

Message from the Director

The construction of the first hostel with a capacity of 600 students is going on in the campus on a war footing. We are confident that by August 2006, we will be able to welcome students to the on-campus hostel. Also the work on the Swimming Pool is progressing rapidly.



I am extremely happy to note that more than 250 of NIST students belonging to the 3rd and 5th semester have appeared their ORACLE, JAVA, CCNA and Microsoft Certification examinations and have passed with flying colors. I am informed that the number of Oracle, JAVA and MCSE certified students is the highest from any college of Eastern India. Apparently we are miles ahead of others. The role of certifications is very important in our present competitive scenario where 3 lakh engineers are graduating in the country every year.

Our faculty members Siddharth Neelamani and Indraneel Mukhopadhyay spent a very useful 3 days at Infosys, Bhubaneswar, as part of the Campus Connect Program. The Campus Connect program of Infosys is a program to bring together reputed Institutions as partners with the aim of raising the standards of our engineers. It allows the students to be trained and to be ready for his/her upcoming industry assignments while still at the college level. Our Placement Director, Ms. Geetika Mudali is carrying on her Sabbatical Program at Infosys, Bhubaneswar, on a project involving data migration and data mining.

I hope the first year students of B.Tech, MCA, M.Tech and Lateral Entry have settled down to their daily humdrum of activities. We encourage all the students to participate in all the Institute activities like sports, extra-curricular activities, *Sankalp*, NSS, NCC, ISTE, IEEE, Robotics Club, etc. With Best Wishes.

September 15, 2005

Sangram Mudali

Message from the Editor

I visited the NIST library on the first day of my joining and got impressed by its stock of modern, useful and relevant books. Within one week, I came to know that although the stock is not so huge as compared to other big libraries, but all the books are useful. Before joining here I had the scope to study in the libraries of many renowned institutes and research organisations, where most of the books were of old edition and were outdated. But NIST library is an exception in that regard. Specially, it is notable to see the collection of non-technical books like literature, communication skill, personality development, Quiz books etc. NISTe_News student representative **Preeta Mohanty** has taken the responsibility to write and collect reviews on non-technical books of NIST library. I appreciate her idea and urge all the students of the new batch of B.Tech, MCA and M.Tech to utilize the modern facilities that are now available at NIST library. NIST has also the institute membership of IIT, Kharagpur, I would like to request more faculty members and M.Tech students to use the facilities at IIT, Kharagpur library for their research work, etc.

September 15, 2005

Partha S Mallick

Our Student Representatives

**Preeta Mohanty, Rohan Gupta, Arun Reddy, Rakesh Parida,
Smruti Sagarika and Amit Kumar Dash**

Placement Director – from Infosys, Bhubaneswar

I got selected by Infosys Technologies Limited for a one month sabbatical program. During this program I have been assigned work in the area of Database Migration Methodology. It's a research area and by the end of the program, I will be submitting a white paper in Database Migration methodology. The selection was based on a proposal I sent and was followed by a Tele-conversation with the respective project members at Infosys. Infosys Technologies is a world class company and working here is an entirely new experience. All the privileges of a regular employee are given to me and I am associated with the TNSD department.



The most striking feature that gets my attention is the way IT companies like Infosys Technologies are interacting with Fortune 500 clients across the shores. Everyday many Infosys employees are engaged in Tele Conversation with the corporate clients abroad. And everyday many employees are also going on site as per project requirements. Whenever there are sounds of clapping near my cabin - that means someone is going onsite. *IT companies like Infosys have made superpowers like America look like a common thing.*

The campus is very large and beautiful and 1700 employees are working in the Infosys, Bhubaneswar campus. Everything here looks very neat and appropriately maintained. Last week it was raining heavily. I liked the free umbrellas at Infosys which are available near the doors – large, multi colored umbrellas. The gardeners are having green uniforms and they wear it with pride. And of course I met many NIST graduates. In my project itself Mr. Naren - 2003 graduate of NIST, is taking a lot of care. Next week, Arpita Ghosh (Alumni of 1998 batch EIE) is organizing a party for all the NIST alumni at Infosys, Bhubaneswar. The last 2 weeks have been a wonderful experience for me! Hope to finish the program successfully.

