HAPPY NEW YEAR
2012

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From the Director’s Desk

The untimely demise of Prof. S. N. Behera, Emeritus Professor of NIST, was a shock to all NISTians. The IWFM-2011 was indeed his brainchild and its success is a tribute to his legendary research and academic achievements. May his soul rest in peace. As a mark of our respect, NIST in collaboration with Orissa Physical Society, will host the annual S. N. Behera Memorial Lecture.

I wish all NISTians a Wonderful 2012. The passage of 15 years of NIST has been marked by a number of joyous events and more are in the pipeline. The Boys Hostel II on the Campus will soon break ground to accommodate additional 500 students on the campus by March 2013. A few more exciting infrastructure projects are in the pipeline.

I am happy at the response by the UG & PG students to the huge research journals and e-books now available online through the OIS. All the students are online, wi-fi and have access to millions of research papers and e-books. We also hope to leapfrog into the big league with the addition of the excellent research infrastructure available in the TIFAC building. If you have not visited it so far – go and see it!

We are impressed that there were a total of 28 student research publications in 2011 which is a testimony to the success of our RA program. I hope to see the numbers double this year. As usual NIST faculty and staff gathered for a family style picnic on Jan 3, 2012 with lots to celebrate in the year gone by and more to achieve in the coming year.

NIST has also been in the forefront of activities catering to the needs of society. The NIST Public Library at Gajapatinagar, Berhampur, has trained more than 200 people in communicative English and the Public Library is benefitting hundreds of students, job hunters, IAS/Bank/GATE aspirants, academicians, etc. We hope to reach out to a larger cross section of the society in this year – your ideas are welcome.

With Best Wishes,
15 January 2012
Sangram Mudali

From the Editors’ Desk

Welcome to the dawn of a New Day with New Hopes & Aspirations. Wish all our readers a Wonderful New Year 2012. The year 2011 has been a year of fulfillment & achievements, climbing a few more steps ahead in the ladder of success and bringing accolades, may be in terms of the ongoing TIFAC Core Research work or the recently held International Workshop on Functional Materials, may be the large number of faculty publications, the students’ participation & publications in International Conferences or enriching the State-of-Art library with more than 800 online E-Journals. The spirit of incessant work, the target oriented efforts, and the zeal of setting a benchmark in the global arena has proved NIST to be the institute with a Vision. With the students highly charged and geared up for the ensuing semester exams, we would definitely suggest the young minds to “…always do what you are afraid to do…” R. W. Emerson.

Amrut Phalguni Mohanty
Dipti Ranjan Lenka
Conference/ Seminar/ Workshop Attended

Mr. Naquib Akhtar and Mr. Ashutosh Pati, students, B. Tech., 4th year, EIE Branch, NIST attended the International Control System Conference (CISCON 2011) at MIT, Manipal from 3rd - 6th November 2011. They presented their work, entitled, “Modelling and Control of Two Degree Robotic Manipulator Using Bond Graphs” under the guidance of Mr. Abhro Mukherjee, Faculty, Dept. of Electronics & Instrumentation, faculty, Dept. of Electronics & Instrumentation, NIST.

Mr. Durga Prasad Dash, faculty, Dept. of Electronics & Communication Engineering attended a ‘Conference on Field Programmable Technology-2011’ from 12th – 14th December 2011 organized by the Indian Institute of Technology (IIT), Delhi. The International Conference on Field Programmable Gate Array held for the first time in India aimed at creating awareness on the various research works happening in this field. Around 200 delegates, mostly from abroad, participated in the Conference organized by the CSE Department, IIT, Delhi held at India Habitat Center, Delhi. The key note speaker was Prof. Wayne Luk, Imperial College London who started this conference in 2002.

Ms. Geetika Mudali, Placement Director, NIST; Dr. Motahar Reza, faculty member, Dept. of Applied Sciences; Mr. Rakesh Roshan & Mr. Sudhakar Das, faculty members, Dept. of ECE; Mr. Rajendra Kumar Khadanga, faculty member, Dept. of EEE; Mr. Nilanjan Patra & Mr. Rajiv Kumar Mishra, faculty members, Dept. of EIE; Mr. Sourav Pramanik & Mr. Santosh Kumar Kar, faculty members, Dept. of CSE, attended the International Conference for Celebration of 60th Anniversary of UNESCO Kalinga Prize for Popularization of Science jointly organized by Kalinga Foundation Trust, Bhubaneswar; United Nations Educational, Scientific & Cultural Organization (UNESCO), Paris, France; Department of Science & Technology, Govt. of Odisha; and Department of Science & Technology & Ministry of Human Resource Development, Govt. of India, New Delhi at KIIT University, Bhubaneswar during 4th & 5th January 2012. Eminent personalities, including, Sri Naveen Patnaik, Hon’ble Chief Minister, Odisha; Sri Kapil Sibal, Hon’ble Minister of HRD & Minister of Communications & Information Technology, Govt. of India; Sri Vilasrao Deshmukh, Hon’ble Union Minister of Science & Technology, Govt. of India; Ms. Gretchen Kalonji, Asst. Director General, UNESCO, Paris; were present in the opening ceremony of the Conference.

Papers Presented

Mr. Ashutosh Pati, B. Tech., 8th Sem. NIST; Mr. Yasobanta Panigrahi and Mr. Chinmaya Behera, B. Tech., 2007 Batch, NIST; attended the National Conference on Electronics, Communication and Signal Processing (NCECS), on 19th September 2011 at Siliguri Institute of Technology, Darjeeling, West Bengal and got their paper, “Design of Decentralized Controller for MIMO System using Labview” published in the Proceedings of the Conference under the guidance of Mr. Abhro Mukherjee, Faculty, Dept. of Electronics & Instrumentation Engineering.

Mr. Naquib Akhtar, B. Tech., 8th Sem., NIST; Ms. Swagatika Raju and Ms. W. Shivani, B. Tech., 2007 Batch, NIST, also attended the National Conference on Electronics, Communication and Signal Processing (NCECS), on 19th September 2011 at Siliguri Institute of Technology, Darjeeling, West Bengal and got their paper, “Modelling and Control of Two Degree Robotic Manipulator Using Bond Graphs” published in the Proceedings of the Conference under the guidance of Mr. Abhro Mukherjee, Faculty, Dept. of Electronics & Instrumentation Engineering.
Dr. M. N. Murty, faculty member, Dept. of physics, presented a Research Paper, “Bit-Level Systolic Architecture for a Matrix-Matrix Multiplier” co-authored by Dr. S. S. Nayak, Prof., Dept. of Physics, JITM, Paralakhemundi; Mr. B. Padhy, Demonstrator, Physics, Khallikote College, Berhampur and Mr. S. N. Panda, Lecturer in Physics, Gunupur College, Gunupur, at the International Conference on Electrical and Electronics Engineering, held on 22nd & 23rd October, 2011, at VITS, Nagpur, Maharashtra. The Conference was organized by Inter-Science Research Network (India), Bhubaneswar.


