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nist *e* news

A monthly news bulletin

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Cover Page
Subhankar Goswami



FROM THE DIRECTOR'S DESK

The heat and dust of the elections might have settled down by the time you are reading this. The greatest democracy of the world goes into a self-search mode once in five years throwing up a vast array of options and non-options. For most people, probably, this was the most inane election in a long time – the real issues of hunger, poverty, illiteracy, child mortality, health care, rising costs, digital divide, cost of education, etc., were given the customary obeisance while the focus remained on trivialities (gudiya/budiya), personalities (Varun Gandhi/Sanjay Dutt) and non-issues (Rs.2/Rs.1/BPL rice). However, for the first time, courtesy *Muntazer al-Zaid of Iraq*, voters succeeded in drawing immediate attention via the throwing of shoes, sandals, foodpackets, etc., at the leaders so much so that a net in front of the leaders seems to be a statutory protection :-}



The students of our Institute have performed satisfactorily in the just published odd semester results. However, I must express my dissatisfaction at the number of students getting SGPA > 9.0. This is a real test of a blue-chip institution. We want to celebrate our academic success by topping the University charts. I wish all the best to our students for the even semester examinations with a clear message to the top rankers – **get SGPA >9.0**.

As usual, the Institute is offering a variety of employment oriented Summer Courses. These courses have been carefully designed to fulfill the needs of the industry and to provide a cutting edge to our students from the placement point of view. Time and again, companies are simply amazed at the number of Oracle/Java/CCNA certifications we have produced and also the high level of training given in courses in the areas of VLSI/Embedded Systems/Software Engineering/Electrical Systems/High-End Instrumentation, etc. For the first time, a course on SAP has been offered primarily for the management students and engineering students planning a career in ERP. These courses will be taught by the finest of our faculty using the best of infrastructure who are themselves trained and certified by the Industry. I urge all students to enroll in the summer courses in large numbers.

With Best Wishes

15 April 2009

Sangram Mudali

FROM THE EDITORS' DESK

With the pot boiling with the University Exams ahead, it is now the time to show the best, prove our stance and set an example. Wrapping up with the semesters, meticulously winding off the lab and other assignments, getting prepared for the 'final B. Tech. project presentations', collecting supplied hand-outs and other supplementary materials - the 'exam fever' is pertinently visible in the campus. With the fast approaching summer vacation, and students getting ready for the varied summer courses offered by the Institute, the season next is all set for fresh information, fresh ideas and fresh semesters.

NIST e_news wishes 'All the very Best' to the students for their semester exams and wish they come up with flying colours.

The graduating batch of 2009 will be soon bidding farewell to their alma mater and venturing into the world of responsibilities, hopes and promises – the world of professionals.

On behalf of NIST E-news we wish them a great future ahead.

Amrut Phalguni Mohanty
Dipti Ranjan Lenka



GATE QUALIFIED STUDENTS

The following students cleared the GATE-2009:

Name of the Student	Roll No	Branch	Percentile
Navnidhi Kumar Upadhyay	200620344	ECE	91.97
Suruchi Kumari	200670013	ECE	96
Niladri Bihari Nayak	200626388	ECE	86
Debashish Sahu	200610065	ELE	96
Rana Ashraful Abrar	200510390	ECE	95.6

Congratulations! NIST wishes all of you a great future ahead!

'JIGYASA, SEASON – II'

The 2nd season of the Bi-Annual General Quiz Contest, '**JIGYASA**', an initiation by QUIZZARDS, the quiz community of ISTE Students' Chapter, NIST, was organized on 13th March 2009 which registered a record participation of 340 contestants from all batches and courses of the college. Last edition winner, the team of Mr. Subhrajeet Chand & Mr. Sanjeet Dash (B. Tech, final yr) continued their good show this time also winning the 1st prize. The 1st runner-up team was of Mr. Bipada B. Behera & Mr. Prasant B. (B. Tech, 1st yr) and the 2nd runner-ups were Ms. Stuti Pandey (B. Tech, 2nd yr) & Mr. Naquib Akhtar (B. Tech, 1st yr). The total prize money was Rs 2500. The event, with Mr. Jagannath Mohanty as the quiz master, had the esteemed presence of Dean, Dr. A. K. Panda, B. Tech., Course Coordinator Dr. A. K. Padhy and many quiz enthusiast faculty members.

'QUIZZARDS' AT TATA CRUCIBLE BUSINESS QUIZ CONTEST

Mr. Dheeraj Kumar Bhatt and **Mr. Rohit Mohanty**, B. Tech., 6th Semester students participated in the **Tata Crucible Business Quiz Contest** held at Crown Plaza, Bhubaneswar on 3rd March 2009. About 125 teams from all across the state of Orissa and West Bengal participated in the event. NIST, Berhampur along with IIT-KGP, KIIT-BBSR, and XIMB-BBSR emerged as the final six teams on stage. The students won prizes worth Rs. 11000/- which includes DVD players, pen drives and sun glasses. The two students are core members of 'NIST Quizzards' working under the banner of ISTE Students' Chapter.

2ND PRIZE IN ON-LINE TECHNICAL QUIZ

Mr. Ashish Kumar Ram, B. Tech., 2nd year student participated in the **On-line Technical Quiz Competition** conducted by IIT-Roorkee and won the 2nd Prize, a Certificate of Merit along with a Cash Award of Rs. 3000/- (Rupees three thousand). The quiz had four rounds with questions from different technical fields like, computer and web security, programming in C++, mathematics and physics.

Linux Workshop

The students of NIST organized a one day **Linux Workshop** on 28th March 2009. Around 60 students from all the semesters and branches participated in the workshop. It was an introduction to Linux installation and its user management.



