodology’ on 16th April 2011. Dr. Ravi P. Reddy hosted the program and made the sessions interactive and interesting through activities and video shows.
Wipro Mission 10X Program @ NIST

Mission Live on Web, a program initiated by Wipro Mission 10X, was organized at NIST. All the Mission 10Xians of NIST participated and celebrated Teacher’s Day on 5th September 2011 with an oath taking ceremony, as a part of the program. Participants of Wipro mission 10X delivered talks which were broadcasted on-line. 33 of our faculty members attended the 5-Day program from 26th to 30th September 2011. Mr. Bhuvan Sundar, instructor, focused on High Impact Teaching Methodology, during his sessions. Mr. Srinivas V, Mission 10X, presided the valedictory-cum-felicitation function. All the participant faculty members were distributed with participation certificates. Prof. Sangram Mudali, Director, NIST, congratulated the participants on the occasion. The program was successfully coordinated by Mr. Debananda Kanhar.

TCS Workshops

Tata Consultancy Services (TCS) organized a ‘Workshop on Open Source Evolution & TCS Experience’ on 16th September 2011 at NIST. Mr. Debasis Samantaray and Dr. Suman Bhattacharya were the resource persons from TCS Bhubaneswar, for the workshop. Mr. Abhijit Benerjee, resource person, TCS, delivered a talk on “Introduction to ERP and Oracle Application” to around 300 B. Tech., MCA and M. Tech. Students on 4th November 2011.

IBM Workshop

IBM in association with Florencefennel Pvt. Ltd., an Alliance Partner of IBM, conducted a 4-Day Workshop on Lotus Domino from 13th to 16th August 2011 in the institute premises. Mr. Anand Chowdhury, Florencefennel, was the resource person for the workshop. An IBM Lotus Domino Certification Exam, titled LOT-847-IBM Lotus Notes Domino 8 System Administration Fundamentals, was conducted on 19th October 2011 administered by Mr. Sanjeev Dev, proctor for the certification exam. 82 students and 3 faculty members were certified on the above technology.

Nagarika Surakhya Policy for NISTians

Keeping in view the health protection of the employees of NIST on account of medical emergencies and huge expenditure incurred on treatment of Health, the Institute has initiated Nagarika Surakhya Policy with The Oriental Insurance Co. Ltd. for an amount of Rupees Two Lakhs. Around 400 employees of the institute are included under this policy. The amount of premium has been paid by the institute since 1997. Rupees Forty
Mr. Shom Prasad Das and Mr. Bhawani Shankar Pattnaik, Faculty members, Dept. of Computer Science & Engineering, attended the ‘SAP University Alliance Program (UAP) Academic Conference 2011’ at Singapore from 6th to 10th June, 2011. The Conference was attended by 120 academics from 13 different countries from the Asia Pacific and Japan Region. It was a workshop-cum-conference comprising of 4 ‘Train-The-Trainer’ Workshops, 3 Introductory Workshops and 10 Breakouts. Mr. Pattnaik attended the ABAP Workshop and Mr. Das attended the Workshop on Business Intelligence. The agenda of the conference was “Run Better - Opportunities for University Alliances”. The Conference aimed at the latest SAP mobility solutions, explained competitive edge in cloud computing. BHP Billiton, one of the clients of SAP, shared their transformational program of having one integrated effective system implemented in their various operations. There was session with SAP HR Talent Acquisition expert on the key skills set that SAP is looking for when it hires people to work in the company and delegates were also benefited by excellent product focused presentations and useful tips on preparing students for the workforce.

NIST is a University Alliance Partner of SAP and provides training program on SAP Functional and SAP Technical and as on date the group has trained 400+ students.

Industrial Visits by NIST Students

A number of 12 NIST Business School Students along with faculty members, Ms. Sanjukta Mohapatra and Mr. Pramath Nath Acharya, visited IREL, Chhatrapur, OSCOM Unit, on an Industrial Visit on 16th July 2011. The students were guided throughout the Plant by the HR officer and were explained the process involved in producing minerals from sand. The students got knowledge on how the difficult concepts of physics are being applied practically in the process. Students collected materials on processing, departments & its linkage etc. It was an informative, interesting and a successful visit. As management students, they learnt a lot regarding the linkage of multidisciplinary departments & their functions towards strategic planning process. They also experienced how people behave & work in safe working conditions with all types of precautions. The HR officer extended his interest to guide our students regarding SIP preparation tips to make their SIP more valuable.

An Industrial Visit was organized by NIST Business School Team led by Dr. Sisira Kanti Mishra and Mr. Kalol Patnaik on 16th July 2011 to the Hindustan Aeronautics Limited (HAL), Koraput Division, Sunabeda. Students were apprised of various functional areas of management like Finance, HR, Marketing and Operation of HAL, Sunabeda. Mr. Sidheswar Mishra, DGM, Finance, Mr. Ch. Venkateswar Rao, DGM, HR, Mr. L. K. Jena, Deputy Manager, HR and Mr. Nataraj Pasupureddy, HR Officer, extended their kind co-operation in explaining the various functionalities of HAL in different domain areas in context to their organization. The HR personnel of HAL gave their consent to visit NIST campus and deliver talks.
The institute bade a farewell to the 2011 Batch of B. Tech., MCA, MBA, PGDM & M. Tech. students in a farewell function organized in the institute premises on 11th June 2011 in the presence of the Director, Prof. Sangram Mudali, Placement Director, Prof. Geetika Mudali, Dean, Dr. Ajit Kumar Panda, B. Tech., Batch Coordinator, Dr. Arun Kumar Padhy, and other faculty members and staff. The function was followed by a sumptuous dinner.

**Wipro Campus Project Program @ NIST**

Wipro Technologies conducted the Campus Project Program for the 2011 Wipro hired students of NIST from 27th June to 8th July 2011 in the institute premises. The program was basically an In-House Technical training imparted to the new joinees. 5 of our faculty members were involved in the program as resource persons, including, Mr. Debananda Kanhar, Mr. M. Suresh, Ms. Rashmita Jena, Mr. Ranjit Kumar Behera, and Mr. K. Hemat Kumar Reddy.