Mr. Kewal Krishna, B. Tech., 4th year, CSE student, presented a Paper entitled, “Non Correlated Character Recognition using Hopfield Networks: A Study” co-authored by Mr. Ankit Goyal, B. Tech., 4th year, CSE, student and Dr. Subhagata Chattopadhyay, Faculty, Dept. of CSE, at the International Conference on Computer & Computational Intelligence (ICCCI 2011) in Bangkok, Thailand. The conference was held during 2nd – 4th December 2011 and academicians, industry experts from all around the world participated in it. The conference was organized under the aegis of ASME press, UNSW, IACSIT, Heriot Watt University and Singapore Institute of Electronics. It received submissions from nearly 15 different countries and regions, which were reviewed by international experts, and about 130 papers were selected for presentation and publication. The Paper has also been published in the Proceedings of the Conference: pp. 385-389 Bangkok, Thailand 2011, Publisher: ASME press, NY, USA ISBN: 978-0-7918-5992-6 (indexing: ASME digital library, EI Compendex, and ISI THOMSON REUTERS). The conference expenses of the student were partially met by a generous travel grant by NIST as per Institute scheme.

Mr. Rajendra Kumar Khadanga, faculty, Dept. of Electrical & Electronics Engineering, presented a Paper, entitled, “Gravitational Search Algorithm for Unified Power Flow Controller Based Damping Controller Design” Co-authored by Dr. Sidhartha Panda, Prof., Dept. of EEE, in the IEEE International Conference on Energy, Automation And Signal (ICEAS-2011) during 28th – 30th December 2011 at ITER, Bhubaneswar. Around 500 delegates participated in the Conference which aimed at providing an international forum to discuss the emerging techniques for improving the performance of modern power and energy systems in terms of more energy security, a sustainable and reliable supply of electric power to the customers.


Invited Talks @ NIST

IEEE-EDS NIST Students Chapter organized a Seminar on 14th November 2011 at the institute’s auditorium. Dr. Jakub Kedzierski, MIT Lincoln Laboratory, USA delivered a talk in the seminar on A Decade of Nano-Electronics - Journey from Classical Bulk CMOS to Metal-Gate FinFETs. Students, Faculty members and all IEEE members attended the learning session.

- A Seminar Talk on ‘Role and Need of Mentors in Life’ by Mr. Venkat from CADENCE was arranged on 21st November 2011 at the Institute. Many of the students and faculty members attended the much informative talk.

- As part of Corporate Seminar Series for management students, Mr. S. K. Patro, DGM-HRD, IREL, Chatrapur delivered a Talk on ‘Emerging Trends on HR and IREL as a Case Study’ on 24th December 2011 at the institute. He apprised the students about the current HR practices and elaborated the HR practices in IREL as a case study. His lecture was attended by all management faculty members and students.

- A Lecture series on ‘Algorithm Analysis and Design’ was delivered by Prof. B. S. Panda, Indian Institute of Technology (IIT), Delhi, organized in the institute in 3 different Phases: 27th - 29th October 2011, 3rd - 6th December 2011, & 22nd - 24th December 2011. Many of the students, especially M. Tech. CSE Students, and faculty members participated in the talk.

Principal’s Meet by Infosys Bhubaneswar DC

Ms. Geetika Mudali, Placement Director, NIST along with Mr. Debananda Kanhar, faculty member, Dept. of CSE participated in the Principal’s Meet conducted by The Campus Connect Team at Bhubaneswar DC on 2nd December 2011 on the theme, ‘Sustainability’, 85 Delegates from 48 various Engineering institutes of Odisha, Sikkim and West Bengal participated in the Meet. The primary objective of the Meet was to share objective feedback in the recruitment, training and on-the-job performance, about the students joining Infosys from the respective institutes; share the Campus Recruitment Philosophy; acknowledge performing institutes for partnering in the growth of their business; recognize contributing faculty of the institute; share current perspectives on trends and ascertain the way forward; brainstorming with college management for sustainability of Campus Connect program; interact with senior management.
IWFM Workshop

The Institute organized the **International Workshop on Functional Materials (IWFM 2011)** in association with Drexel University, Philadelphia, USA during 20th – 22nd December 2011. Prof. Sangram Mudali, Director, NIST; Prof. Peter Entel, University of Duisburg-Essen, Germany; Prof. Syamalendu M Bose, Drexel University, USA; Prof. Geetika Mudali, Placement Director, NIST inaugurated the Workshop.

As a mark of respect, the portrait of Late Prof. S. N. Behera was kept on the centre chair of the dais and the dignitaries and delegates observed 1 minute silence offering prayers to the departed soul.

Prof. R. W. Siegel, Rensselaer Polytechnic Institute, New York, USA; Prof. M. Sprinborg, University of Saarland, Germany; Prof. S. Gill, Visva-Bharti, Santiniketan; Prof. S. Bedanta, NISER, BBSR; Prof. V. Seshubai, University of Hyderabad, AP; Prof. D. S. Pickard, National University of Singapore; Prof. S. D. Tyagi, Drexel University, USA; Prof. Olga Bylya, Moscow State University, Russia; Prof. D. Sa, BHU, Varanasi; Prof. H. N. Ghosh, Raja Ramanna Centre for Advanced Technology, Indus; Prof. Mukund P. Das, The Australian National University, Canberra; Prof. G. Mukhopadhyaya, IIT, Bombay; Prof. D. R. M. Williams, Australian National University, Canberra; Prof. K. K. Nanda, Materials Research Centre, IISc, Bangalore; Prof. P. K. Panda, National Aerospace Laboratories, Bangalore; Prof. S. Satpathy, University of Missouri, Columbia, USA; Prof. S. K. Nayak, Rensselaer Polytechnic Institute, USA; Prof. C. Jacob, & Prof. A. Tarafdar, IIT, KGP; Prof. B. Kumar, JNU, New Delhi; Prof. A. K. Mishra, IIT, Madras; Prof. P. K. Kahol, & Prof. K. Ghosh, Missouri State University, USA; were the other eminent National and International resource persons.

Delegates from different institutes of National & International repute participated in the Oral and Poster Presentation, including, different IITs; IIScs; NITs; BHU, Varanasi; University of Duisburg-Essen, Germany; University of Singapore, CSIR, BBSR; Charles University in Prague, Czech Republic; Institute for Theoretical Solid State Physics, Germany; Sandia National Laboratories, New Mexico; Nanoyang Technological University, Singapore; Max Planck Institute for Chemical Physics of Solids, Germany; North Eastern Regional Institute of Science & Technology, Arunachal Pradesh; Trident, BBSR; CVRCE, BBSR; Sambal University; Utkal University; Manipur University, Imphal; ISM, Dhanbad; Meerut College, UP; Kakatiya University, Warangal; GITA, BBSR; Silicon, BBSR; ITER, BBSR; KEC, BBSR; North Orissa University, Baripada; Institute of Materials Science, BBSR; KIIT University, BBSR; Annamalai University, AP; PSG College of Technology, Coimbatore; Institute of Advanced Study in Science & Technology, Guwahati; Andhra University, Vizag; Chonbuk National University, Korea; Institute for Plasma Research, Ahmedabad; Centre for Nano Science & Technology, Pondicherry; Assam University, Assam; Govt. Degree College for Women, Srikakulam; REVA ITM, Bangalore; Apex Institute, BBSR; and NIST, Berhampur, held in the 3-Day Workshop.