September 15, 2005

Geetika Mudali

Letters to the Editor

Subject: *On the eve of Teacher's Day*

Date: *Mon, 5 Sep 2005 17:51:57 +0530*

From: *mahimohini.sahu@wipro.com*

To: *NISTe_News@yahoo.com*

Respected Sir, This is Mahimohini Sahu student of 2000 batch, I want to wish a Happy Teacher's Day to all the faculties of NIST and NTCS. I am grateful to all the faculties who have helped me to be successful in my career. I got placed in Wipro Technologies, Bangalore before two months after a long struggle. But I accept it is all due to the blessings, guidance and inspiration of our college teachers. I am grateful to them forever. Thanks to all. **Mahimohini, Wipro Technologies, Bangalore.**

From: *Mr Siddhartha B Neelamani, Faculty, Computer Science and Engineering*

Dear Editor, I seldom read E-News and I just went through the last month's edition. I appreciate some of the articles. But I am shocked to read one article: Joke: "Spin Bowler or fast Bowler!". Personally I also enjoyed the joke. But I feel that E-News is not a magazine to publish that sort of jokes. This works as the mouthpiece of the college. This is also sent to the parents of all students and to different other organizations. Well, this is my opinion. Thanks. **Siddhartha.**



NIST is Shining!

Do you know?

1. *NIST Placement – 2005* was one of the best in the state.
2. *Admission in B.Tech and MCA 2005* - NIST is among top 3 in the state.
3. *Admission in M.Tech 2005*– NIST is on the TOP among all Govt. and Pvt. Engg Colleges under BPUT.
4. *Govt. Grant for R&D Projects* –NIST faculty members have shown their excellence.
5. Many faculty members are joining NIST from other renowned engineering colleges and Industries of the country like BITS, IIT, TCS, etc.
6. 5 faculty members of NIST have gone abroad for post doc and other training – in the last year only.
7. NIST students have shown Excellent Performance in B.Tech, M.Tech and MCA Exams held under BPUT. They've equally shown their best performance in extracurricular activities.
8. Our brand new Galleria Building has 80000 sqft and is one of its kind with 16 lecture halls and a 250 seated auditorium. Construction of a 600 seated in-campus hostel and swimming pool has been started and will be complete by August 2006.

President APJ Abdul Kalam on Teachers Day

*Our President APJ Abdul Kalam met with the teaching community on Teachers day'05 and administered a ten point oath. I would like to share it with NISTe_News readers – **Editor***

1. “I will consider myself to be a great teacher only when I am capable of elevating the average student to a high performance. I will organise and conduct my life, in such a way that my life itself is a message for my students”.
2. “I will treat all the students equally and will not support any differentiation on account of religion, community or language”.
3. “I will constantly endeavor to fill my mind with great thoughts and spread nobility in thinking and action among my students. I will always celebrate the success of my students”.

Source: Indian Express, September 7, 2005

*The next issue will be published on October 15, 2005. Send your message on or before October 10, 2005 to niste_News@yahoo.com
Thanks. ----- NISTe_news*



News Corner

DST Grant for Dr Amalendu Patnaik



NIST Faculty and Coordinator(R& D), **Dr Amalendu Patnaik** has received a project grant from Department of Science and Technology (DST), Govt. of India of Rs.

6,55,200/- for doing research on the Project titled *Development of antenna array failure analysis and compensation techniques*. The project has been approved for a total duration of 3 years. This is an another Govt. grant that has been sanctioned for NIST faculty.

Infosys campus connect program

NIST faculty Mr. Siddhartha Bhushan Neelamani and Mr. Indraneel Mukhpadhyay attended the campus connect program of Infosys Bhubaneswar on August 24-26, 2005. They got training on TTT (Train the Trainers) program on *dotNET* programming. NIST has started Infosys Campus Connect program for all the 2002 batch students selected by Infosys from September 1, 2005.

CCNA fast track Training Program

NIST is running CISCO Certified Network Associate (CCNA) Training course for 7th Semester B.E students. This program is specially designed for those students who want to make their career in **Telecommunication, Protocol, Wireless, Firewall and Networking** domain. This course has got equal importance for both software and hardware engineers. The current strength of students for this program is 27. Hope this course will create a revolution for NISTians to pursue a career in communication technologies. The course is being coordinated by Mr Dutikrushna Panda, Faculty of NIST and the other Instructors are Mr P K Jena, Mr Rabindra K Shial, Mr Siddartha B Neelamani and Dr R P Reddy.

Friday Seminar Series

Department of Computer Science and IT have organised Friday Seminar Series for the self-development of staff, students and faculty members. All students, staff and faculty are invited to attend. Here is the list of the speakers with topic.