**NIST Public Library & Learning Center**

As part of its social commitment and the Celebration of 15 Glorious Years Completion (1996-2011), NIST opened the NIST Public Library & Learning Center (NPL & LC) at 1st Lane, Gajapati Nagar, Berhampur. Ms. Geetika Mudali, Placement Director, inaugurated the Library which provides all books, magazines, journals, etc., for each and every competitive examinations. The Learning Center also provides Spoken English Courses with Career Counseling. The Library runs from 12noon to 9pm every day except Mondays and Public Holidays. The membership of the library and the spoken English classes are absolutely free of cost. All types of Books, Magazines, Study Materials & Newspapers are available for Competitive Examinations, such as, OLYMPIAD, NTSE, KVPV, etc. for school students from Class VIII onwards; IITJEE, AIEEE, ORISSA JEE, AIPMT, NDA, etc. for Class XII onwards; CAT, MAT, XAT, CDS, etc. for +3 onwards; GATE, GRE, TOEFL, NTPC, SAIL, BSNL, etc. for engineering students; UPSC, Bank PO, Bank Clerk, Railway, IAS, IES, OPSC, etc. for general students. Counseling on career choices such as, Engineering, Medicine, Computers, Bank, Law, Journalism, TV, Fashion Design, Accounting, Foreign Courses, Multimedia, Marine, Defense, Management, Hotel Management, Vocational etc. are also provided. **Mr. Dipti Ranjan Lenka**, Faculty member, NIST, is the Coordinator of the Centre.

**Laurels**

**Ph. D. Awarded**

**Dr. Ratnakar Mishra**, Faculty, Dept. of Management Studies has been awarded with the Ph.D. degree with the thesis titled, “**Human Rights Perspective of Industrial Displacements in Orissa**”, on 2nd July 2011, Registration No. 32/2006 by the Department of Business Administration, Berhampur University, Berhampur under the guidance of Dr. Rabindranay Subudhi, KIIT School of Management, Bhubaneswar and Dr. Sujata Mangaraj, Dean, Regional College of Management, Bhubaneswar.

**Dr. Mihir Hota**, Faculty, Dept. of Physics has been awarded with the Ph. D. degree in Electronic Science with the thesis titled, “**Analysis and Optimization of Holographic Optical Elements & Photonics Crystal Components for Optical Communication**”, Registration No. 188/08 under the guidance of Dr. Sukanta Ku. Tripathy, NIST, Berhampur and Dr. Trinath Sahu, Berhampur University.

**Dr. Sushanta Tripathy**, Faculty, Dept. of Management Studies received his Ph. D. degree in Industrial Engineering & Management with the thesis titled, “**Critical Success Factors for R&D in Indian Manufacturing Firms**”, Registration No. 03IM9501, from IIT, Kharagpur under the guidance of Prof. P. K. Ray & Prof. S. Sahu, IIT, Kharagpur.
**URSI Young Scientist Award**

**Dr. Maifuz Ali**, Faculty, Dept. of ECE, who is presently doing his Post Doc in Korea Advanced Institute of Science and Technology (KAIST), South Korea, has won the URSI Young Scientist Award for his work in Communication Engineering. He will receive his award in a conference in Turkey.

**Book Reviewed & Course Designed**

**Ms. Tripti Mund**, reviewed the second edition of the book ‘Technical Communication- Principles and Practice’ written by Meenakshi Raman & Sangeeta Sharma. She is one of the six member teams who have reviewed the book. The other team members work in different technical institutes across India.

**Ms. Tripti Mund** designed an English Language module and compiled the course content for EURLABC Strategy and Innovation, Niche, France. The module is used to train Upper Primary School French students.

**Successful Completion Of The Cadence Training**

The 1st Batch of Cadence Training Program got completed and the trainees received the certificates from Ms. Allen Tam, Cadence, USA and Mr. Anand Bariya, Netlogic, Bangalore in a closing ceremony. The meeting was presided over by the Director, Prof. Sangram Mudali. The 2nd Batch was inaugurated on 11 August 2011 by Prof. Mudali, in the presence of Mr. Jayashankar and Ms. Babitha, members, Cadence along with Mr. Mukesh Sukla, Coordinator, Cadence Program, NIST. Mr. Jayashankar delivered a Techno-Management talk on the occasion to the students of the program.

**Additional Programs**

NIST received the AICTE approval for M. Tech. in Electronics & Instrumentation Engineering with 18 seats & B. Tech. in Electrical & Electronics Engineering with additional 60 seats, hence, making the total strength of B. Tech. 630 and M. Tech. 108.

**Para-sailing**

The NIST Student Activity Centre (SAC) organized Para-Sailing for all NISTians on 2nd & 3rd May 2011 at the institute Campus Cricket Ground. Students, faculty members & staff got an experience of flying free and enjoyed the sky ride at the height of 300 ft. above ground. The event was coordinated by Mr. Vinay Kumar Das, SAC.
Thursday Lecture Seminar Series

Date: May 05, 2011
Title: GaN based HEMTs for Communication Circuits
Speaker: Trupti Ranjan Lenka
Title: Renewable Energy
Speaker: Mr. Rajeev Ranjan
Title: Paper on INTERNATIONAL CONFERENCE ON ELECTRONIC SYSTEM
Speakers: Mr. R. Suryanarayana, Mr. Jayant Nayak, Mr. Asit K. Panda
Title: Workshop on TI micro-controllers”
Speaker: Mr. Swagat Ku Samantaray, Ms. Vilombita Sarcar

Date: May 12, 2011
Title: Ozone layer- A Study
Speaker: Ms. Sangeeta Bhanja Chaudhuri & Ms. Nandita Bhanja Chaudhuri
Title: Teaching Innovation in Universities
Speaker: Prof. Sangram Mudali, Director

Date: May 19, 2011
Title: A framework for handling Multi Target Multi Sensor Surveillance Problem
Speaker: Mr. Sujit Das

Date: July 21, 2011
Title: Energy Efficient Lighting Systems for City Beautification
Speaker: Mr. Tanmoy Nag
Title: Review on “From Jugaad to Systematic Innovation” and “Innovate”
Speaker: Mr. B.P. Pattnaik

Date: July 28, 2011
Title: Fabrication procedure of micro strip Antenna
Speaker: Mr. R. K. Das
Title: Human Rights Perspectives of Industrial Displacements in Orissa
Speaker: Dr. Ratnakar Mishra
Title: Micro-NEMO++: An Efficient Micro-Mobility Scheme for Network Mobility
Speaker: Mr. Manoj Kumar Rana
Title: Teaching Development
Speakers: Prof. E. Raja Rao, Mr. Dipti Ranjan Lenka