**GUEST HOUSE ON CAMPUS**

New Guest Rooms (4) for guests have been inaugurated in the Facility Center of the Campus. Each of this Guest Rooms is fully furnished having all facilities, like, AC, internet, TV, Dining, attached toilets, etc.

**NEW MODULE IN OIS**

A new module, **Consumables and Services Requisition** has been introduced in the NIST-Online Information System (OIS). The module is used by all faculty members & staff for availing any services from Xerox and Facility Centre.
Workshop on Entrepreneurship

The Entrepreneurship Development Cell (EDC) of the institute organized a 1-Day Workshop on Initiation to Enterprise on 10th December, 2011. The workshop was inaugurated by Prof. Sangram Mudali, Director, NIST; Prof. Geetika Mudali, Co-Founder & Placement Director, NIST; Mr. Prasenjeet Pati, Chairman and CTO, Afixi Technologies, Bhubaneswar; and Mr. Amarkant Padhy, Chartered Accountant, Berhampur. Prof. Sangram Mudali delivered the Inaugural Speech highlighting the importance of entrepreneurship and Prof. Geetika Mudali emphasized how entrepreneurship is important for a student in particular and for the nation in general in today’s era. The workshop was organized to motivate and guide the B. Tech., MBA and PGDM final year students to become entrepreneurs. Three Eminent Speakers were invited for the workshop, including, Mr. Prasenjeet Pati, a successful entrepreneur of the state, who explained in details on how to become a successful entrepreneur and provided valuable tips to the participants to start their business after completion of their academic programs, Mr. Amarkant Padhy delivered his talk on the significance of Finance in the Business. He described the different relevant areas related to Financial Accounting, Cost Accounting, etc. He asked the participants to focus on the business plan which lays the foundation of a successful business and Prof. C. R. Patnaik, Regional Coordinator, Eastern India, Entrepreneurship Development Institute of India, Ahmedabad presented his talk on the various qualities & skills required to become a successful entrepreneur. The workshop was successfully coordinated by Dr. Sudhir Kumar Panigrahi, Coordinator, EDC, NIST.

INSPIRE : Management Program - 2011

NIST organized the INSPIRE – 2011: Festival of Learning for Managers of Tomorrow on 23rd December 2011 for the final year students of all +3 streams of Arts, Science & Commerce and also BBA, BCA, B. Tech., B. Pharm. Prof. Surya Mishra, Ex-Dean, Management Program, Biju Patnaik University of Technology (BPUT), Odisha and Prof. Geetika Mudali, Placement Director, NIST enlightened the participants throwing light on the different career prospects and avenues on joining MBA and PGDM Courses. Various Management Games on Finance, Marketing, HR & General were arranged and winning contestants were awarded with prizes at the Concluding session. Dr. E. Raja Rao, faculty, Dept. of English, Dr. Arun Kumar Mohapatra & Dr. Ashok Mohanty, faculty members, Dept. of Management Studies delivered Talks on NIST and its various Programs. The Program came to an end with the Concluding Remarks and Prize Distribution by Prof. Geetika Mudali.

Inter School Literary Competition 2011

The 4th Inter School Literary Competition 2011 organized by the Literary Club of the institute, CLUB EUREKA: Rediscover Yourself was held with participating students of both English and Vernacular medium schools in and around Berhampur on 11 December 2011. A host of literary competitions in both English and Oriya languages: Debate, Essay Writing, Collage Composition, Poem Composition, Story Writing, Spell Bee, Poster Presentation, were held for the students from Class 8th to 10th. Around 300 students participated in the program. In the Valedictory Function, Prof. Geetika Mudali, Placement Director, NIST distributed the prizes to the winning members and the Champions’ Trophy to De Paul School, Berhampur who bagged the prestigious award consecutively for the third time by grabbing maximum number of prizes in the Competition. The entire Program was coordinated by Mr. Amrut Phalguni Mohanty, Mr. Dipti Ranjan Lenka, Faculty, Coordinators, Mr. Lalip Nanda, President, Mr. Kumar Ankit, Secretary, CLUB EUREKA and all other members of the club.
800+ Online E-journals @ NIST library

The Institute has subscribed more than 800 World Class E-journals of all Disciplines for the Central Library. This includes access to all Research Journals as well as Teaching Materials, Handbooks, Dictionaries, etc. which cover Sciences, Humanities and Engineering. Such facility is usually available only at IITs and top Institutions of the country. The following are the journals/digital library we have ordered for the year 2012. The links are available to all NISTians through the Online Information System (OIS) & NIST Website, www.nist.edu.

List of Journals Subscribed:
1. IEEE – All Society Periodicals E-Package (145 e Journals)
2. J-GATE Engineering & Technology (Product Code: JET)
4. Springer Electrical, Electronics & Computer Science Engineering Collection
5. McGraw- Hill’s Access Engineering
6. ASTM Digital Library

[NIST has published a record number of 102 faculty papers in the year 2011]

Thursday Lecture Seminar Series

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
</tr>
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<tbody>
<tr>
<td>August 18, 2011</td>
<td>An Elegant Load Balancing Scheme in Grid Computing using Grid Gain</td>
<td>Mr. Buddhadeb Pradhan, Dr. D. S. Roy</td>
<td>September 15, 2011</td>
<td>Advantages of Open Source based High Performance Computing on Intel Platform</td>
<td>Mr. Kaushik Goswami</td>
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<tr>
<td>August 25, 2011</td>
<td>Some Investigations on the Analysis of Micro-Array Gene Data used For Cancer Prediction</td>
<td>Mr. Rajiv Misra</td>
<td>September 15, 2011</td>
<td>In Search of 21st Century Chimtigupta!</td>
<td>Mr. Subir Saha</td>
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</tbody>
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Title : Face-Sketch Recognition
Speaker : Mr. Sourav Pramanik

Title : Intra-Mail Demonstration
Speaker : Mr. Dev Padhy

Title : Teaching Innovations
Speaker : Mr. Amrut Phalguni Mohanty

Title : Working with the Waste Land- The Renaissance of the Soul
Speakers : Ms. Sreeyasree Deb, Ms. Soumya Samanta, and Ms. Sujata Mudali