NEWS DESK

Mr. Pratyush Mishra

B. Tech., 4th Sem., Team e_news

Elections are ‘the Hottest thing’ on the menu for news readers this month. While leaders like Varun Gandhi (of the Nehru-Gandhi clan) hit the headlines for all the wrong reasons-the communal speeches used as an attraction for winning over people’s hearts, the very next moment he hit the jail for the obvious same reason. At a national level, BJP was successful to bring out all its intra-party conflicts out in the open to the public, while Congress played safe with no Public Display of Affairs (P.D.A). The party rift was clearly visible with Arun Jaitley skipping important party meetings. On the other hand CPM patriarch Jyoti Basu hinted at being a part of the third front (formed by Mayawati) if the elections proved favorable. In the state, the drama continued between BJD and BJP. BJD chief Naveen Pattnaik’s sudden decision to break the 11 year old alliance just ahead of the elections not only came as a shock but also left both the parties shortage of candidates for the elections in the state scheduled to be on the 16th and 23rd of the month. This however became a major item in every political party’s speech agenda in their very own perspective. Kandhamal voters got security cover for the elections. These elections also provided a platform for actors to join the mainstream of politics. Another surprise in the elections was the coalition of Lalu’s RJD and LJP along with the Samajwadi party. Politicians like Amar Singh continued to attract the attention of the public with statements pertaining to leaving the party and in the very next moment making a complete u-turn on the statements. Congress was however completely left on its own in Bihar. The G-20 summit was held and India hoped to increase the shareholding in multilateral funding agency from 2 to about 4 percent by 2011. Moving away from politics, Raju bros got a life term and the IT sector continued its turbulent journey. Infiltration at the border continued with Lashkar as the master mind of the attacks at J&K. Across the border, the SWAT valley ceasefire between Taliban and the U.S troops was a major military success. Inflation has hit an all time low but price of food showed no signs of recession. The Sensex continued its flip-flop journey with stakes rising and falling frequently. Maoists however kept up the unrest and went on a rampage at Malkangiri and the Similipal forests to the extent of beating up of tourist’s and damaging government offices and vehicles. The IPL finally shifted out of India and got a total new definition-”INDIAN PHOREN LEAGUE” (as mentioned by the Times of India). The cash-rich tournament is scheduled to be held at South Africa starting this month. The reasons for the move are said to be lack of adequate security arrangements. India ended its drought of a test series victory on the kiwi soil with the ‘turbanator’ producing magic spells. The ODI series was marked by a series of huge pile of runs and effective chases also with India finally bagging the series. Saina Nehwal gained the no.8 ranking on the international charts. The winners of English premier league were finally Liverpool who cut down MANCHESTER UNITED’s hopes of scoring a perfect 5 in the club championships. And Researchers finally found out the exact time for love at first sight.it requires 8.2 seconds of constant gaze!!!!!!

NMS AT ‘ASPIRATION-2020’, Infosys

PHOENIX, the NIST Musical Band had been to Infosys, Bhubaneswar to exhibit their musical talent. On the occasion of a Campus Connect Program of Infosys named ‘Aspirations-2020’, an event, ‘Percussions’ was hosted by the home band of Infosys on 23rd March this year. Their prodigious performance rose Infosys to their feet. Phoenix performed three songs, ‘Hotel California by Eagles’, ‘Run to you by Bryan Adams’ and ‘Baby by Phoenix’. The band had Anunaya Mund on vocals, Pranab Kishore Padhy and Purusotam D. on guitar, Subhankar Goswami on bass guitar, Jagannath Satpathy on keyboard and Priyashraba Mishra on drumset. Mr. Vinay Kumar Das, Coordinator, NIST Student Activity Centre, Mr. Ranjit Behera and Mr. Debananda Kanhar, Faculty, Dept. of Computer Science and Engineering, accompanied the team. Several musical bands from eastern India had come to showcase their talents and team Phoenix stood distinguished among all.



FELICITATION TO THE 'TEN YEARERS'

NIST felicitates the Faculty and Staff on completion of 10 years of their dedicated, devotional and committed service towards the growth and development of the institution every year. And this year on 2nd April 2009, in a formal gathering Prof. Sangram Mudali, Director, NIST felicitated the following members with a certificate of appreciation, a gift along with a cheque amount of Rs. 1,500/- (one thousand and five hundred rupees) each as a token of appreciation.

Sl. No.	Name	Designation	Date of Joining
1	M. Suresh	Faculty	18 th May 1998
2	Pradeep Kumar Jena	Faculty	17 th Feb.'98
3	Bhabani Sankar Rout	Hardware Eng.	20 th Feb.'98
4	Bibeka Nanda Biswal	Accountant	15 th Sep.'98
5	Subas Padhy	Asst. Librarian	1 st Feb.'98
6	Sanjeet Mohanty	Caretaker	31 st Jan.'98
7	Yudhistir Sahu	Driver	11 th Sep.'98
Sl. No.	Name	Designation	Date of Joining
8	Bhaskar Behera	Guard	6 th Feb.'98
9	Ch. Tattaya	Guard	1 st Jan.'98
10	Ramesh Ch. Parija	Guard	6 th Sep.'98
11	Udaya Nath Sethy	Guard	5 th Oct.'98
12	Ganesh Mohapatra	Guard	1 st Jan.'98
13	Samir Ku. Behera	Gardener	26 th Sep.'98
14	Basudev Padhy	Peon	1 st Feb.'98
15	Surendra Parija	Supervisor (Const.)	2 nd Jan.'98
16	Prafulla Naik	Sweeper	2 nd Jan.'98
17	Ch. Kaliyama	Sweeper	1 st Sep.'98

Congratulations and all the best for the years to come!





STUDENT vs. FACULTY/STAFF CRICKET COMBAT

However hectic may life become but it's always like "Work while you work and play while you play". So how can NIST family fall behind the lines? The faculty and students had met for the basketball fight during Waves. This time it was the turn of cricket. On 22nd March, Rest of NIST team led by the B. Tech Course Coordinator, **Dr. Arun Ku. Padhy** fought against the final year team captained by **Mr. Chittaranjan Satapathy**. Winning the toss on the grounds of Berhampur Stadium, the final year team decided to bat first. Dr. Padhy gave the first break through in the form of the pinch hitter of NIST Final year, the skipper Chittaranjan. With two early wickets down, the final year team managed to get 117 on board losing all their wickets in 16 overs owing to some good bowling by Mr. Vinay Ku. Das and Dr. B. Pawan Kumar. Now it was the turn of the Rest of NIST to prove their mettle. The fast bowlers of the Final Year team did a great job on-field giving no chance to the Rest of NIST team to get near the winning score. The batting team struggled hard and managed to get to a total of 98 for the loss of six wickets after the completion of 16 overs.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED

- **Mr. Shom Prasad Das**, Course Coordinator, MBA & PGDM and **Mr. Bhawani Shankar Pattnaik**, Director, NTCS attended a 'SAP Faculty Workshop on Business Process Integration – I' from 2nd – 6th March 2009 at Pune. The workshop was organized by SAP Asia Pacific Japan. In the workshop different functional modules of SAP like, Finance (FI Module), Marketing (Sales & Distribution), Material Management etc. were covered. The workshop was attended by professors from different top notch Institutes/Universities of India like Symbiosis University, Indian Institute of Management-Kozikode, Indian Institute of Technology-Kanpur, SRM University, Apeejay University etc. NIST has entered into the MoU with SAP to conduct SAP training program at NIST Campus for its students (MBA, PGDM, B. Tech., M. Tech. & MCA) as SAP University Alliances Partner.

- **Mr. Trupti Ranjan Lenka**, Faculty, Dept. of Electronics and Communication Engineering, attended a 2-day Training Program on 'Integrated Circuit Characterization and Analysis Program (ICCAP)' conducted by **Agilent Technologies**, Hyderabad at School of Physics, Central University of Hyderabad on 2nd and 3rd March 2009. In this training the exposure of **Modeling of microelectronics devices and IC-CAP Fundamentals** were discussed and demonstrated by **Cindy Cui**, Application Engineer, EES of EDA, Agilent Technologies, Beijing, China and **Tim WU**, Asia Pacific Professional Services Manager, EES of EDA, Beijing, China. ICCAP is a very high end & powerful EDA software with its interfacing hardwares setup are rarely available in any reputed Institutes, and NIST is trying to have this software in the near future for R&D purpose.