Inauguration of DIGANTA: A Residential School for Social Justice

A novel Institute called DIGANTA- A Residential School for Social Justice located near the village Kasarda, Cuttack, for the poor and under privileged, adivasi orphans was inaugurated by ex-Justice High Court of Orissa, Choudhury Pratap Mishra and our Director Prof Sangram Mudali. Such a philanthropic activity meant to uplift social educational standards of the poorest of the poor children was the dream of Shri Surendra Mudali, Chairman, NIST who was ably supported by the NIST management and faculty in this endeavour. Arrangements have been made for about 1000 students of all ages belonging to the weakest sections of the society to study and live in the residential school. The School from Class I to X is affiliated to the CHSE board and English is taught right from Class I. All facilities are free of cost to the children. This is one of the humble contribution from the NIST family towards the poor and marginalized children of Odisha, particularly, South Odisha.
NIST Welcomes

NIST welcomes the following members to its Parivaar:

Dr. Alok Kumar Ghosh joined as Faculty in the Dept. of Electrical & Electronics Engineering. He did his B. E. in Electrical Engineering from North Bengal University and Ph. D. from Jadavpur University with the thesis entitled, “Some Studies on Electrophotography Involving Multidielectric Receptors”. He has worked in several institutes: HOD, Dept. of Electrical Engineering, Dr. B. C. Roy Engineering College, Kolkata; Academic advisor, Modern Institute of Engineering & Technology; Principal, B R M International Institute of Technology, Bhubaneswar; Principal, Bankura Unnayan Institute of Engineering; Principal, ICFAI Institute of Science & Technology, Agartala; Professor, Dept. of Printing Engineering, Jadavpur University, Kolkata; Director BITM, Santiniketan; Deputy Manager, R & D, Macneill & Barry Ltd., renamed as Kilburn Reprographics Ltd.; Assistant Engineer, West Bengal State Electricity Board; Management Trainee, ITC Ltd.; etc. He has been Guest Professors to various institutes, such as, Haldia Institute of Technology, Institute of Engineering and Management, B. P. Poddar Institute of Management and Technology, Training College, United India Insurance Co. Ltd., Heritage Institute of Technology, BPRD, Ministry of Home Affairs, Govt. of India. He has also worked as Paper Setter, Trainer, Subject Expert and Examiner to many National Universities and also to Govt. of India organizations. He has Presented Paper in IEEE - IAS Conference, held in Philadelphia, USA. Dr. Ghosh has authored one book entitled, “Handbook on Printed Matter and their Identification for Document Examiners”. He has been awarded with ‘Certificate of Appreciation’ for original research work with cash award by Lion’s international and also been felicitated by ‘West Bengal Master Printers’ Association’ for contribution in printing. Dr. Ghosh has organized several Seminars & Workshops, been the Chief Investigator of several AICTE Projects, published a number of Research Papers in many National & International Journals, guided Ph. D. scholars, been Subject Experts to AICTE, WB Public Service Commission & others. Dr. Ghosh has also been the member of Board of Studies, WBUT, for M. Tech. course in EE. He holds the Patent of “Method and apparatus for taking Xero-radiography”– Patent No. 157221(317)/Cal/83

Ms. Arunima Sambhuta Pattanayak joined as Software Developer at NIST Technology Consultancy Services (NTCS). She has done her Diploma in Computer Science Engineering from Women’s Polytechnic, Berhampur and B. Tech. in Computer Science & Engineering from National Institute of Science & Technology (NIST), Berhampur. She has worked as a faculty member in Berhampur School of Engineering & Technology, Berhampur for 1 year. Her Research Interests lies in the field of Embedded Systems, Compiler Designs & Android platform.

Mr. Sourav Pramanik joined as Faculty in the Dept. of Computer Science and Engineering. He did his B. Tech. in Computer Science & Engineering from West Bengal University of Technology (WBUT), and M. E. in Computer Science and Engineering from Jadavpur University, Kolkata. He has 2 years of teaching experience as a lecturer under one of the colleges of Burdwan University. His Research Interest lies in the areas of Natural Language Processing & Image Processing.

Mr. Pinaki Prasad Panigrahi joined as Junior Software Developer at NTCS. He did his B. Sc. in Chemistry (Hons.) from Aska Science College, Aska and Master in Computer Application (MCA) from NIST. His Research Interest lies in the areas of Cloud Computing and Security Challenges in an ERP System.

Ms. V. Santoshi Ramya joined as Junior Software Developer at NTCS. She has done her B. Tech in Computer Science Engineering from NIST. Her Research Interest lies in the areas of Compiler Designs, Operating System & Database Management System.

Mr. Lokesh Nath joined as Junior Software Developer at NTCS. He has done his BCA from Indira Gandhi National Open University (IGNOU), Patna and MCA from NIST. His Research Interest lies in Android & Database Management System.

Mr. Manas Prasad Nayak joined as Junior Software Developer at NTCS. He did his BCA from Orissa College of Engineering and Management, Bhubaneswar, and MCA from NIST. His Research Interest lies in Algorithm Design and Analysis.

Mr. Rajiv Kumar Mishra joined as Faculty in the Dept. of Electronics and Instrumentation Engineering. He has done his M. Tech. in Instrumentation and Electronics Engineering from Jadavpur University, Kolkata, West Bengal and B. Tech. in Instrumentation and Control Engineering from Academy of Technology, Hooghly, West Bengal. His Research Interest lies in Signal Processing, Process Control & BioInformatics.

Mr. Nilanjan patra joined as Faculty in the Dept. of Electronics and Instrumentation Engineering. He did his B. Tech. in Instrumentation and Control Engineering from Academy of Technology, WBUT University, West Bengal and M. E. in Control Systems Engineering from Jadavpur University, Kolkata. His areas of Research Interest are Non-linear Control System, Modeling of the Mechanical System, Design of Sliding-Mode Controller, Observer Design in Control System.
Mr. Debasis Patro joined as Software Developer at NTCS. He did his BCA from Academy Of Technocrats, Berhampur and MCA from NIST. His Research Interest lies in Database Management System and Operating System.

Ms. Nabanita Chatterjee joined as Faculty in the Dept. of Electrical & Electronics Engineering. She completed her B. Tech. in Electrical Engineering from West Bengal University of Technology and also Masters in Electrical Engineering with Measurement and Instrumentation as specialization from Jadavpur University, Kolkata. Her Research Interest lies in the areas of Power System & Instrumentation.