Title : From Mr. to Dr.: A Journey
Speaker : Dr. Mihir Hota

Title : A long Journey towards Research
Speaker : Dr. Sushanta Tripathy

Title : Awarding Academic Honorarium
Event : September 08, 2011

Title : Development of a Microcontroller Based Air Heater System
Speaker : Ms. Nabanita Chatterjee

Title : Color Image Enhancement
Speaker : Mr. Satyabrata Das

Title : An Effective Cryptosystem For Light Weight Block Cipher
Speaker : Ms. Madhumita Pal
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<th>September 22, 2011</th>
<th>November 10, 2011</th>
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<tbody>
<tr>
<td><strong>Title</strong></td>
<td>Study the stability of the position control loop for microcomputer Controlled AC servomotor</td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Abhishek Kumar</td>
</tr>
<tr>
<td><strong>Title</strong></td>
<td>Handwritten Tibetan character recognition</td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Umesh Yonzon</td>
</tr>
<tr>
<td><strong>Title</strong></td>
<td>The Wind Turbine in NIST</td>
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<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Bhagabati Prasad Patnaik</td>
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<th>October 27, 2011</th>
<th>November 17, 2011</th>
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<tr>
<td><strong>Title</strong></td>
<td>A Study on the Effects of Doubly Fed Induction Generator Based Wind Farm on the Small Signal Stability of Multi-Machine Power Systems</td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Jeetendra Chaudhary</td>
</tr>
<tr>
<td><strong>Title</strong></td>
<td>Information Extraction from Polarimetric SAR Images</td>
</tr>
<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Rajib Panigrahi</td>
</tr>
<tr>
<td><strong>Title</strong></td>
<td>On Entrepreneurial Marketing</td>
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<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Tryambaka Mahapatra</td>
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<th>November 3, 2011</th>
<th>November 24, 2011</th>
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<tr>
<td><strong>Title</strong></td>
<td>Design of Fractional Order Differentialtors</td>
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<tr>
<td><strong>Speaker</strong></td>
<td>Mr. Siba Sankar Padhy</td>
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<tr>
<td><strong>Title</strong></td>
<td>An Investigation of Gain Enhancement of Microstrip Antenna using TSRR Shaped Left Handed Metamaterial</td>
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<tr>
<td><strong>Speakers</strong></td>
<td>Mr. Asit K.Panda &amp; Mr. Abhishek Sahu</td>
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<tr>
<td><strong>Title</strong></td>
<td>SAP Academic Conference 2011</td>
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<tr>
<td><strong>Speakers</strong></td>
<td>Mr. Shom Prasad Das &amp; Mr. Bhawani Sankar Patnaik</td>
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**BEC Exams @ NIST**

The Institute conducted the University of Cambridge - British Council, Business English Certificates (BEC) Examination, both, Preliminary & Vantage during 26th - 28th November & 3rd December 2011. Total 135 preliminary & 50 Vantage students appeared the test on four different skills of Learning: Reading, Writing, Listening & Speaking, in the institute campus. The candidates were trained with a total of 30-Hours sessions by British Council trained trainers, Dr. E. Raja Rao, Mr. Dipti Ranjan Lenka, Mr. Amrut Phalguni Mohanty, Ms. Tripti Mund & Ms. Sreta Patnaik, faculty members, NIST. The Program was coordinated by Mr. Mohanty & Mr. Lenka, Coordinators, BEC Program, NIST.
## Sporting Achievements of NIST Students

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<tr>
<th>Event</th>
<th>Prize</th>
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<tr>
<td>1st Berhampur Open Institutions Cup (Basket Ball)</td>
<td>Runners up</td>
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<td>Berhampur Stadium, 12th - 14th Nov, 2011</td>
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<tr>
<td>1st Brundaban Nayak Memorial Tournament (Cricket) SMIT, Berhampur, 15th - 25th Nov, 2011</td>
<td>Winner (Trophy with Cash Prize Rs.5555/-)</td>
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<tr>
<td>1st Brundaban Nayak Memorial Tournament (Basket Ball) SMIT, Berhampur, 15th - 25th Nov, 2011</td>
<td>Winner (Trophy with Cash prize Rs.2222/-)</td>
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### District Athletics Meet Games, Ganjam 2011

- **Ms. Chandini Pattnaik**, 3rd yr, B. Tech.
  - Discuss Throw & Javelin Throw 1st Position
- **Ms. Sangeeta Rath**, 3rd Yr, B. Tech.
  - Discuss Throw 2nd Position
- **Ms. Harshita Singh**, 4th Yr, B. Tech.
  - Discuss Throw 3rd Position
- **200 mt. Race** 2nd Position
- **800 mt. Race** 3rd Position
- **Ms. Sunita Mohapatra**, 1st Yr, B. Tech.
  - 400 mt Race 3rd Position
- **Ms. Ashmita Mohapatra**, 2nd Yr, B. Tech.
  - Discuss Throw 3rd Position
- **Mr. Baba Hansda**, 4th Yr, B. Tech.
  - High Jump 3rd Position

### 15 Glorious Years Celebration

As a part of the celebration of the **15 Glorious Years of NIST** (1996 - 2011), the Institute staged **A Play, RUDALI** performed by a famous Indian Theatre Group, **Rangakarmee**, led by **Ms. Usha Ganguly**. Many of the faculty & staff members & students enjoyed the Hindi play performed by a 32 person theatre group from Calcutta which was held in Town Hall Auditorium, Berhampur on 3rd December 2011.

Continuing the Celebration Spirit, **A Cultural Nite** was organized on 23rd December 2011 in the campus with Celebrities like, **Rex D'Souza**, a well known singer from Mumbai, **Amay Date**, Bollywood Play Back Singer and finally the **Prince Dance Group**, winner of ‘India's Got Talent’ of Colors Channel. The evening witnessed some of the brilliant performances enjoyed by the students, staff and faculty members along with their spouses.
NIST Welcomes

Mr. Manoj Kumar Rana joined as faculty member in the Dept. of Computer Science & Engineering. He did his B. Tech. in CSE from Kalyani Govt. Engineering College, Kalyani, West Bengal. & M. Tech. in Distributed and Mobile Computing from Jadavpur University, Kolkata. He has published a Paper, “Micro-NEMO++: An Efficient Micro-Mobility Protocol for Network Mobility” in the International Conference, ICCIA-2011. His areas of Research Interest include Mobile Computing & Mobile Adhoc Network.

Ms. Sarita Sahu joined as faculty member in the Dept. of Chemistry. She has done both her M. Sc. & M. Phil. in Chemistry from Ravenshaw University, Cuttack and Berhampur University, Berhampur respectively, with Organic Chemistry as specialization. She has 3 years of teaching experience in institutes like JITM, Paralakhemundi & Aryan Institute of Engineering & Technology, Bhubaneswar. Her research interest lies in the field of Organic Synthesis, Synthesis of Organic Compounds with Biological & Pharmaceutical importance. She is a Patron Member, Orissa Chemical Society (OCS) and has also published a Paper, “Enhancement of Bio-Availability of Acridone by Inclusion Complex Formation in β-Cyclodextrin” to her credit.