- **Mr. Ratnakar Mishra** and **Mr. Suresh Chandra Pattnaik**, Faculty, Management Studies, attended an AICTE sponsored Faculty Development Program on "Human Resource Planning and Development"



organized by Srusti Academy of Management, Bhubaneswar from 3rd - 16th March 2009. Eminent speakers like C. K. Poddar, ED, NINL, Orissa and Swami Dharmanand, Divine Life Society, were present in the Program. The FDP was inaugurated by Registrar, BPUT in the presence of Mr. G. D. Mishra, Director, Srusti Academy of Management.

- **Mr. Bhawani Shankar Gouda**, Faculty, Dept. of Computer Science and Engineering and **Mr. Satyaban Panigrahi**, Faculty, Dept. of Mathematics, along with **Mr. Santosh Kumar Gupta**, **Mr. Ravi Kumar Gupta**, **Mr. Shubhranshu Shekhar**, **Mr. Vallary Singh**, B. Tech. students and **Mr. Koushika Rout**, MCA student, attended a National Workshop on ‘**Mathematical Aspects of Computer Science**’ organized by School of Mathematics, Statistics and Computer Science, Sambalpur University on 14th and 15th March 2009.

- **Mr. Mihir Hota** and **Dr. Sukanta Kumar Tripathy**, Faculty, Dept. of Physics attended a Short Term Course on “**Fiber Optics System & Applications**” at National Institute of Technical Teachers Training & Research, Chandigarh, from 16th – 20th March 2009. Among the resource persons were Dr. J. K. Chhabra, Scientist; Dr. N. S. Aulakh, Scientist; Dr. S. C. Jain, Dy. Director CSIO, Chandigarh; Dr. B. C. Choudhury, NITTTTR, Chandigarh; and Dr. Sandeep K. Arya, GJUS & T, Hissar. The resource persons mostly focused on the areas like, Fiber System Dense Wavelength Division Multiplexing, Optical fiber joints, Non-linearities and their mitigation in optical communication systems and network, Optical amplifiers, Optical sources and detectors, Transmission characteristics of optical fibers etc. Around 20 participants from different parts of the country participated in the said program.



- **Mr. Anisur Rehman** and **Mr. Rabindra Kumar Shial**, Faculty, Dept. of Computer Science Engineering participated in the 3rd Hackers Workshop on Computer and Internet Security, ‘**Hack.in – 2009**’ organized by Prabhu Goel Research Centre for Computer and Internet Security at IIT Kanpur from 17th – 19th March 2009.

- **Ms. Tripti Mund**, **Mr. Minakshi Prasad Mishra** and **Ms. Tissen Thomas**, Faculty, Dept. of English attended the ‘**Infosys Soft Skills Train the Trainer Workshop**’ at Infosys Bhubaneswar from 25th – 27th March 2009. “Infosys Soft Skills Train-The- Trainers Workshop” at Infosys Bhubaneswar DC, from 25th – 27th March 2009. Ms. Sindhuja from Infosys Leadership Institute Bangalore DC and Sumeet Chakraborty Bhubaneswar DC conducted the workshop. There were around 29 participants from various Engineering colleges in Orissa and West Bengal. The TTT mainly focussed on the changes in the DA guide in the rollout template. Our faculty could exchange their experience and problems faced in the deployment with all the participants. The sessions were interactive and thought provoking. Participants also enjoyed sightseeing of Khandagiri and Udayagiri caves and Dhableswar Temple where one of the outdoor sessions was conducted. Our faculty also had an opportunity to interact with Infosys Alliance partners like Amit from Gradient, Bhubaneswar and Rajesh from Corporate Gurukul, Singapore.



- **Mr. Anisur Rehman**, Faculty, Dept. of Computer Science & Engineering and **Mr. M. Suresh**, Faculty, Electronics and Communication Engineering participated in the ‘**Insight 09**’, an Industry Academia Collaboration Program on Teaching Methodology held at Infosys, DC, BBSR on 30th & 31st March 2009.



- **Mr. G. Prasad**, Faculty, Dept. of Electrical and Electronics Engineering, attended an AICTE sponsored 3-Day National Workshop on ‘**Recent Advances in Control of Power Electronic Devices (RACPED – 2009)**’ organized by the Department of Electrical Engineering, AU College of Engineering (Autonomous), Visakhapatnam, from 29th – 31st January 2009.



SPORTSCAST

Sachin and Adityanshu, B. Tech., 6th Sem.

Hello readers of nist e_news. It's really strange how the domain infringement of two phenomena, one genuinely entertaining and the other brazenly terrifying, can lead to a collage of unexpected consequences. The whole world watched as the cricketing fraternity stood shuddered at the devastating terror attack on the Sri Lankan cricket team near Gaddafi stadium in Pakistan.

Not in their wildest of dreams would the Sri Lankan players have thought they would be facing a sickly motivated mob with a rhyme to cause bloody mayhem outside a historic stadium. The 30 minutes of relentless terror on the team buses left a number of Sri Lankan cricketers seriously injured with their life at stake. Kumar Sangakkara, Ajantha Mendis and Kumar Samaraweera were among the seven players seriously injured. In the after math of the attacks, the venue of the Champions Trophy has been shifted from Pakistan and has also raised a fear mingled uncertainty over the future of the cricket World Cup to be held in the Indian sub continent. The cash rich, high profile IPL has also been shifted to South Africa amidst a lot of political brouhaha and disquiet among the Indian media.

Real cricketing action actually came from the Caribbean where the Windies achieved a remarkable series victory over the English aided by the brilliance of Ramnaresh Sarwan with the bat and tempo of young pacer Fidel Edwards. Meanwhile India registered their first series victory over New Zealand at the latter's ensconce. India thrashed the black caps 3-1 at their own home. Sachin Tendulkar, Virender Sehwag, and Gautam Gambhir fired for the away team consistently as India did little work of the New Zealand players who didn't had the answer to the Indian guns in any of the three departments.

In soccer, English clubs confirmed why they are the best in Europe. For yet another season the UEFA champions' league features four English clubs in the last eight. Liverpool beat Real Madrid 4-0 at Anfield on a night when there was little to choose between Liverpool and perfection with skipper Steven Gerrard getting a brace in his 100th European appearance. Man U beat Inter Milan 2-0 in a close fought contest. Chelsea drew with Juventus 2-2 to send the Turin giants out of the competition. Arsenal had to wait for penalty shoot-out to beat AS Roma. In the quarter finals, Arsenal have to face Spanish side Villarreal, Man U face Porto, Barcelona face German champions Bayern Munich. And for the fourth time in five seasons Liverpool and Chelsea face each other in the competition. Meanwhile, in the premier League Liverpool breathed new life in the title race with back to back victories against Manchester United (4-1) and Aston Villa (5-0) to move to the second place only a point adrift of leaders Man U. United lost to Fulham at Craven Cottage (2-0) to help Liverpool bridge the gap.