Ms. Nandita Bhanja Chaudhri joined as Software Developer at NTCS. She has done both her BCA and MCA from The Oxford College of Science, Bangalore University, Bangalore. Her Research Interest lies in Soft Computing & Mental Health.

Dr. Ashok Kumar Mohanty joined as Faculty in the Dept. of Management Studies. He has done his Ph. D. from Utkal University in Export Financing, M. Com. in Higher Accountancy & B.Com. (Hons.), from Utkal University. Dr. Mohanty has worked as Professor and Reader in Finance in the Dept. of Business Administration, Berhampur University. His Research Interests lies in the areas of Capital Markets and Financial Services.

Ms. Nayanika Mahapatra joined as Faculty in the Dept. of English. She has done her Graduation and Masters in English with American Literature as specialization from Khallikote Autonomous College, Berhampur. Her areas of Research Interest lie in English Language.

Ms. Madhumita Pal joined as Faculty in the Dept. of Computer Science and Engineering. She has done her ME in Software Engineering from Jadavpur University and MCA from Narula Institute of Technology, WBUT. She did her Bachelor Degree in Science from Victoria Institution for Girls, Calcutta University. Her Research interest lies in the areas of Cryptography.

Mr. Abhishek Kumar joined as Faculty in the Dept. of Electrical & Electronics Engineering. He did his M. E. in Power Engineering from Jadavpur University, Kolkata and B. Tech. in Electronics & Communication Engineering from Uttar Pradesh Technical University, Lucknow. His areas of Research Interest lie in Control System & Sensors.

Ms. Shrabani Mahata joined as Faculty in the Dept. of Chemistry. She has done her Ph. D. in “Nanotitania Synthesis and Rheological Study for Different Application” from National Institute of Technology (NIT), Durgapur. She has done both her M. Sc. and B. SC. in Chemistry (Physical) from Vidyasagar University, West Bengal. She has qualified the GATE Exam 2003. She has experience of being Guest lecturer for Physical Chemistry at Jhargram Raj College, Govt. of West Bengal; Guest lecturer for Physical Chemistry at Shilda Chandra Shekhar College, W.B. She has qualified in Junior and Senior Research Fellowship, (JRF & SRF). Ms. Mahata has been awarded with ‘Best Paper Presentation’ by Materials Research Society of India at the 17th AGM of MRSI held at Lucknow. She has Life membership in professional societies, like, Indian Association for the Cultivation of Science (IACS), Kolkata. She has also done few other courses, like, Technology led entrepreneurship program (TLEP-2008) conducted by Council of Scientific and Industrial Research (CSIR). She has presented many research papers in different seminars and conferences of repute and also got published many of her papers in different referred Journals. Her Research Interests lies in Synthesis of Nano-Particles (Sol-gel and Hydrothermal synthesis), TiO₂ Thin film Development, Solar Cell, Gelcasting.

NIST e_news welcomes all the new members and wishes you a wonderful career!
The following faculty members were awarded the Academic Honorarium Award for Ph. D. Degree: Dr. Minakshi Prasad Mishra, Dr. Ratnakar Mishra

The following papers were awarded the Academic Honorarium Award for Published Papers in even semester Jan-June 2011:


Dr. Subhagata Chattopadhyay, Acharya U. R., “A Novel Mathematical Approach to Diagnose Premenstrual Syndrome”, Journal of Medical Systems (2011); (Published on-line April 5th 2011, DOI:10.1007/s10916-011-9683-4) Publisher: Springer Verlag, USA [ISI IF: 1.064]


NIST Robotics Club (NRC) Activities

Workshops:


- The Club organized a **Summer Workshop on Robotics for School Children** for the school students of in and around Berhampur from 1st to 14th June 2011. The students learnt the basics of Robotics and its applications, LEGO Robotics and Electronics, Manual and Automatic Robotics, in the workshop which was free for all the participants. Around 60 students from 12 different schools participated.

- NRC in association with K-Technologies organized a **1-Day Workshop on Basic Robotics** on 25th September 2011 for the B. Tech. & MCA students of 2011 Batch with more than 200 student participations.

- A **Workshop on Automatic Robots** was held on 17th & 18th October 2011 for the 2010 Batch of B. Tech. & MCA students of the institute. The club organized the Workshop in association with K-Technologies for around 100 students.

Student Achievements:

**C V Raman College of Engineering, Bhubaneswar,**

C V Raman College of Engineering, Bhubaneswar,
March 2011

- CELIGANT 2011, *Wall Follower*, 2nd Prize, Rs. 3000
  - Mr. Avinash, 4th year & Mr. Pritish Pradhan, 3rd year

- **SRM Chennai**, September 2011
  - Race to Finish, (Automatic), 2nd Prize, Rs. 3000
  - Mr. Rajesh Ghosh 3rd Year & Mr. Debasish Panda 3rd Year

- Maze-O-Maze, Automatic Wall Follower, 2nd Prize, Rs. 3000
  - Mr. Vineet Sahoo 3rd Year
  - Mr. Subhranshu Sekhar Mallick 3rd Year

- **Parala Maharaja Engineering College, Berhampur**
  - Mr. Satya Swaroop Mohanty 3rd Year
  - Mr. Sagar Panda 3rd Year
  - Mr. Artatran Tripathy 3rd Year

- **Roland Institute of Technology, Berhampur,**
  - Utkarsh-2011, Manual Event, Robo Race, 2nd Prize, Rs. 2500
  - Mr. Satya Swaroop Mohanty 3rd Year

- **Silicon Institute of Technology, Bhubaneswar,**
  - NOESIS 2011, Robo Race, 1st Prize, Rs.5000.00
  - Mr. Subhransu Sahu
  - Mr. Abhinash Kumar
  - Mr. Dibyajyoti Mohapatra
  - Mr. Sarthak Ray
  - Mr. Bidyadhar Nayak
  - Robo War, 2nd Prize, Rs. 2500
  - Mr. Ajit Kumar
  - Mr. Prasoon Kumar
  - Mr. Abhijit Kumar
  - Mr. Lingaraj Sahu

- **National Institute of Technology (NIT), Rourkela,**
  - INNOVISION 2011, Fast & Furious, 3rd Prize, Rs.1000.00
  - Mr. Shasikant 3rd Year
  - Mr. Sandeep Soni 3rd Year
  - Mr. Nischinta Rath 3rd Year
  - Ms. Shantipriya Behera 3rd Year

Condolence Meeting

The Institute grieved the untimely sad demise of the beloved student of MBA 2007-2009 batch Mr. Bhawani Prasad Pattnaik who succumbed to an accident at Baliguda, Berhampur. He was serving as branch manager of Basix Ltd. Everyone, being gathered at the condolence meeting prayed for his departed soul to rest in peace.
Hybrid Renewable Energy Center Inaugurated

NIST joined the group of leading Institutes of the Nation by its pursuit to go GREEN. The institute became the proud center for having the 1st and only HYBRID (wind + solar) Renewable Energy Power Center of 5KW in the state of Odisha. The center was inaugurated by Prof. Sangram Mudali, Director, NIST in the presence of Shri Choudhary, Dy. Director, Orissa Renewable Energy Dev Agency (OREDA), Guest of Honour along with many faculty, staff and students of the institute.