Mr. Asim Kumar Mahakul joined as faculty member in the Dept. of Electronics & Instrumentation Engineering. He did his B. Sc. in Physics Honours from Dhenkanal Autonomous College, Odisha and M. Sc. in Electronics (Embedded Systems) from School of Physics, Sambalpur University, Odisha. He completed the Science & Engineering Research Council (SERC) School on Experimental High Energy Physics (EHEP) at Indian Institute of Technology (IIT), Bombay. He is also an M. Tech. in Instrumentation from NIT, Kurukshetra. Mr. Mahakul was a Post Graduate Trainee at Centre for Scientific Instrumentation Organization (CSIO), Chandigarh, a CSIR Lab and was a part of the I-Tongue group at CSIO, and has developed both PC Based and Micro-Controller based Instruments for I-Tongue. His Research interests lies in the area of Impedance Spectroscopy & Machine Learning.

Mr. Rajib Kumar Panigrahi joined as faculty member in the Department of Electronics & Communication Engineering. He has done his Ph. D. in “Information Extraction from Polarimetric SAR Images” from the Dept. of EEE, Indian Institute of Technology (IIT), Guwahati under the guidance of Dr. Amit. K. Mishra and Prof. S. Dandapat, Dept. of EEE, IIT, Guwahati which was partly funded by ISRO, India. He did his M. Tech. in Electronics with Microwave as specialization from the Dept. of ECE, Cochin University of Science and Technology (CUSAT), Kochi and B.E. in Electronics and Communication Engineering from DSCE, Bangalore University. Mr. Panigrahi has worked at a good number of institutes, such as, SMIT, Chandipadar; UCP Engineering School, Berhampur; DSCE, Bangalore, NIST, Berhampur; IIT, Guwahati both in teaching & research. He has published a number of research papers in different journals & conference proceedings of repute. His areas of Research Interest include, Signal processing, Radar based remote sensing, Denoising, segmentation and classification of radar images & Polarimetric radar configurations.

Mr. Nanisetti Serish joined as faculty member in the Department of English. He has done his Graduation in English Literature from Hislop College, Nagpur and M. A. also in the same subject from Post Graduate Teaching Department (PGTD), Nagpur University. Mr. Serish has worked as Sub-Editor, Chief Sub-Editor, Features Editor, News Editor and Special Correspondent over the past 20 years with Nagpur Times, Lokmat Times, Afternoon Despatch & Courier, The Pioneer, Deccan Chronicle, The New Indian Express and The Hindu. He met the founders of Google Sergey Brin and Larry Page for interview, Maoist leader Ramakrishna and did a number of breaking stories including communal rioting and social troubles. He has also participated in different conferences in Hamburg, Germany; Kandy, Sri Lanka; Jaipur; Kuala Lumpur, Malaysia; besides attending a number of seminars and conferences in the course of his work. His research interest includes a History of Hyderabad, the Role of Gutka in adversely affecting the image of Odisha and its health consequences and the role of discipline in stifling creativity in modern India vis-a-vis the life of S. Ramanujan.

Ms. Archana Bhagat joined as faculty member in the Department of Management Studies. She has done her B. Com. from St. Ann College for Women, Osmania University, Hyderabad and MBA in Finance & Systems from BIMIT, Utkal University, Bhubaneswar. She is pursuing her Ph. D. in Organisation Behaviour: “Personality predictors of Charismatic Leadership” from Utkal University. She has a good
number of teaching experience as a faculty member at Bhubaneswar Institute of Management and Information (BIMIT), BBSR, for 6 years, at ICFAI National College, Berhampur, for 5 years, and also at IIPS, Berhampur: An Initiative of Everonn Business Education Limited (EBEL). She has presented a Paper on “Management of Workforce Diversity” in a seminar sponsored by Indo Canadian Shastri Institute in February 2011 at Xavier Institute of Management, (XIMB), Bhubaneswar. She has Co-authored a Paper, titled, “Working parents and child Stress” presented in the International Conference organized by Utkal University and sponsored by Indo Canadian Shastri Institute.

Mr. Smruti Ranjan Rout joined as faculty member in the Dept. of Mechanical Engineering. He has done his B. Tech. in Mechanical Engineering from Institute of Technical Education & Research (ITER), Bhubaneswar. His areas of Research Interest include Analysis of Bio-Composite Material.

Mr. Santosh Kumar Sahu joined as faculty member in the Dept. of Mechanical Engineering. He has done his B. Tech. in Mechanical Engineering from Sanjay Memorial Institute of Technology (SMIT), Chandipadar. He has served as faculty member at Bharat Institute of Engineering & Technology, Berhampur (BIET), Berhampur for 1 year. His areas of Research Interest include Automobile and Power Plant.

Ms. Digambari Mahapatra joined as Laboratory Supervisor in the Dept. of Electrical & Electronics Engineering. She has done her Diploma in Electrical Engineering from Kalam Institute of Technology, Berhampur. Her interest lies in the areas of Power System, Instrumentation & Control.

Mr. Rama Ranjan Panda joined as Laboratory Supervisor in the Dept. of Physics. He did his B. Sc. in Physics Honours from SKCG Autonomous College, Paralakhemundi and pursuing M. Tech. in CSE branch NIST, Berhampur. He has also done his MCA from NIST, Berhampur. His Interest includes Automata, Compiler Construction, Simulation and Soft Computing. Berhampur. His Interest lies in Software Engineering, System Analysis and Design, Operating Systems and DBMS.

Mr. Ajit Kumar Samal joined as Laboratory Supervisor in the Dept. of Computer Science & Engineering. He did his B. Sc. from Aska Science College, Aska, Ganjam, and MCA from NIST, Berhampur. He has worked as Technical Support Engineer for 6 months in SCL, BBSR. His Interest includes DBMS & Wireless Sensor Network.

Ms. Tapaswini Sabat joined as Laboratory Supervisor in the Dept. of Electronics & Communication Engineering. She has done her Bachelor in Electronics Science (BES) from Academy of Technocrats, Berhampur. Currently Ms. Sabat is continuing her M. Sc. in Electronics in Berhampur University, Berhampur. Her Interest lies in Micro Controller & Micro Processor.

Ms. Nazreen Parween joined as Laboratory Supervisor in the Department of Electronics & Communication Engineering. She has done her Diploma in Electronics & Tele Communication Engineering from Black Diamond School of Engineering, Brajrajnagar, Jharsuguda. She has worked as laboratory supervisor at Black Diamond College of Technology, Jharsuguda, Odisha. Her interest lies in the areas of Basic Electronics.

Mr. Aditya Ranjan Patra joined as Laboratory Supervisor in the Dept. of Electronics & Communication Engineering. He has done his Diploma in Electronics & Tele Communication Engineering from Uma Charan Patnaik Engineering School (UCP), Berhampur. His interest lies in the areas of Communication.