Date : 19/08/2005

| Speaker | Topic |
|----------------------|----------------------------|
| Sumitra Ojha | Linux |
| Siddhartha B N | Grammars |
| B S Pattnaik | ARM Architecture |
| Shom P Dash | CDMA Architecture |
| P K Jena | Digital Audio Processing |
| D K Panda | TCP/IP Ref. Model |
| Dr. Amalendu Patnaik | Neural Network Application |

Date : 26/08/2005

| Speaker | Topic |
|----------------|----------------|
| Sumitra Ojha | Linux |
| Siddhartha B N | Compilers |
| B Srikrishna | Database Joins |
| Malay Roy | Fuzzy Logic |
| Parimal Das | Tree |
| Debalina Kar | Normalization |
| Rowdra Ghatak | Mobile Commn |

Dr AK Panda & Mr M Suresh at VDAT

NIST Dean **Dr Ajit K Panda** and **Mr M Suresh** attended the 9th IEEE VDAT (VLSI Design and Test) Symposium - 2005 held at Wipro Campus, B'lore on August 10-13, 05. VLSI Society of India sponsored it program.

Web designing Projects

The B.Tech 3rd Semester students submitted their Web Designing Projects 2005. All the projects were evaluated by Computer Science and other faculty members. The course - *Web Designing*, was instructed by Mr. K. Lakshmi Narayana and Mr. Mukteswar Patnaik. Students did the projects using the software like HTML, JavaScript and FlashMX. The first prize won by Prasanta Kundan Goutam and Amrita Nayak. The 2nd prize was won by Nitish Kumar and Anand Bose and the 3rd prize was went for Anurag Rath. Our Director Mr. Sangra Mudali distributed the CERTIFICATES and PRIZE money to the winners.



ISTE - Faculty Advisor

Mr. Satyabrata Das is the Faculty Advisor of the ISTE Chapter, NIST, which has been adjudged the best ISTE chapter of Orissa. Mr. Satyabrata Das is a BE from REC, Rourkela and M.Tech from MNIT,



Allahabad in Digital Systems. He worked as a Plant engineer for more than 8 years in *Hindustan Paper Corporation, Panchgram*. NISTians wish a great success to the ISTE Chapter under the able leadership of Mr Das.

NIST Faculty to pursue PhD at NCTU

NIST faculty **Mr Harihara Padhy** has been awarded the Taiwan Govt. Scholarship to pursue Ph.D program at National Chaio Tung University (NCTU), Hsinchu, Taiwan. He will be working in the area of Organic and Polymer Light Emitting Diodes in the department of Material Science and Engineering under the guidance of Prof Hong Chu Lin. Mr Harihara Padhy left India on Sept. 10, 2005. We wish him all success.

Economic Hardship Scholarship-2005

NIST provides Economic Hardship Scholarship to students of each batch every year. The following 7th Semester (2002 Batch) students are selected to avail the **Economic Hardship Scholarship** for the year 2005. First Year students of 2005 batch are encouraged to apply before 25th Sept.

| Sl. No. | Name and Roll. No. |
|---------|-----------------------------|
| 01. | Hemant Kunlar Sahoo(139) |
| 02. | Dayal Kumar Behera(254) |
| 03. | Ashish Kunlar Dass(250) |
| 04. | Rama Chandra Sathy(158) |
| 05. | Rabindranath Choudhury(332) |
| 06. | Sibaram Behera(032) |
| 07. | Rashmi Ranjan Padhi(046) |
| 08. | Amiya Kumar Das(068) |
| 09. | Chittaranjan Prusty(117) |
| 10. | Prasanta Ku. Sahu(378) |
| 11. | Ashok Kumar Swain(246) |
| 12. | Bighnaraj Naik(184) |
| 13. | Libnus Lakra(223) |
| 14. | Suraj Prasad Dukhu(078) |
| 15. | Md. Imran Ansari(086) |

Book Bank Facility

The following 7th Semester (2002) Students are selected to avail the Book Bank Facility for the Year 2005.

1. Sibaram Behera – 032
2. Rasmita Pradhan - 367
3. Ramachandra Sathy – 158
4. Muktikanti Sa – 163
5. Prajnamaya Debadutta – 085
6. Amiya Kumar Das – 068
7. Bighnaraj Naik – 184
8. Dayal Kumar Behera – 254
9. Ashish Kumar Dass - 250
10. Hemant Ku. Sahoo - 139
11. Amiya Kumar Das (EIE) - 133
12. Pradyumna Ku. Mishra – 127
13. Gaurav Mishra – 082
14. Debasish Panigrahi - 382
15. Chittaranjan Prusty – 117
16. Ashok Kumar Swain – 246
17. Prasanta Kumar Sahu – 378
18. Amiya Ranjan Sahoo – 023
19. Rashmi Ranjan Padhi – 046
20. Subha Prakash Nayak – 263
21. Kedar Charan Sahoo – 373
22. Bimal Kanta Sethi – 237
23. Libnus Lakra – 223
24. Gangan Bihari Pradhan – 372

Inauguration of SA and Yoga Center

NIST's Students Activity and Yoga Center was inaugurated on July 30, 2005 by Maharshi Dr. Yogiraj, Founder and Chief Faculty of HYL Club, Hyderabad. The inauguration program was followed by a



presentation and live demonstration on "Yoga and Meditation". Maharshi Dr. Yogiraj presented the seminar and Mr. Sai Kumar demonstrated the *Yoga Asanas*. NIST Director, Dean, Course Coordinator

(B.Tech, M.Tech and MCA), students, staff and faculty members attended the program. NISTe_News Editor Dr. Partha S Mallick, coordinated the program.