In tennis, Rafael Nadal broke his final jinx against British youngster Andy Murray to clinch the Indian Wells open in a final which was lop-sided to say the least. Rafa did little work of Murray to claim the match 6-2 6-1.

In F1, newly formed team **Brawn**, claimed their first victory in their first ever F1 race. Youngster Jenson Button finished atop and Rubens Barichello finished second.

The next month promises a lot of sporting drama. For any queries or further information, please do contact us at panda.sachin101@gmail.com or anshu.aditya@gmail.com



PAPERS PUBLISHED

- **Dr. Sidhartha Panda**, Faculty, Dept. of Electrical and Electronics Engineering and R.N. Patel published a paper, “*Optimal Location of Shunt FACTS Devices in Long Transmission Lines to Improve Transient Stability*”, in the **International Journal of Electrical Engineering Education**, Vol. 46, Issue 2, pp. 150-163, 2009.
- **Dr. Sidhartha Panda**, Faculty, Dept. of Electrical and Electronics Engineering, J. S. Yadav, N. P. Patidar and C. Ardil published a paper, “*Evolutionary Techniques for Model Order Reduction of Large Scale Linear Systems*” in the **International Journal of Applied Science, Engineering and Technology**, Vol. 5, No. 1, pp. 22-28, 2009.
- **Dr. Gayadhar Panda, Dr. Sidhartha Panda**, Faculty, Dept. of Electrical and Electronics Engineering and C. Ardil published a paper, “*Hybrid Neuro Fuzzy Approach for Automatic Generation Control of Two–Area Interconnected Power System*” in the **International Journal of Computational Intelligence**, Vol. 5, No. 1, pp. 80-84, 2009.
- **Mr. Trupti Ranjan Lenka**, Faculty and **Dr. Ajit Kumar Panda**, Dean, Dept. of Electronics and Communication Engineering published a paper, “*Characteristics Study of GaAs Based Pseudomorphic HEMT*” in the **GITAM Journal of Information Communication Technology**, Vol. 2, No. 1, ISSN 0974-4622, January-July 2009.
- **Mr. M. Suresh**, Course Coordinator, M. Tech Program, **Dr. Ajit Kumar Panda**, Dean, **Mr. Mukesh Sukla**, Faculty, Dept. of Electronics and Communication Engineering, along with **Ms. Jayasri Acharya**, and **Ms. Lusita Sahu**, B. Tech., Final year students, ECE branch, published a paper, “*Power Analysis and Simulation of Low Power Gated-Clock Design of LFSR using 250nm Technology*”, in the **International Journal of Computational Intelligence Research and Applications**, Vol. 3, No. 1, January – June 2009, pp. 157-161.

PAPERS ACCEPTED FOR PUBLICATION IN INTERNATIONAL JOURNALS:

- **Dr. Sidhartha Panda**, Faculty, Dept. of Electrical and Electronics Engineering, got his paper, “*Multi-Objective Non-Dominated Shorting Genetic Algorithm-II for Excitation and TCSC-Based Controller Design*”, accepted for publication in Journal of Electrical Engineering.

INVITED TALKS:

- **Dr. Sidhartha Panda**, Faculty, Dept. of Electrical and Electronics Engineering, delivered two talks on “*Flexible AC Transmission Systems (FACTS) Controllers for Power System Stability Improvement*”, and “*Modelling and Simulation of Power System with FACTS Controller for Stability Studies*”, in a 2-day Workshop on ‘**Power System Dynamic Stability and Control - PSDSC-09**’ held at Andhra University on 13th and 14th March 2009.
- **Dr. E. Raja Rao**, Faculty, Dept. of English, delivered a talk on “*Human Rights in Canada and the Twentieth Century Canadian Fiction: A Study from the Perspective of the Constitutional Communitarianism*” as a key-note address in the National Seminar on ‘**Human Rights and Multiculturalism in Canada and India**’, held at Berhampur University on the 17th and 18th March 2009, under the joint collaboration of the CCSBU (Centre for Canadian Studies, Berhampur University) and the SICI (Shastri Indo-Canadian Institute), New Delhi.



NIST WELCOMES

NIST welcomes the following members to its parivaar:

Mr. Pradyumna Kumar Patra joined as Faculty in the Dept. of Electronics and Communication Engineering. He has done his B. Sc in Physics (Hons.) from Utkal University and his M. Sc in Electronics from Berhampur University. Mr. Patra is currently pursuing his Ph. D in the area of *“Design and Development of Wide Band High Gain Planar and Meta Material Antenna for Space and Medical Application”* from Punjab Technical University, Jalandhar. He has more than 28 Research Articles published in various International and National Journals and Conferences. He has around three and half years of teaching experience to his credit. Mr. Patra takes his research interest in the field of Antenna, Microwave Systems, Metamaterial, Micro Electro Mechanical Systems, Artificial Neural Network and Particle Swarm Optimization.



Mr. Kallola Kumar Patanaik joined as Training and Placement Officer, NIST Business School. Mr. Patanaik has completed his Bachelors in English from Govt. Science College, Phulbani and his Masters in English with American Literature as Specialization from Berhampur University. He has five years of teaching and industry experience to his credit. Mr. Patanaik has worked with Wipro-BPO as a Customer Care Executive, as a Lecturer in English, CIITM, and as the Training & Placement Officer at ICFAI National College.



Dr. Satya Sopan Mahato joined as Faculty in the Dept. of Electronics and Communication Engineering. He has done his Bachelors and Masters in Science from University of Calcutta and his Ph.D. from Jadavpur University. He has published more than 35 papers in various International Journals and Conferences. His Research area is Silicon Hetero structure devices like Strained-Silicon MOSFETs, SiGe MOSFETs etc. Currently he is working on Solar Cells.



PAPERS PRESENTED

- **Dr. Motahar Reza**, and **Mr. Satyaban Panigrahi**, Faculty, Dept. of Mathematics participated in the ‘**National Seminar on Recent Advances in Fluid Dynamics & Applications**’ organized by Department of Mathematics, Utkal University on 7th March 2009. Mr. Panigrahi presented a paper, *“Shear flow of a power-law fluid along a flat plate with uniform suction and blowing”* co-authored by Dr. Motahar Reza.
- **Mr. Bhaskar Bandyopadhyay**, Faculty, Dept. of Management Studies, attended a program on ‘**Strategic Management: Research and Case Writing**’ at IIM, Bangalore from 9th – 13th March 2009. He worked on his Ph.D. topic *“Strategic Marketing of Agrochemicals”* with his mentor at IIM, Bangalore and presented the same in the said program. The course was directed jointly by Prof. J. Ramachandran, Prof. Rishikesh T. Krishnan, and Prof. R. Srinivasan.
- **Dr. Smeeta Panda**, Faculty, Dept. of Environmental Sciences, attended and presented a paper on *“Risk Assessment of Carbofuran in Paddy Field Agroecosystem using Earthworm as Bioindicator”* in



an International Conference, '**Enviro-Energy 2009**', organized by NIT, Kurukshetra, in collaboration with a host of NITs and Dept. of Water Resources, Govt. of India, at Taj, Chandigarh from 19th – 21st March 2009. Over 300 delegates from 25 countries participated in the Conference. The Conference was aimed at addressing the challenges in emerging areas of Energy and Environment to achieve sustainable development by providing a global forum to academicians, technologists, entrepreneurs and policy makers for exchanging of concepts and emerging technologies in the field of energy and environment.