Mr. G. Ganesh joined as laboratory Supervisor in the Dept. of Electrical & Electronics Engineering. He did his Diploma in Electrical Engineering from Sanjay Memorial Institute of Technology (SMIT), Ankushpur, Ganjam.

Ms. Sasmita Sarangi joined as a Receptionist. She has done both her Graduation and Masters in political science from Khallikote Autonomous College and Berhampur University, Berhampur respectively.

NIST e_news welcomes all the new members and wishes you a wonderful career!
Finally!!! The year ended on a historical note, almost nine years after the first American tanks began massing on the Iraq border, the Pentagon declared an official end to its mission here on 15th of December, closing a troubled conflict that helped reshape American politics and left a bitter legacy of anti-American sentiment across the Muslim world. The Philippines usually has about 20 major storms and typhoons a year. But the tropical storm “Washi” caught the people of northern Mindanao by surprise, as it’s an area which is usually bypassed by the worst of the country’s extreme weather. According to government reports the storm killed 1257 people and destroyed public and private property of millions of dollars. This is the most ferocious storm to hit the region since the 1970s. In a bid to reach beyond the limits of human astronomy, The Mars Science Laboratory rover Curiosity, the most elaborate Martian exploration vehicle to date, is launched from Kennedy Space Centre. It is stated to land on Mars on August 5, 2012. December 30th was the day which Samoans never saw. The tiny South Pacific island moved west over the international dateline, and its citizens lost a day of their lives as they jumped 24 hours ahead. On the national forefront India’s Fight Against Corruption got a boost when the UPA government promised the nation, a Strong Lokpal. The Bill managed to pass the Lower House but was challenged in the Upper House, yet again; the whole nation was left guessing when debate ended in an ultimate chaos and drama. One of the largest rail networks in the world ‘The Indian Railways’ achieved another milestone by flagging off Vivek Express, the longest rail of India which is 4286 km. Congress Supremo Sonia Gandhi and Indian Prime minister Mr. Manmohan Singh Featured among the “Top 20 most powerful people on Earth, with 11th and 19th positions respectively. Maoist movement in the country has suffered a massive blow with the killing of Mallojula Koteshwar Rao, popularly known as Kishenji, in West Bengal. The biggest credit for this 57-year-old Maoist leader is the building of Lalgarh movement in West Bengal, which is now billed as the second Naxalbari in India. Malayalam websites too joined the online blackout led by Wikipedia against the piece of legislation being framed in the US which allegedly damages free and open internet. When the blackout enters Indian arena, it takes the shape of an anti-government protest, especially at a time when the Union Government moved against sites such as Google, Facebook etc. Around four popular websites had blacked out since Tuesday midnight. The websites ‘marunadanmalayalee.com’, ‘malayalam’, ‘doolnews.com’ and ‘nalamidam.com’ observed the blackout in protest against the Stop Online Piracy Act (SOPA) and the PROTECTIP Act (PIPA) proposed in the US Congress. The latest buzz in Biz world is Eastman Kodak Co, which invented the hand-held camera and helped bring the world the first pictures from the moon, has filed for bankruptcy protection, capping a prolonged plunge for one of America’s best-known companies. The more than 130-year-old photographic film pioneer, who had tried to restructure to become a seller of consumer products like cameras, said it had also obtained a $950 million, 18-month credit facility from Citigroup to keep it going. In a blow to India’s Growth Story, the economy will grow at its slowest pace in two years this fiscal year, as tight monetary policy and a logjam in government policy making stifles investment, a Reuter’s poll showed. India has been ranked the sixth most “innovative” country in the world in multinational conglomerate GE’s Annual Global Innovation Barometer, driven by financial support from public authorities and long-term support from investors. The report, based on a survey of 2,800 senior business executives in 22 countries, including 200 respondents in India, identifies the top enablers for innovation in the country as talent (‘creative’ talent and people with technical expertise), financial support from public authorities and long-term support from investors. Growth estimates for Asia’s third largest economy in the current fiscal have been cut four times in a row and it is now expected to expand at an annual rate of 7 per cent in the year ending March, according to the poll of more than 20 economists. Meanwhile in sports, Indian Cricket again shackled overseas when India was smashed 4-0 in tests and loosing the ODI series as well. On paper, the Indian cricket side’s performance in England this summer ranks as their worst in England after the 5-0 whitewash in 1959 - which included three innings defeats and others by 171 runs and eight wickets. However in 1952 - where statistically - India lost a four-Test series 3-0, it was not really any better. With the current series against Aussies, Indians are down 3-0 which makes their losing streak to 7... The worst figures in last 4 decades...

Bird flu scare grips Orissa. After the flu scare that started from Kerang of Khurda district, the people of the State are panicry when they witness death of crows and other birds in their areas. The death of 40 to 50 crows and a stork in Angul scared the locals. The dead birds were found at madan mohan pada Angul, Pallahada, and Talcher area. Besides, many crows on the branches of an old tree were found in a drooping state. First the district administration had not taken any steps to alert the people about flu and its effect on health of the people. But now they take it seriously. The presence of the virus has already been confirmed in Angul district where presence of H5N1 has been confirmed. Finally the year witnessed some notable deaths, Apple founder Steve Jobs, Bollywood Evergreen Dev Anand, Ghazal Maestro Jagjit Singh, Picasso of India M. F. Hussain and Pandit Bhimesen Joshi, a heavyweight maverick among musicians.. RIP.

National Institute of Science & Technology, Berhampur, 761008
Welcome to the New Year’s edition of sportscast. This New Year has an entirely new ‘Sportscast’ along with a new correspondent Ashraf Haroon Rashid wishing you all a blissful and a prosperous year. This New Year came with a real bang for the Indian cricket with the Indian cricket team losing sardonically the first three tests against team Australia and is lagging behind in the series 3-0. India is also set to play two T20 matches and a tri-series including Australia and Sri Lanka. Amongst all the media hype and derogatory comments from both sides, the series began with a high note with an amorous Sir Don Bradman oration by Rahul Dravid, who besides becoming the first non Aussie to do so also became the oldest test player of his times. Though team India’s performance has been dismal yet every three out of five Nistian would say “next time they will do it”. That is what we call blind supporting and that is what is needed for team India, support, faith and a little bit of luck and then the so called ‘paper tiger’s’ will surely show the entire cricketing fraternity their worth. Before the Australian tour, Team India white washed the English and West Indian teams in ODI series to end 2011 on a high note. 2011’s another highlighted moment for the Indian cricket was Virender Sehwag’s stupendous 219 against West Indies at Indore cricket ground. Talk of records, the Sri Lankan team which has the record of being the team against which three of the lowest totals have been scored, was on the receiving end this time. Sri Lanka renounced to South Africa’s classic bowling attack and got bowled out for just 43 at Paarl. 