Convocation Ceremony of PGDM 2009-11 Batch

NIST Business School held the 2nd Convocation Function on 13th August 2011 to confer the Degrees on the PGDM students of the session, 2009-2011. Out of a total strength of sixty, fifty one students qualified themselves to be conferred with the Post Graduate Degree of Management. Prof. Sangram Mudali, Director, NIST, presided over the Convocation Function, and stressed the need of the corporate discipline coupled with ethical values to be successful Managers in future, in his welcome address. Prof. Arun K. Mohapatra, Management Studies, NIST Business School submitted a biennial report on the PGDM Program, emphasizing on the criterion of admission and the rigorous discipline of teaching which was responsible for the grand achievement of the students. Prof. E. Raja Rao, Dept. of English, NIST Business School, introduced the dignitaries on the dais and laid the foundation for an exemplary convocation. Prof. Jayant Kumar Mohapatra, Vice-Chancellor, Berhampur University, graced the occasion as the Chief Guest and duly conferred the Degrees on the qualified students of the PGDM Program, and delivered the Convocation Address. The topper of the PGDM Program, 2009-2011, Mr. Chandan Kumar Mohato was felicitated with a gold medal and a Certificate. Prof. Geetika Mudali, Placement Director, NIST highlighted the need of using the knowledge imparted to the students in the past two years and to live up to the challenges of the changing world in the period of globalization. She thanked all the people on and off the dais for their unflinching support in making the two year autonomous program a grand success. All the dignitaries had the word of praise for Mr. Shom Prasad Das, Course Coordinator, PGDM program for his whole-hearted dedication and stupendous efforts in successfully running the PGDM Program and holding the Convocation Function with great pomp and ceremony.

‘Aadhaar’ Identity Card @ NIST

NIST arranged for the registration of all NISTians for the unique identification card, AADHAR. It is a 12-digit unique number which the Unique Identification Authority of India (UIDAI) issues for all residents. The number is stored in a centralized database and linked to the basic demographics and biometric information – photograph, ten fingerprints and iris – of each individual. The AADHAR will become the single source of identity verification. Once residents enroll, they can use the number multiple times – they would be spared the hassle of repeatedly providing supporting identity documents each time they wish to access services such as obtaining a bank account, passport, driving license, and so on. Almost all NISTians have now AADHAR cards.

Anti-Corruption Rally

‘Curbing Corruption’ being the call of the hour, the entire nation stood against it and the voice of the epoch-making personality, Anna Hazare reached every nook and corner of the country and NIST was not an exception. The institute with its faculty members, staff & students organized a ‘Candlelight Rally’ extending support to the Nationwide Protest against Corruption on 25th August 2011 at Berhampur starting from Gandhi Nagar and ending at Baidyanathapur Police Station, Courtpeta. The rally was followed by an ‘Oath Taking’ with terms, not to involve and allow Corruption under any circumstances. The rally was coordinated by Mr. Bhagabati Prasad Pattnaik, Faculty member, NIST.
Invited Talks

Prof. S. C. Bose from CEERI, Pilani, delivered lectures on “Analog IC Design” to M. Tech., 1st Sem. Students during 5th-7th July 2011.

Prof. P. Kabi Satpathy delivered a lecture on VLSI/ASIC/SOC Design to the M. Tech. students on 22nd, 23rd & 24th September 2011.

Prof. B. S. Panda, IIT Delhi delivered lectures on Algorithm Analysis and Design to M. Tech. CSE 2011 batch students at NIST on 26th, 27th and 28th September 2011.

Dr. Sukumar Mishra, Dept of Electrical Engineering, IIT Delhi delivered a lecture related to advanced topics in Electrical Engineering on 30th September 2011.

Prof. Sabyasachi Sengupta, Vice-Chancellor, West Bengal University of Technology, Professor of Electrical Engineering, IIT Kharagpur, delivered a talk on 17th October 2011.

Newsdesk

Mr. Abhisek Pahadi, B. Tech., 7th Sem., Team e_news

Newsdesk welcomes its readers back after a long break with a lot of exciting news that happened all around the world. To begin with, the world basked under the sunshine of freedom with people across Libya celebrating the downfall of the country’s greatest tyrant, Muanmar Gaddafi. A group named NTC claimed responsibility for his murder. The world lost one of its most successful entrepreneurs, the co-founder of “Apple”, Steve Jobs, who had paved the path of innovation in the world of electronics by launching several cutting edge gadgets like iPhone, iPad, etc. He died of a rare form of pancreatic cancer. Moving on, a symbol of success was marked on the Arabian country, Palestine’s fate, with UNESCO recognizing it as a member state. World’s most rising economy, China, prowled forward with a major breakthrough in scientific development with two of its unmanned spacecraft successfully docking for the first time high above the earth. Silvio Berlusconi, the prime minister of scandal plagued country, Italy, stepped down to make way for an emergency government. Italians hope will save them from financial ruin. On the national forefront, liquor baron, Vijay Mallya, received a shock with Kingfisher Airlines slipping down towards a serious financial turbulence, thereby pleading for a financial bailout. Bringing much happiness to the people of two rival neighbors, India and Pakistan, the finance ministry of both the countries agreed on relaxing the strained economic relationship between the two, with Pakistan declaring India as “the most preferred state for business”. In a move to further strengthen India’s artillery reserve, the defence ministry opened the commercial bids for the 126 combat aircraft deal, with European Eurofighter and French Dassault Rafale emerging as the strongest contender for the bid. To much sorrow to the music lovers all across the country, Assam’s living legend, Bhupen Hazarika, breathed his last on 6th of this month leaving behind a shadow of paleness all around. Gearing towards our state, enjoyment hovered all over it with the name of “Orissa” being replaced by “Odisha”. The monsoon God created a havoc for the state, with its major districts, namely Kendrapada, Jajpur, etc. being completely marooned by the floodwater of Mahanadi and other major rivers resulting into huge loss for the farmers in the affected places. Moving to the arena of uncertainty, the country’s economy came under attack with series of financial crisis gripping almost all the major countries around the globe. Inflation continued to haunt the general people with the rise in petrol price in a quick succession. In sports, India set a benchmark by launching its first F1 Grand Prix at Buddh international circuit in Greater Noida. It was won by Red Bull-Renault’s Sebastian Vettel. In the cricket zone, India after losing to England in all the three formats of game on its tour to the English country showed some resilience by defeating them in the recently conducted one-day and test series in India. It was a month of fun and frolic for the members of NIST family who celebrated the institution’s biggest event, SANKALP, a national level techno-management fest, from 20th to 22nd of October with students of different colleges participating with full vigor. However, the winning crown was won by the host college.
NIST organized the Department of Science and Technology (DST), Govt. of India, ‘Innovation in Science Pursuit for Inspired Research (INSPIRE) Program’ with the sole objective to communicate to the youth of the country, the excitement of creative pursuit of science and attract talent to the study of science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