- **Dr. Arun Kumar Padhy**, Course Coordinator, B. Tech., attended a UGC sponsored Seminar on '**Recent Trends in Chemical Sciences**' and presented a paper on "**Application of Nuclear Magnetic Resonance Spectroscopy (NMR)**" held at Gunupur College, Gunupur on 25th and 26th March 2009.
- The following students presented a paper on the topic, "**Night Vision Technology**" in **CENACLE '09** held at **GITAM University, Visakhapatnam** on 13th and 14th of March '09 and stood **1st** and got a prize money of Rs 1000/-. As the name suggests it is a technology of viewing objects during the night. The techniques used in this are "Thermal Imaging"& "Image Enhancement". These devices are used in military for viewing enemy targets, surveillance, law enforcement and security purposes etc.

Name of the Student	Roll No	Branch	Semester
Ms. P. Nagakanti	200650349	ECE	6 th
Ms. R. S. Varuna	200650355	ECE	6 th
Mr. K. Jagan Mohan	200626327	ECE	6 th

- **Mr. Pramath Nath Acharya**, Faculty, Dept. of Management Studies, presented a paper, "**Corporate Disclosure**" in the **41st Annual Conference of Orissa Commerce Association** held at Govt. College, Angul on 24th and 25th February 2009. Around 200 members of the association from different colleges of the state attended the conference.

'IIT Madras Summer Fellowship Program 2009'

Mr. Saurabh, B. Tech, 6th Sem, bearing Roll No. 200620062, have been selected for the prestigious '**IIT Madras Summer Fellowship Program 2009**' in the Dept. of Physics based on his credentials for a period of 60days from 16th May – 15th July 2009. He will be receiving a stipend amount of Rs. 6,500/- (Rupees six thousand and five hundred) for the entire period of two months. The programme is designed to enhance awareness and interest in high quality academic research among young Engineering, Management, Sciences and Humanities students through a goal oriented summer mini-project to be undertaken in different departments of this Institute.

(Candidates pursuing III year of B.E/B.Tech/B.Sc. (Engg.)/Integrated M.E./M.Tech. programme and first year of M.Sc./M.A./MBA with outstanding academic background in terms of high ranks (within three ranks) in University examinations, papers presented at seminars, projects executed, design contests participated, score/rank in Mathematics Olympiad and any other awards/distinctions obtained, are encouraged to apply.)



CHANGE- it's TIME TO GET THE ANSWERS

Part 5

Mr. Kedar Mukherjee, B. Tech., 8th Sem.

WHYs' seem to occupy most of the space in each of our mindsets. These questions or 'WHYs' make some people in our history feel uncomfortable. Even today most of these questions when asked, end up in slapping charges against you in form of violations of RIGHT TO FREEDOM OF SPEECH, EXPRESSION and other absurd concepts whose specific limitations no one is really aware of. These SO CALLED NATIONAL HUMAN RIGHTS COMMISSION or MINORITY COMMISSION actually act as a tool which is either used to settle political scores as BEHENJI (Miss Mayawati) did by mindlessly invoking NSA against Varun Gandhi, who got catapulted instantly from recognition to fame for a HATE SPEECH which he denies of (Would a LOVE SPEECH by Varun made us to realize that there are many more Gandhi's? We really LOVE to HATE and HATE to LOVE) or simply hide tainted facts of history which otherwise would tarnish many of our ICONIC personalities wrapped in designer wears ranging from KHADIS to JAWAHAR COATS. Some of these NOT ALLOWED TO ASK questions are:



Q: Whether Qaid-e-Azam M.A.JINNAH was the sole person responsible for Partition of BRITISH INDIA and one of the deadliest carnage in human history that followed killing about an estimated half a million people besides many other inhuman acts against women and children? Doesn't the POST INDEPENDENCE INDIANIZED version of history hide many of the vices of our then to be POWER HUNGRY leaders?



Q: What happened to Subhash Chandra Bose? How did he disappear? (After all how can one disappear all of a sudden? Everyone knows he wasn't heading for BERMUDA TRIANGLE.) Why aren't any investigation report regarding his death labeled as satisfactory? Was he really spotted in Siberian jails in the early seventies? (If so, who's that historical culprit who reaped the benefits of his PSEUDO DEATH?)

Q: What were the ground reasons of imposing EMERGENCY by Mrs. Indira Gandhi? On what pretext can this sabotage of democracy and basic human rights be justified?

Q: Why no steps are being taken for implementation of UNIFORM CIVIL CODE throughout the country? (By not doing so isn't the phrase EQUALITY BEFORE LAW a blatant lie?)

Q: If Shimla agreement and Lahore declarations are openly violated by Pakistan then till date why no thought is being paid to the matter of gaining back the control of Pakistan Occupied Kashmir and then conduct a plebiscite as promised.

And the final one is for us:

Q: When will we stop surviving in RELIGIOUS GHETTOES and live together HAPPILY EVER AFTER? (LET'S BE THE CHANGE AND SURELY SOME DAY THIS FAIRY TALE ENDING WOULD BE OUR NEW BEGINNING....AMEN)



(Your views on CHANGE are welcome at mukherjeekedar@yahoo.co.in)



THURSDAY LECTURE SEMINAR SERIES

Date: March 5, 2009

Speakers

Ms. Sukanti Pal
Mr. Mittu Baral
Dr. A. K. Panda

Title

Mat-lab and Engineering Application
Analog IC Design
Partr-1: Issues and Challenges to the Faculties of NIST
Partr-2: Issues and Challenges for R & D of NIST

Date: March 19, 2009

Speakers

Dr. G. Panda
Mr. Azad
Mr. Chandan Jha
Mr. Ratnakar
& Mr. Suresh Patnaik
Mr. B. P. Patnaik

Title

Some Aspect of Research Scheme -AICTE
Wireless electrical Switching
VLSI signal processing
Human Resource Planning and Development
India at Oscars

Date: April 02, 2009

Speakers

Prof. Sangram Mudali

Title

Technical Education: A Global Comparison'

Date: April 09, 2009

Speakers

Mr. Mihir Hota
& Dr. S. Tripathy
Mr. Bhagaban Swain
& Arkaprava B. Mandal
Jaganath Mohanty

Title

Fiber Optics and Its Application
Forecasting Models using Computational Intelligence Techniques
Impact of Organisational Behaviour On Organisational Citizenship
Behaviour: A comparative Study
What is it like to live in a Diaspora?