Shifting on to some soccer action, Lionel Messi won the most prestigious ‘Ballon d’Or’ award for the third consecutive time and became the only player after Platini to do so. Messi finished ahead of his arch rival Cristiano Ronaldo and Barca teammate Xavi. In EPL, the city of Manchester continues to rule with the Etihad backed City topping the charts. Lagging behind them are the ‘Red Devils’ ManU on second, Tottenham on third while Chelsea and Arsenal are slugging it out for the fourth position. Manchester United got some respite by beating their cross town rivals Manchester City in the FA cup quarterfinals. In the ‘La Liga’, Real Madrid continues to be best team by leading in the first position. Following them are the Catalan giants Barcelona. India also got to see some of the best European football in an exhibition match against the Bavarian giants Bayern Munich. India lost 4-0 in what was to be the farewell match of captain Baichung Bhutia. 

Drifting onto some motor sports, Sebastian Vettel won the Brazillian Grand Prix by finishing first with a time of 1:32:34,447. Force India’s Adrian Sutil finished sixth. Vettel, thus won the Driver’s championship finishing with 392 points. Jenston Button and Mark Webber finished second and third with 270 and 258 points respectively. The constructor’s championship was won by Red Bulls. Roger Federer won the ATP masters again by beating Jo Tsonga at the O2 arena in London. David Ferrer won the Auckland ATP by beating Oliver Rochus and Bernard Tomic won the Kooyung classic by beating Mardy Fish.

But the highlight of this month has to be the NIST cricket team winning the SMIT cricket tournament which has consistently performed well in other tournaments also. Finally, wishing the NIST cricket team the very best and a salutation to India’s star footballer Baichung Bhutia, we wind up this edition of ‘Sportscast’.

Guided by- Mr. Naquib Akhtar(7th sem)
For further queries or suggestion please contact@-Email-ashurshd1@gmail.com

Cynosure of all Eyes

Hello Readers! It feels good to be back to writing after this long unavoidable break. Well, to speed things up, AnnaMania was at its peak in the last five months and not even once in these months did I dare to avoid Anna and the politics surrounding him. Before you start guessing, I better tell you that this piece of writing is not about the Jan Lokpal Bill, in fact neither for nor against it.

A few days ago, some sudden plans were made and I had to go home. A wintry night long journey without reservation and a general ticket in hand did not seem to be a challenge. With the hope of getting a confirmed ticket from the travelling ticket examiner (T.T.E), I boarded the train. And hey, the T.T.E did come and agreed to give me a seat. He gave me two options; the first was I could pay for the whole fare...
which was 324 and get a berth legally or I could give the T.T.E some odd 200 and get a berth off the
records. I did not take much time, well, did not even give my choice a second thought and paid 200. I
should have been happy seeing that I saved 124, and I was until I went up to my berth. Flashbacks
started, memories recollected. It was not long ago, when I promised myself that I would not indulge in any
corruption activities. I wanted everyone to stand against corruption, and lo, there I was, bribing a government
employee so that my purse could stay heavy for a little longer. I hated myself at that moment yet I did
nothing. The incident occurred and I learnt something, I realized “Talk alone doesn’t cook rice.” It was
easier to speak and preach on bringing a change, but when the time tested me, I failed.

These are the small confrontations which lead to crisis. It is in our everyday schedule that we, without
even realizing submit ourselves to corruption, and yes, we are the ones who conduct rallies, road shows
and programs to create awareness in the society. The fight in the country on India against corruption
was between the pro and the anti Lokpal groups. All those who were anti were dubbed as corrupt
and co-opted by the system while those supporting it were seen as the messiahs trying to lead a crusade
to change our corrupt, archaic and inefficient system. But, I say, no. The fight is within one self. How
do we even expect the ministers in India, meant to fill their pockets, to deliver their promises, when we
ourselves cannot commit to our promises?

The movement led by Anna Hazare spread the message that India has changed and that its young
citizens are looking for a new grammar of politics and a new breed of politicians. I wonder how India
can change when Indians haven’t. Insincerity, insensitivity and innate selfishness shone through every
move. It requires all those hundreds and thousands of young men and women who thronged public parks
and jostled on streets on marches and protests in support of this movement to enlist and take charge.
Our background and circumstances may influence who we are, but we are responsible for how
we act. I would say that it is only by flooding the political system with our sense of goodness and honesty
that we can impact political behavior – so flood the gates, enlist and overtake the political mainstream.
Don’t just stand by the side chanting slogans. Be the slogan you chant.

The challenge to corruption is not a simple game of naughts and crosses, not about the right to recall or
reject but an algebraic algorithm that pervades the system in a light and shade pattern that makes the
enemy almost ghostlike and intangible. And yet there exists a method to corner this beast – and it is the
collective will and intelligence of the people, acting in concert. The recent mobilization of the youth and
the country on corruption could end in a whimper if the correct lessons are not sought. And the first
lesson begins at home.

[Any suggestions or feedback regarding the article are welcome and can be mailed to
me.neenac@gmail.com]

SAT SAYS: resolutions 2012

Mr. Kewal Krishna, B. Tech., 8th Sem., Team e_news

How was your New Year’s Eve? What were you doing- Singing, dancing, or partying? Well
whatever you did SAT hopes that you had a blast. SAT is delighted. A brand new year, a
brand new set of events and a brand new cluster of situations to make fun of. Its time you free yourselves
from your monotonous mortal lives and listen to the divine amongst you. SAT is ready with one more of his
preaching.

Resolutions!!! What’s your resolution for this year? Come on, don’t be shy. SAT just wants to know your resolution;
the fact that you have never ever followed any of your earlier resolutions is not a concern of SAT. Is it to become
fairer and fairer (for girls) or is it to find a girl (for boys)? Is it to lose those extra pounds (for girls) or to find a girl
(for boys)? Is it to learn to cook (for girls) or is it to find a girl (for boys)? Hmm…pretty interesting promises you
make to yourselves. SAT knows that you are obsessed with resolutions, and hence SAT thought to share with you
the resolutions of some famous personalities. Enjoy.

The man with the blue turban: I will make one decision on my own.
The lady with the elephants: I shall erect one more monument for the people. Of course it will be mine.
The man with all the fodder: I want more.
The lady with the hand: I will learn to speak better Hindi.
The man with the saffron: I shall be PM.

Now that SAT has brought before you the resolutions of the national figures, it is natural enough to see what the resolutions of NISTians and the university is.

Student: I will attend all classes, at least try. PAUSE. Ha ha ha.
Faculty: I will miss some classes, at least try. PAUSE. Where’s my attendance register?
Mess Cook: I will…nah; no need for any PAUSE…the food will remain as it is.
BPUT: Maybe this time exams will be on time. PAUSE. Oh come on, who am I kidding.

It always fascinates SAT what’s so special about a new year that resolutions begin pouring in from all directions. Even if it is special, then why don’t you follow your resolutions? SAT won’t stop you from making promises to yourselves but would like that you don’t cheat yourselves. If you are making resolutions then commit yourselves to it. See how it goes and you will find your targets coming closer but if you find abiding by your resolutions hard enough then you always know how to break them. Don’t you?