The 5-Day Program from 18th to 22nd October 2011, hosted more than 300 students from different +2 Schools/Colleges of the state, including, Anchalika Science College, Khetriya, Berhampur; BJB College, Bhubaneswar; Carmel School, Rourkela; Chinmaya Vidyalaya, Rayagada; College of Basic Science & Humanities, Bhubaneswar; De Paul School, Berhampur; Delhi Public School (DPS), Rourkela; DPS Damanjodi; DPS, Nalco Nagar; G.M. Jr. College, Sambalpur; Govt. Science College, Rourkela; Ispat English Medium School, Rourkela; J.K.B.K., College, Cuttack; JITM Jr College, Parlakhemundi; Kendriya Vidyalaya, Sambalpur; Kendriya Vidyalaya, Berhampur; Kendriya Vidyalaya, Gopalpur; Khalikote Jr College, Berhampur; KV-II, CRPF Campus, Bhubaneswar; KVS, Khurd Road; N.B.C. College, Kendupadar; Om HerambaLaya Residential College, Berhampur; Peoples College, Buguda; RCM, Khalikote; Regional Institute of Higher Studies; Sabitri Women’s College, College, Bhanjanagar; Saint Paul’s School, Rourkela; Saraswati Vidya Mandir, Berhampur; Saraswati Vidya Mandir, Damanjodi; Science College, Hijilicut; Sonepur Jr. College, Sonepur; Stewart Science College, Cuttack; Suraj Mal College, Rengali; University Higher Secondary School, Bhanjanagar; V D College, Jeypore; V.S. Vidyalaya, Sunabeda; Vikash Jr. College, Bargarh. The students of only 11th & 12th standards from Science Stream, scoring minimum 91% in 10th board were eligible for the Program. Besides the free registration, the students, and the teachers accompanying them, were provided with all the expenses including, traveling, accommodation, food and others. The entire expenditure was borne by NIST/DST.

Eminent Scientists and Professors, such as, Dr. Pratip Palit, Principal Scientist, Central Research Institute for Jute and Allied Fibres, Kolkata, Biology; Dr. Debiprasad Duari, Director, Research & Academic, M. P. Birla Institute of Fundamental Research, M. P. Birla Planetarium, Kolkata, Astronomy & Astrophysics; Dr. K. Sengupta, Associate Professor, Indian Association for the Cultivation of Sciences, Kolkata Nanotechnology; Dr. Achintya Sarkar, Professor, Department of Chemistry, Presidency College, Kolkata, Organic Chemistry, A Glimpse at the Intellectual Heritage of Organic Chemistry; Dr. Nitin Chattopadhay, Professor, Department of Chemistry, Jadavpur University, Kolkata, Physical Chemistry, Learning Science: A Game; Sandip Trivedi, Professor, Tata Institute of Fundamental Research, Mumbai, Physics, Einstein’s Dream And String Theory; Prof. S. P. Pati, Emeritus Professor, NIST, Physics Based New Dimensions in Science; Somnath Bharadwaj, Professor of Physics, IITKGP, Galaxies and the Universe; Prof. Suman Chakraborty, Professor, Physics, IITKGP, Microfluid; Prof. S. Sengupta, Prof. Geetika Mudali, Prof. S. Sarangi, Prof. A. K. Pujari, WSN, Prof. S. Sadagopan, were the mentors of the program. Students not only enjoyed the informative talks of the eminent speakers of both National and International repute, they also witnessed the different working projects and models prepared by NIST students and got enlightened by many of them, mostly, of Robotics, Renewable Energy, Electronics, Computer Software, etc.

Prof. Sangram Mudali, Director, and Ms. Geetika Mudali, Placement Director, NIST viewed that the science camp succeeded in its mission in inculcating research ambitions among the participants.

National Institute of Science & Technology, Berhampur, 761008
SAT SAYS: A OR I…?

WHAT ARE YOU?

Mr. Kewal Krishna, B. Tech., 7th Sem., Team e_news

Finally you get to read what you wanted. Much water has passed down the bridge, better still, Much MOOLAH has passed down your wallets pumping up your vehicles, Much ANNA has passed down War against Corruption, Much innings have passed down before Sachin’s 100th 100, and Much not-so-good articles have passed down your eyes before this…SAT is back and with a bang. Its time you indulge yourself in ecstasy, in peace, in gusto…its time you listen to SAT. However before anything a Disclaimer for all of you:

All matter in this issue is purely the work of fiction. Any relation to any person living or dead is purely a coincidence. OR IS IT…?

What is the name of your mother? What is the name of your sister? What is the name of your “we-are-just-good-friends” friend? (Come on, you all have one and those of you who have not, you want them, don’t you?) Notice any relation? Ok SAT, being the magnanimous entity that SAT is will give you a hint. What comes before B and after H? Bravo...how smart!!! Einstein and Newton would be so proud. Indeed it’s ‘A’ and ‘I’ which form the last letters of the fairer sex’s first names. Don’t you see SAT if that is not the case? It’s a generalization of course but a very interesting one at that and SAT has evidence in proof of this, all thanks to the NIST-OIS- it finally helped for some good use.