Prof. Dr. E. Raja Rao

BIRTHDAY BASH

Mr. Tapas Ranjan Jena	24-Apr
Ms. Geetika Mudali	2-May
Mr. Santanu Mukherjee	5-May
Ms. Swetapadma Behera	6-May
Ms. M. Aparna	9-May
Ms. Charulata Palai	14-May
Mr. Pradeep Jena	15-May
Mr. Amrut P. Mohanty	15-May

MARRIAGE ANNIVERSARY

Mr. Sidharth B. Neelamani	26-Apr
Mr. Ajay Rath & Ms. Sasmita Padhy	30-Apr
Mr. R. K. Shial	5-May
Mr. Asesh Tripathy	7-May
Mr. Niranjana Sahu	7-May
Mr. Nihar R.Sahu &	
Ms. Sumitra Ojha	8-May
Mr. Bimal K. Samantaray	8-May

Many Many Returns of The Day!!



TO ANOTHER HALLAM

Dr. E. Raja Rao
Faculty, Dept. of English

Another Hallam, a spark of Light
A crop of locks in the firmament
Created from the viscous
Substance of learning and wisdom
Anything is welcome
An undefeated artist himself
Judgment he gives not
On the lines drawn by
Pens, brushes and *mudras*
His dancing fingers
Wedded to words
With many a caressing touch.

Another Hallam, a beacon Light
Biyotkesh, they spelt his name
On many lands he fought
With pigtailed after pigtailed
Founded the monastery on his land
Of the language of the sahibs'

Forging many a disciple
On the smithy of real and fantasy
Anointing them as the scions
Of the family of letters
They shined everywhere
To the utter oblivion of the Master.

Another Hallam, the Light of the Light
Followed the mortals with alacrity
Shook his hands with the feeble second
More powerful, more graceful
Than the panoply of art
He carved on the canvas of life
A great soul full of cares
More impersonal than personal
A caring soul indeed an icon
Sweeping the pain on the Earth
He won't be a star in the luminary sky
But a concrete pebble on the eroding earth.

SPIRIT

Mr. Anup Kumar Padhi
B. Tech., 6th Sem.

Aren't you afraid, Great Mountains?
Though you have your great heights;
There is my heart, filled with desires,
Ready to tame you, challenging your greatness ||

Listen to me the Passing Winds,
Though you possess umpteen statures,
Be careful of my lightning thoughts,
Spreading even faster, they turn you into caricature ||

Don't be proud, the Scorching Sun,
Though you convert an ocean to dry;
There is my soul, a cloud in the sky,
Protecting with shades, roaming in the high ||

You won't sustain, the Burning Fire,
Though you smash all, with your ire;
Beware of my heart, with the strength of a storm,
You will vanish, forget your desire ||

Do not be proud, the Never-Ending Sea,
Though you are the greatest thing on the earth;
Here comes my force to seize your rule,
Vaster than your bed, deeper than your depth ||

Oh Great Universe, don't you bother,
Though you have an un-defining character;
Greater are My Spirits, My Heart's Vigor,
Rising with passing days, greater and greater! ||



WINNING IN THE DOWNTURN-5

Mr. Ratnakar Mishra
Faculty, Management Studies

(Current slowdown in IT industries prompted many majors to scale down their business and defer the manpower hiring decision. This article intends to add some data to substantiate the facts and apprise the students about the downturn and challenges as well as the strategies to win over it)

Despite all assurances and help provided by the Government of India to IT industries in the shape of tax cuts and putting forward looking decisions like quick nomination of board members in the recent scam hit IT major, the nose diving performance of some major newsmakers look grim. A sector that was once known to withstand all storms and returning robust numbers quarter after quarter is losing its blue moon status. Except Infosys (down by 15% having 70% weightage in IT index, Chelluri, BS.09) all others contributed to a fall of 45% in the BSE IT index.

Currently service sector occupies a pivotal role in the Indian Economy by providing 49% share to GDP and despite the global slowdown in IT & ITES sector, still the opinion is in favor of it as the industrial growth seriously went down (3.5% in last quarter) and the agricultural output does not signal to a good revival (2% rise in overall output largely due to a rise in Kharif output). Earlier when GDP growth was touching almost 9% (2007-08) now it scales down to 5% (estimated for 2008-09 by CMIE, India) although much higher than 1% growth of world economy. World economy averages 6%, US 5%, European countries average to 6% and Japan growth to 1% in 2009. We are threatened because our 85-90% IT businesses are from these three regions (US, Europe & Japan). The future estimation for these three regions is also bleak and expected to lie between 1 to 2%. So any layman can well guess about our future prospects. (BS. March 09).

Another cause of worry for Indian IT business is the US job cuts and their Government's call for protecting native jobs ('No' to outsourcing). United States of America lost 36 lakh jobs in last 13 months and their unemployment rate is now touching 8% (India's unemployment rate is 25%).

In November 2008 USA lost 5,33,000 jobs, 4,00,000 in September and 3,20,000 in October & henceforth the average job loss per month is 2,00,000 till Feb 2009 prompting the new President to call for this type of job protection.

To add to our woes, the US job market is increasingly becoming unkind to all non-white races catapulting their return to the homeland; further worsening the matter inside our country. The US bureau of Labor Statistics in month of January 2009 shows as much as 12.6 percent of all black Americans and 9.7 percent of Hispanics working in US have lost their jobs since January 2008; a bit higher than the overall job loss by white Americans, i.e., 6.9 percent (BT 2009). In the 3 months the rate of job loss of Asians in their homeland has risen from 3.2 percent in October to 6.2 percent in December 08. Although this rate is a bit lower but as a major flow of manpower occurs between these two regions, severity in one is bound to offset another.

If anybody has any patience to notice the trend of BSE sensx, it is hardly be worth mentioning for him to go ahead with such discussions. As per a recent economic survey the projected sensx at December 2009 is 9000-11,000 (responded by 70% of respondents) and in another question about the revival of the market 50% respondent went in favor of 'more than 3 years' option. The big IT companies may survive due to their diverse services, quality control, long clientele as well as good records, but the small & medium companies get all the trouble by the decreasing IT spends, drop in new projects. Notably the stock valuations of majority companies have dropped significantly. PE multiplies on a one year forward earnings basis have slipped to single digit as compared to 15-25 earlier.

However in India, still the matters are not that worse unlike the American counterpart. But the link (trading with US forms 80% of our IT. business) may spell trouble as the source is severely damaged, dampening the hopes overseas and at home as well.

(To be continued.....)



Tech Check

Md. Ashraf Adil, ashraf13@rediffmail.com

B. Tech., 4th Semester

The LED hand crank powered Slik-Stik

Well, it's said that innovation starts where invention ends. Here's a nice update to the saying. So let's roam around with the new and advanced walking stick. This **Slik-Stik walking stick** has few extra features that make using a walking stick far more convenient. The big perk being that the stick is housed with LED lights. Thus, making 'walking at night' a lot easier to do and definitely a lot more safe. Even better is that the LED lights shine in two different directions. One shines up ahead and the other at your feet, making it highly less likely you'll stumble over any unseen objects.



This stick has other nice features such as having a built-in magnet for when items are dropped. It also has a wrist strap to make sure you don't drop the cane itself. There is also a rubberized hand grip with a non-slip coating to prevent dropping. The cane has a four position stem that will adjust to the height that is most comfortable for you. It also folds up to make it easier to store when it's not in use. To power the lights you can either plug it in or wind it up for a slightly more eco-friendly approach.