Well then it’s time to bid good bye. Until next time keep making more resolutions and but of course breaking them.

<= SAT got a lot of appreciation for the last issue. Thank you all including Sudhanshu, Prashant and Pushpamati Jha. SAT would love to hear from you all so please email all your feedback aka “abuses” to kewal07@gmail.com>>

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From Mail Box

Date: Thu, September 1, 2011 11:42 pm
Subject: My First Few Days at UF, Gainesville
From: soumya debabrata pani <soumyadebabrata@gmail.com>
To: smudali@nist.edu

Hello sir!
I am Soumya. I was quite busy in making things up here. In the course of registration, move in and other such stuffs I didn’t found time to mail you. So I am quite sorry for that.

Now I am one of the University of Florida Gators (Students of UF). This time UF is 56th in World University ranking (ARWU). It’s been over 15 days and things are getting settled down. I have taken 3 courses algorithm, advanced data structure and database. The thing that I first noticed here is peace and silence. I am feeling better now than the first day though till now I am surviving on some frozen pizzas, ready to eat curries and rice. But the view and the standard of the university is so good. I feel like I am in the university I dreamt of. I have taken one project under professor Sanders and the project is a NASA funded project. But I am just getting started by reading some books and by refreshing some JAVA knowledge. As I had some IEEE papers in automata, the Prof. was quite interested in me. Yesterday Microsoft visited our campus. They told us how to prepare for the internship and probably had taken some interviews today. Microsoft, VMware, Google are some of the best recruiters here.

I still remember the first day when I started working for GRE and now I found out that the result is much more than my effort. It’s like living my own dream. Like you say only study can show you the beauty of the world. In NIST there is a good chance to do research and prepare for exams like GRE. Personally feel NIST can convert a boy into a stud. But student should have that energy and that optimism. I cannot reach out to my juniors but I will definitely request you to encourage my juniors to do something that will enable them to live their own dream. Just by getting a company and being satisfied, they will stop their growth. I feel at least 80% of the students of NIST have the capability to do something good. The requirement is just a pinch of encouragement. It is definitely there in NIST but if you intensify it then more people from our college will be in good universities. It is you whose eloquent words once motivated me. So I thank you a lot for that.

But still, I miss Ganesh puja, Independence Day and the Rallies of Anna Hazare. I’ll send you mails regarding my progress both in academic and research part. Thank you for your time.

Regards:
Soumya

Soumya Pani is an alumni who has joined University of Florida for MS.

Date: Wed, 14 Sep 2011 22:24:53 +0530
Subject: Good News for all NISTians
From: pranayrajkumar.3640@gmail.com
To: akpanda62@hotmail.com

Dear sir,

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National Institute of Science & Technology, Berhampur, 761008
Hope all are doing good in college, missing the college days a lot. Hope the Cadence course is going well with all new trainees performing well. Thank a lot to our college faculties and all staffs for their effort to make us a professional person in our field so that we are not facing any problem about the technical things in the abstract level also.

I am working hard to my best to put my knowledge into practical. A lot thanks to you for your motivation which helped me a lot that can not explain in words.

The good news is Broadcom acquired Net-logic completely two days back. So, there will be 3 NISTians from 2007 batch in Broadcom, a leader in communication, world wide, very soon.

Thanks & Regards,
Pranayraj Maharana, Broadcom India Research Pvt. Ltd., Bangalore, India.

Date: Wed, 26 Oct 2011 05:42:28 +0530
From: avinash.patnaik@tcs.com
To: akpanda62@hotmail.com; akpanda@nist.edu
CC: atanu2005dutta@gmail.com; nist_placement@hotmail.com;
Venerable Sir,

It’s been quite a hiatus that I have had interacted with you. Please do pardon for the same. Hope my mail finds you in the best of your health Sir. First of all, my hearty congratulations to the NIST family for the emphatic placement results once again. The Placement Dept. has yet again shown it’s might and the students have achieved the glory. Got to know from the Website about the awesome success of the DST Inspire Science Camp. Last time around too, I had witnessed this wonderful program being executed to perfection. All the credit to the NIST Faculties and Students who have made this event realized to perfection. Wishing NIST grows to new heights under your impeccable supervision.

Currently am in TCS Mumbai and working for Westpac Banking Corporation (Australia) as my Client. The work environment is very much to that of NIST Sir, special thanks to the culture inculcated to us from the very rudimentary stages. This month must have a very eventful one too, the grand SANKALP 2011 being staged up. This must has also many eminent personalities visiting to providing their valuable suggestions. We must also be doing excellently in the field of Technical proliferation under your esteemed supervision Sir.

Even after more than a year, the memories and your supportive words are as intact and fresh as they were in our early days Sir. Looking to my visit in and around December and seek your graceful blessings. Wishing the entire NIST family a prosperous Diwali.

Thanks and Regards,
Avinash Patnaik, Asst. Systems Engineer, Tata Consultancy Services

The Challenge

Mr. N. Serish, Faculty, Dept. of English

The two girls, one dressed in bright yellow and the other in violet salwar kameez, stood on the lawn outside the Galleria building despondently looking at the ground holding their brown NIST notebooks.

The girls who had just joined the Employment Oriented Programme (EOP) run at National Institute of Science and Technology wanted to quit the programme. “We are unable to follow anything. Everything is in English and we cannot follow the language,” the girls from villages near Gunupur said in halting Oriya. Asesh Kumar Tripathi, the co-ordinator for the EOP, patiently explained the benefits if they continue in the programme. “This is an opportunity for you. You have to use it, don’t lose heart. After a few days you will be able to follow everything. See, your handwriting is so good,” he told them like a patient parent.

The dilemma of these two girls is the dilemma of India, a country that aspires to be a superpower but is being dragged down by an inadequate and out of touch education system. In a recent survey conducted by Programme for International Student Assessment (PISA), 15-year-old Indian students ranked just above Kyrgyzstan in terms of reading, math and science abilities, in a worldwide test involving 73 countries. This dismal state of affairs is unlikely to change unless more resources, not just money wise but with ideas, are poured into the education system. Consider the challenge, by 2020 India’s labour pool will have 100 million workers and according to Minister for HRD Kapil Sibal India has to build 1000 universities and 50,000 colleges to be prepared for this generation that is waiting for its chance in the sun.

This challenge is not just about building classrooms and developing infrastructure, but also creating syllabus that meets the requirements of the industry and prepares the students for life and work. It would require a rethink in terms of not just what is being taught but how it is being taught. It would mean re-engineering the way knowledge is assessed. It would mean creating a new paradigm for teaching English communication skills. It would mean preparing for a time when children who have studied for 10 years will not be found wanting and will not have tears in their eyes when confronted with the learning opportunities in a classroom.
In Memoriam

✓ Surjyo N. Behera
Emeritus Prof., NIST