Hmm...interesting, isn’t it? What can be the reason behind this peculiar notion? Is it because ‘A’ is the first letter of the character set? But then what about ‘I’? Or is it because intelligent begins with an ‘I’ and adorable begins with an ‘A’? (Don’t be over the moon. Just to remind you, there are many other not-so-great words having ‘A’ and ‘I’ as their first letters, for ex, angry, l...well SAT leaves it to you to fill in the blanks). Well SAT thought a lot but was unable to come to a conclusion (yeah it happens to the greatest of the minds).

SAT though found another coincidence- the curve obtained in the graph is as complex as...WOMEN. No one has and no one will ever be able to fathom the fairer sex. The unconditional love they consecrate, the myriad sacrifices they make, the unadulterated care they take...will any man be able to do this?

Okay then, it’s time to go as SAT has to find some more mysterious facts and unravel them for you. SAT has to find some more mysterious facts and unravel them for you. Until then you keep searching for your ‘A’ and ‘I’ and if you already have found her, then, well try to understand her...apologies. SAT forgot the golden rule: Never try to fathom a Woman. Just let them be.

PS 1: All data has been obtained from publicly available sources such as our very own Online Information System. Hence no law suit can be filed against SAT. BTW thank you NTCS for the OIS.

PS 2: The idea for this month’s issue was given by Ms. Adyasha Dash, 2nd year. So if you don’t like this article you know who to blame, curse, and abuse and throw stones on. And if you liked it then...it’s all SAT’s magic.

<< SAT got a lot of appreciation for the last issue. Thank you all including Anal Paul sir and B.P Pattnaik sir. Special thanks to Akhilesh Jena to point out an irregularity in the previous issue. SAT would love to hear from you all so please email all your feedback aka “abuses” to kewal07@gmail.com>>

(for space limitations we are scrapping off two regular columns, Cynosure of All Eyes and Sportscast for this issue only)
From Mailbox

Date: Fri, 11 Mar 2011 12:22:17 +0000  
From: sauravmisra2011@gmail.com  
To: akpanda62@hotmail.com  
CC: atul14490@gmail.com  

Dear Sir,

I know you get a lot of these and the sentence has become a platitude, but I still hope that you remember me. I’m Pankaj Kamani, a pass out of 2004 - 2008 batch. Hope you along with all the NISTians are doing well. We were the first Magnum Opus batch from NIST for Wipro and currently I’m working for Samsung India on the proprietary Samsung OS for smartphones. The fact that corporate culture demands so much of responsibility, can only be felt while at work. And definitely, this would not have been possible without my alma mater. Apart from the technical know-how, my four year stint at NIST instilled in me qualities which are inevitable for survival in today’s corporate society. Be it the never-ending 100min lectures or the restrictions placed on us at Hostel - 4 (Hope, the hostel still exists), the reasoning behind the existence of these constraints can’t be denied off. And from my personal experience, I could proudly say that the knowledge imparted to us makes us no lesser than any other NIT / IITian. My fellow NISTians, but again, life is not always about work and studies. Its more about enjoying what we do and taking out some time for our family and ourselves. There have been situations where in you need to slog till the dawn for meeting the deadlines and submission of the tasks assigned by the client, and unintentionally, we neglect our well-being. But as quoted by Chetan Bhagat, “Life is not to be taken seriously, as we are really temporary here. We are like a prepaid card with limited validity. If we are lucky, we may last another 50 years. And 50 years is just 2,500 weekends. Do we really need to get so worked up? It’s ok, bunk a few classes, goof up a few interviews, fall in love. We are people, not programmed devices.”

All the best! Regards,

Pankaj Kamani  
Class of 2008

Date: Fri, 11 Mar 2011 12:22:17 +0000  
From: sauravmisra2011@gmail.com  
To: akpanda62@hotmail.com; atanu2005dutta@gmail.com; smudali@hotmail.com  

Respected Sir,

I am Saurav Misra of Electronics and Communication Engineering branch of 2007 batch (Roll#200725350) pleased to share my success story. I have penned down this mail to inform that I have been recruited as Project Engineer (Quality Control & Testing) by Mercedes-Benz, India Pvt. Ltd, Pune. The 1st interview was on 21st March, 2011 and the final interview was on 4th July 2011. Behind all this there have been some constant guidance and the upward push both in aptitude and attitude by NIST and its faculties and eventually has made my dream come true. I am once again thankful to Dr. Ajit Panda Sir and Prof. Sangram Mudali Sir for giving me this opportunity to share my success with NIST family.

With Regards,

Saurav Misra  
Mercedes-Benz India Pvt. Ltd., Pune, Maharashtra.

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From: sauravmisra2011@gmail.com  
To: akpanda62@hotmail.com

Date: Fri, 11 Mar 2011 12:22:17 +0000  
From: sauravmisra2011@gmail.com  
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Saurav Misra  
Mercedes-Benz India Pvt. Ltd., Pune, Maharashtra.

Subject: Thanking my Mentor  
From: sauravmisra2011@gmail.com  
To: smudali@nist.edu

Date: Tue, May 31, 2011 6:10 am  
From: sauravmisra2011@gmail.com  
To: smudali@nist.edu  

Respected Sir,

First of all apologies for not being in regular touch with the institute that led the foundation of my career; however it’s never late as they say. When I look back after a decade from the year of graduation it gives me immense pleasure of what we learnt on and off the campus. Thank you very much to you and all the people (faculties, students, parents, mentors) who shared your dream way back in 1996. I must confess that you have mentored me knowingly or unknowingly with your positive attitude, energy and leadership skill. I always see you as a seasoned academician and a business leader at the same time.

Just to let you know I have been closely following the developments at our Institute from more than a year starting from infrastructure development to intellectual development. It’s great to see our institute grow by its stature as a place for intellectual transformation under your leadership and mentoring. However what struck to me is there are two areas which need some continual focus must be given to this.

1. Emotional Infrastructure need to be built and thought of sharing my thoughts with you.
2. Branding of the institute needs more focus - small example: current website is very informative but at a first look the information positions, pictures, fonts and colors does not reflect the philosophy of the institute, your dream & thought process. I guess this is some where not being transferred down the line.

Thanking you
Shakti Kalyan Badu

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From: sauravmisra2011@gmail.com  
To: smudali@nist.edu

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Look forward to hear about your thoughts on my perception even if I am wrong so that it will be learning for me how to develop right perception.