Headache Relieving Wrap

This article is not for those who don't know the agony of headaches and migraines. Well someone may answer "Don't fear cos paracetamol is there". But what if you become immune to such medications? How about the Headache Relieving Wrap?



Developed by a neurologist, this head wrap helps relieve headaches naturally, eliminating the need for medications. A study published by the Archives of Family Medicine proved that the head wrap alleviated migraine and tension headaches in 87% of patients. The unit straps comfortably to your head and provides a soothing, consistent pressure that gently compresses blood vessels to help relieve migraines. It comes with three reusable gel packs that can be heated or frozen, and inserted into the headband to provide relief from throbbing pain. Heat therapy relaxes tense muscles and the cold treatment cools and constricts blood vessels, helping to alleviate tension headaches. The headband is insulated to retain heat and cold and its adjustable strap and Velcro strap keep it in place. One size fits all.

Now talking about price it's just \$49.95 and if you can spend thousands of bucks on medicines and their after effects why not on this natural therapy.

Courtesy: newlaunches.com, coolest-gadgets.com

Book Review

Dr. E. Raja Rao

Faculty, Dept. of English

Gary Zukav's *The Seat of the Soul* (New York: Simon & Schuster – A Fireside Book, 1990), pp.248. Price: U.S. \$14.00; Can. \$21.00.

Gary Zukav, the author of the 1979 American Book Award in Science for *The Dancing Wu Li Masters* has brought out another masterpiece, *The Seat of the Soul* as a sequel to his earlier book, as it were. In this



book, Zukav tells us about the hidden mysteries of the human life that is lived upon this Earth by the human beings from generation to generation. Zukav makes a distinction between the quality of life lived by the “five-sensory” human beings and that of the “multi-sensory” human beings who adopt a different dynamic altogether in the perception of life itself. The concept of the multi-sensory being goes very well with what Lord Srikrishna tells to Arjuna in the Bhagvadgita: “I am not one, but many” (Ch. 9, hymns: 16, 17, 18; Ch.10,hymns:4,5, 32-39). Since man has been made after the image of God, and possesses His traits, it is quite but natural that man is not limited to his five senses, but has the proud inheritance of multiple senses. The two basic elements which are instrumental of man’s actions on this earth are love and fear. Fear, as Zukav strongly argues, generates lower-frequency currents of energy, whereas love produces higher-frequency currents of energy, bringing in its turn buoyancy, radiance and lightness and joy into the midst of life. While fear could invest in man what is called the “external power,” love helps man achieve the “authentic power.”

Zukav, in this book, cautions the five-sensory human against harbouring evil intentions. Every experience, he argues, is the reflection of one’s intention. Unless one is honest in one’s intentions, there would be unnecessary disturbances in life. Intentions could be conscious and unconscious. If there is a conflicting choice between the conscious and unconscious intentions, there will be restlessness in the individual. One creates one’s reality with one’s intentions. If the intentions become divided, the personality is bound to become splintered. As Zukav says, “Intentions shape Light. They set Light into motion. Each intention sets energy into motion.” Hence, he advises that one should be careful of one’s dispositions, aptitudes and attitudes, as they reflect one’s intention. Zukav also lays enough stress on the responsibility of making choices. Each choice of intention opens a corresponding path before an individual. If one prefers to be angry in a given situation, he or she is creating “the karma of anger;” if, on the contrary, one acts with compassion and love, one is creating “the karma of compassion.” One remains close to the soul when one chooses a path of humility and compassion, the qualities that are the kernel to the soul.

According to Zukav, the five-sensory human while living the experiential life on this Earth is not at all alone. He or she is being assisted by extra-territorial substances which constitute the non-physical power force, mostly hidden in the form of guides and Teachers. The splintered soul of the human personality always attempts to have “conscious communication with other, more advanced intelligences.” Though it is often claimed by the mundane personality that the impulses and insights are his or her own, they are, as a matter of fact, the kindly engines of the soul which often take the onus of guiding the five-sensory human being in his or her journey through life.

Zukav in the final chapter gives a lot of emphasis on the special task with which the soul comes to this earth. “A soul does not incarnate only to heal and to balance its energy, to pay its *karmic* debts, but also to contribute its *specialness* in specific ways. Each soul brings the particular configuration of the Life force that it is to the needs of the Earth school. It does this with purpose and intention.” Zukav finally asks the self to surrender before the nonphysical force. He says, “Enter into partnership with Divine Intelligence. Release your specification and say to the Universe: ‘Find me where you know I need to be’.”

Zukav’s The Seat of the Soul is a wonderful companion to all those who are pursuing the knowledge of emotional intelligence. Like Jacques Derrida and Edward de Bono, Zukav sees the shortcomings of “rationality” as a weapon of measuring the life. There is a vital element of “irrationality” which is available to the human race in the form of intuition that could be very well utilized for guiding one’s paths and arriving at right decisions. Intuition, as Zukav rightly argues, is the spark of Light which has to be used with wisdom. Zukav’s book in the present-day’s world is a must for one and all, who are blindly using rationality as the only tool for judging the ways of life. It is more so to the students of M.B.A (and also for the students of P.G.D.M.) for whom the book had been prescribed as a part of the personality development program, though mysteriously the book has been dropped this year from the list of the texts prescribed for reference.



Clubs AT NIST

ELECTRONICS Hobby Club: INNOVATE TO IMPLEMENT

They say- “No Country is Foreign, No man is strange, beneath all uniforms a SINGLE body breathes...” When we feel the rhythm of life, we dance. When we hear it speak to us, we listen. We go where the music takes us. No matter how incredible it may be or what consequences it may have for our lives. For those who haven't tried that yet, you will be amazed at what an adventure life suddenly becomes, what knowledge you can access, grasp and understand, when you go with the flow and cease to wage war with it for fear of being different. For most people so often the head gets in the way because they fear stepping outside of convention. They fear what other people will think and say about them. But how can we expose the unthinkable unless we think the unthinkable? Are we saying that we know it all? Is there nothing left to know? Of course there is. We know only a fraction of it all. And what has been the force that has brought us even to our current state of knowledge? Those who have dared to think and communicate the unthinkable. Without such people the human race cannot evolve. It just runs on the spot, living within a perpetual prison of the mind. What was that they said? Humans will fly? Ridiculous! That we can travel beyond the speed of sound? Crazy! That we can create babies in a test tube and clone the human and animal species? Ludicrous! Yet all and more have been done by those who have thought the unthinkable while the masses mocked.



And Electronics Hobby Club (EHC) has just been another small but significant step in the list.

The Club started with a great inaugural spark by Dr. Ganapati Panda, HOD, ECE, NIT, Rourkela, on 19th March 2007 & from then the club never looked back.

With faculty advisors as **Mr. Rajesh Kumar Dash & Mr. M. Suresh** whose dedication that can be matched only by a few and Chief Patron our Director, **Prof. Sangram Mudali**, for whom Impossible is I'm possible, the club accelerates with no bounds.

Electronics Hobby Club (EHC) has always given the platform for those who ventured to go beyond the conventional theory in the field of electronics. Either be it the Hardware competition in 'Sankalp' or be the celebration of 'Electronics Month' or be the performance in 'Techfests' across India, EHC always carried the tag of success. EHC has also implemented many electronic gadgets in NIST like 'Electronic Bus Schedule', 'Automatic Electronic Bell System', 'Electronic Smart House' to list a few.

Electronics Month was a milestone with EHC organizing events throughout the month for the first time by any club in the history of NIST. It has given students a uniform platform for all streams to participate, learn and to prove themselves in hardware.



In the time of economic recession when the IT sector is shrinking, a culture of electronic hardware has been inculcated among the NISTians.

It started with '**Electronics Dexterity v1.0**' (Electronics Quiz) with a huge participation of 400 students from 2nd, 4th & 6th semesters. The club organized a workshop named '**Electrokriti**' for selected students of 2nd and 4th semester in two different phases of 3 days (12hrs) each. The selection for workshop was done on the basis of performance in the quiz. The workshop aimed at basic electronic components, basic breadboard prototyping, power supply fundamentals using bridge rectifiers, use of 555 timer in different modes, use of 4017 decade counter & soldering practices involving LDR sensors and comparator IC LM358. Unbelievably a 100% result came out with more than 110 perfectly working prototypes on breadboard & APB. The feedback from the students need no other certification for emergence of EHC as a pioneer club of NIST.

EHC gave its third touch with '**Electronics Design Contest**'. With a participation of 83 students which nearly knocked the record of Sankalp. Adding to that the students of 2nd semester were highly praised by the judges as it was hard to imagine about circuit making caliber and the enthusiasm in the 1st year itself. Respected Principal of APEX institute **Dr. Ramesh Chandra Das** visited on that day and got amazed about the culture of NIST in electronics hardware.



With ‘**Optimized Design**’ as a final event under the canopy of EHC for electronics month it ended with a mark to remember.

The credit goes to the EHC coordinators team which includes: Anshuman Gaurav, Anurag Mittal, Avnish, Chiranjeev, Dipankar Choudhary, Jasmine, Mukesh Pandey, Narasingh Subudhi, Pallavi Jena, Rajesh Subudhi, Satyajeet Panda, Stuti Pandey, Subhankar Goswami, Sumit Kumar Sao, U. Sunil Ratnakar, Vikas.

Apart from that, NISTians represented EHC in TECHNO-MANAGEMENT fests like ‘Samavesh’09’ (UCE, Burla) and ‘Kriatansh’09’ (KIIT university) for Hardware Model bagging prizes.

Moving with a vision not light years away from reality the club EHC has equipped NISTians for a professional approach towards Electronics Hardware as a career.

Future Vision:

- To conduct similar workshops in other engineering colleges.
- To launch a website that can provide adequate materials with free access to the students.
- To conduct training sessions in high schools of Berhampur as a part of Electronics awareness campaign.



At the end, hats off to the never ending craze & dedication of the participants who made these events a grand success. The doors of the club are always open for those having the courage to explore technology.

In the final analysis, the motto of EHC stands heads and shoulders above the rest. The motto is:

**“I HEAR.....I FORGET,
I READ.....I REMEMBER,
I DO.....I UNDERSTAND.”**

NIST BUSINESS SCHOOL CELEBRATES ‘ALLAP-09’

Enjoyment, freedom, comfort, new friends and simple fun – these words describe the spirit of ‘**ALLAP-09**’ conducted by NIST Business School, on 9th March 2009. Under the able guidance and stewardship of MBA Course Coordinator, Mr. Shom Prasad Das, Faculty members of Management program and 2nd year MBA students, successfully organized the ‘Management Meet’ which included a range of both formal and informal events, like, **Sudoku, Phoenix, Equity Pulse, Big Fight, Ad Venturer, Big Ask, Treasure Hunt, Ta Ra Ram Pam, Graffiti, Volte-Face, and It’s my Style**. The MBA students of APEX Institute of Technology & Management (AITM), BBSR participated in the Meet. The program was kickstarted by Honorable Chief Guest, Dr. Arun Kumar Padhy, B. Tech., Course Coordinator, NIST along with the Guest of Honor, Dr. Arun Kumar Mohapatro, Faculty, Management Studies, NIST and the Chief Speaker, Dr. E. Raja Rao, Faculty, Technical Communication, NIST. Ms. Shruthi and Ms. Suvarna, MBA 1st year students let the ball roll with their semi classical dance performance. Aditya of 2nd Year MBA and Sonali Das of 1st year MBA added color to the inauguration with their melodious musical numbers. All the MBA and PGDM students of both NIST and APEX participated in the events with lots of energy and enthusiasm. The eventful day at NIST Business School came to an end with the winners of all events receiving their much awaited prizes. The informal event, **It’s My Style**, was the silver lining of the Meet, where all the students and faculty members walked the Ramp in their own style and grace. ‘**ALLAP – 09**’ provided the much needed platform to unleash the hidden potentialities of the students, and discover their valuable strengths. This meet has left us with a true and lasting experience. **Mrs. S. Gita Madhuri & Mr. Chinmaya Sahu**, Faculty, Management Studies along with the student volunteers, Manish Surekha, Mebin Paul, Sanjukta Kampo, 2nd year MBA coordinated and administered the day’s proceedings effectively.



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REGISTRATION OPEN

**Duration and Timings : 4 weeks
6 days a week x 8 hours a day Only**

For further details, please contact:

The Manager, NTCS
National Institute of Science & Technology
Palur Hills, Berhampur - 761 008
Phone: (0680) 2492421/22
email: summer2009@ntcsindia.com

OR

Mr. Shom P. Das : 9437044480
Mr. Bhawani S. Pattnaik : 9437166101
Mr. M. Suresh : 9437217290
Mr. Sidharth B. N. : 9437204424
Mr. Pradeep Jena : 9937388081

The fees include course material, course bag, transport, breakfast, lunch, tea & snacks

The course Fees can be paid in cash or through DD/Cheque in favor of "National Institute of Science & Technology, Berhampur" at either of the two centers mentioned above.

Grading :

There will be regular examinations conducted every Saturday and the grade will be awarded based on the performance in the tests and the projects.

Facilities :

Well equipped laboratory facilities, experienced instructors, custom developed course notes will be provided. Hostel facility available for Rs. 1,500/- including boarding and dinner.

LAST DATE FOR REGISTRATION

1 week before the start date of respective batches

Registration Fees : Rs. 500/-

(This Regn. Fees will be deducted from the amount of the Course Fees)
Limited Seats are available, Admission will be on a first-come-first-served basis

**1st Batch starts from Dt. 15/05/2009 - 11/06/2009, 2nd Batch starts from Dt. 21/05/2009 - 16/06/2009
& 3rd starts from Dt. 15/06/2009-11/07/2009 (Venue : NIST, Berhampur)**