Last but not the least my best regards to all my teachers who guided building my carrier.

Thanking you
Shakti Kalyan Badu

Student, Batch of 1996-2000 -1E+10
The stage was set, cameras were focused, curtains were raised and it was the time for lights, camera and action. **SANKALP 2011**, the annual Techno-Management Symposium of ISTE Students’ Chapter was held at NIST during 21st to 23rd October 2011. It witnessed a conglomeration of young technocrats of various technical institutes of the country. The gritty determination, zealous perseverance, intellectual indulgence, myriad enthusiasm of technocrats were tested and challenged. It was most appropriately powered by the punch line “Lights, Camera, Action”. This was the 9th version of the original theme since its beginning in the year 2003. Since then the voyage has been propelled with the true spirit of team work, co-operation, coordination and determination which was catalyzed by the motivation and inspiration of the esteemed Director, Prof. Sangram Mudali. The following delegates made their august presence felt along with Prof. Mudali - Prof. A. K. Pujari, V.C. Sambalpur University and other delegates present in the panel discussion.

The human chain, organized by the club INNOVA, marked the opening of the Sankalp 2011, shortly after the inaugural ceremony. The chain that extended form the Lecture Hall Complex towards the Octagon consisted of all the dignitaries present on the occasion along with the faculty members and students who passed on the sacred symbolic torch from one end to the other.
1. PAGE 3 (paper presentation):
   CSE/IT/MCA 1st: E.Rashmi, Lalita Padhy NIST
   ECE 1st: Sujit Kumar Swain NIST
   EEE/EIE 1st: Shalini Sargam, Vineeta Agarwal NIST
   MBA 1st: Prakash Lal GIIT

2. THE ILLUSIONIST (poster presentation)
   1st: Suchismita Panda, Srandhanjali Kholaya NIST
   2nd: Neha Praveen, Nidhi Lata NIST

3. MEGAMIND (general quiz)
   1st: Debabrata Mohapatro, Sumit Kumar NIST
   2nd: Abhishek Rajan, Sourav Basak NIST

4. MEGAMIND (IT-quiz)
   1st: D.bhargav Achary, Prabhakar Patra NIST
   2nd: Anshuman Sathpathy, Partha Sarthi Purushottam NIST

5. MEGAMIND (core-quiz)
   1st: Gurpreet Singh, Preetish Pattnayak NIST
   2nd: Soumyajit Sahoo, Deepak Kumar Panda NIST

6. TROY (robotics)
   ACHILLES VS HECTOR 1st: Satya Swaroop Mohanty, Artatrina Tripathy, NIST
   2nd: Abinash Das, Sobhan Prakash Dhal, Amiya Ranjan Das NMIE

   CHARIOTS DASH 1st: Subhransu Kumar Sahoo, Miss Anjali, Biswa Ranjan Nayak, Sameer Parida NIST
   2nd: G.Ajit Kumar, Satya Narayan Nahak, Priyadarshini Nayak, A.Surekha Patro NIST

   TROJAN HORSE 1st: Kapilash Maharana, Sunil Kumar Padhi, Vinit Sahu NIST
   2nd: Poorman Sethi, Aditya Bose VSSUT, Burla

7. ELEKTRA HARDWIRED (on spot design)
   PIRATES OF SILICON VALLEY (hardware exhibition) 1st: Sunny Kumar, Vikas Kumar NIST
   2nd: Sandeep Soni NIST

8. GAMEPLAN (online gaming)
   COUNTER-STRIKE 1st: Team Unreality
   2nd: Team TK

   FIFA 1st: Ayush Anshuman Mohanty
   NFS 1st: Aditya Behera
   2nd: Nishant Rajan

   UNREAL TOURNAMENT 1st: Suneet Raj Gantayat

9. EK KHILADI EK HASEENA (Mr. and Miss Sankalp) Khiladi: Major Mani SIT
   Haseena: Bobby Sinha NIST

10. INDIANA JONES (Treasure Hunt)
    1st: G.Sridhar, Swayam Padhi, Harikrishna Patro
    2nd: Jasmine, Varsha, Ankita, Nishigandha, Pragya

11. BOB THE BUILDER (junk sense)
    1st: Gautam Nayak, Abhishek Choudhary, M.Satapriya Romonuja

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12. SOURCE CODE – C
1st: Ashik Kumar Nayak, Raj Kishore Panda
2nd: Prachi Prakash Mohapatro, Bikram Nayak

13. SOURCE CODE – JAVA
1st: Prachi Prakash Mohapatro, Bikram Nayak
2nd: Raj Kishore Panda, Avinash Mohapatra

14. UNTRACEABLE (ethical hacking)
1st: Pawan Raj
2nd: Manas Ranjan Mallick

15. THE SOCIAL NETWORK
1st: Sagar Sekhar Sabat, Subhranshu Mallick
2nd: A.Lakhan Kumar, Prateek Agarwal

16. AVATAR (flash designing)
1st: Anita Kumari
2nd: Megha Das

17. DIGITAL FORTRESS (VLSI) PSpice
1st: Manasmita Sadangi, Ishita Paul
2nd: Rabina Padhy, Mamata Sahu

18. DIGITAL FORTRESS (VLSI) XILINX
1st: Debasis Panda, K.S.Prasad Subudhi
2nd: Shantipriya Behera, Manisha Raiguru

19. REVOLUTION GREEN
GREEN HORNET
(model presentation)
1st: Pritish Krishna Panda, Saurav Kumar Dixit,
Goutam Pattnaik
2nd: Anurag Shekhar, Ankit Chand,
Sovatendu Praharaj

INCEPTION (idea generation)
1st: Shalini Sargam, Vineeta Agarwal
2nd: Fatma Zohra, Sneha Sinha

VANILLA SKY
(posters presentation)

20. GURU (Mr. CEO)
1st: Sridhar Sabat
2nd: Rahul Kumar Patra

21. BHINDI BAZAR (share market)
1st: Arjun Kumar
2nd: Rahul Kumar Patra

22. 8*10 TASVEER (wizAd)
1st: Bithika Das
2nd: Vinay Dubey

23. THE GREAT DEBATERS
1st: Saileja Pandey
2nd: Major Mani

24. STEP UP (inter-college dance)

25. SLUMDOG MILLIONAIRE
(king of computers)
1st: Rosalin Biswal
2nd: D. Bhargav Achary
3rd: Subhransu Sekhar Malik
4th: M.N.Harsha

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