Monsoon Cricket Tournament

Monsoon Cricket Tournament for the final year students, NIST Staff and Faculty was held from July 20 – 23, 2005 at NIST cricket ground. Electrical and Electronics Engineering (ELE) team lead by Captain Parmesh Kr. Choudhary won one of the most exciting final match, where Sanchal Dash of ELE was declared the Man of the Match with his consistent performance throughout the tournament. Before that, in semifinal match between NIST & ELE, Mr. Vinay kumar Das scored 84 not out with the help of 8 six & 6 four in just 22 balls. The match was decided on last ball. Final match was played between IT & ELE, where ELE managed a total score of 113 runs, by the splendid performance by Sanchal Das, scoring 36 from 30 balls. IT was almost close to it and thrilling match came to an end where ELE won the match by 4 runs. Our respectable Director Mr. Sangram Mudali was present in the final match and distributed the prizes to Winners, Runners-Up and to Man of the Match. All the matches were conducted by our faculty & staff members, Mr. Jagannath Mohanty, Mr. Pallab Kar, Mr. Vinay Kumar Das and Mr. Ashok Sahoo.

Volley Ball Coaching Camp

Volley Ball coaching camp was organized between 2nd to 31st August, 2005 in our college. Around 15 students participated in the camp. The aim of the coaching camp is to build a volley Ball team for upcoming BPUT tournament. All the students are performing well. Another coaching camp will be organised soon. Mr. Vaskar Mishra of BU trained the students for 25 days.

Chess Tournament - 2005

NIST organised the Inter College Chess Tournament – 2005 of Berhampur University. The tournament was held on September 1-2, 2005 at NIST. Around 15 different colleges participated in this tournament. In the final, best five students

were selected for participating in further inter-University tournaments, which will be played at Vellore, Kerala. Our Dean Dr. Ajit Kumar Panda inaugurated the tournament and distributed the prizes to the winners. The tournament was conducted by our faculty members Dr. Arun. Ku. Padhy, Mr. Pallab Kar, Mr. Jagannath Mohanty, Mr. Meenakhi Prasad Mishra and Mr. Amar Bikram Sahoo. The best five Students of the tournament are P. Appia Raju - Raygada College, Raygada, Sudhanshu Sekhar Acharya - K.S.U.B. College, Bhanjanagar, Rahul Kumar - NIST, Berhampur, Ranjeet Kumar Singh - Raygada College, Raygada, Shiv Kumar Behera - NIST, Berhampur. Congratulation & Best wishes to all for representing Berhampur University in the inter-University Tournament at Vellore, Kerala.

NIST Faculty attend a Seminar by ANSYS

NIST Faculty **Mr Sagar Sikdar** attended a Seminar on *ANSYS Customer upgradation* held at Hotel ITC, Sonarbangla on August 3, 2005. The seminar was organised and presented by ANSYS India.

NIST's blood donation camp awarded

Indian Red Cross Society, Orissa State Branch, Bhubaneswar awarded NIST for



donating 2nd highest units of blood on voluntary basis among the Educational Institution for the year 2003-2004. Prize distribution ceremony was held at IDCOL House, Auditorium, Bhubaneswar. **Mr. Vinay Kumar Das** and **Mr. Harihara Padhy**, representative of NIST Social Service (NSS) received the Certificate & Shield from our Hon'ble Governor Shri Rameshwar Thakur.

Party for NISTians

Mr B Srikrishna, Faculty of Computer Science and Engineering, has thrown a party on September 11, 2005 at Mayurya on the first birthday of his son **B Hitesh**.

Dr Ashutosh Singh, Faculty of Electronics and Communication Engineering, Presently on leave for Post Doc at University of Bristol, UK has thrown a party on August 17, 2005 at Hotel Jyoti Residency.

M.Tech, 2003 batch have given a party on August 28, 2005 to all M.Tech Instructors, Director, Placement Director at Hotel Parijat.

NIST Welcomes you....

Mr M Rajendra Kumar joined us in August 2005, in the Dept. of Mathematics as a faculty. He did his M.Sc & M Phil from Berhampur University & also done M.Ed & PGDCA. His areas of interest include Diff. Equations, Complex Analysis & OR. He has more than 8 years of teaching experience.



Mr Rakesh Roshan joined us in July 2005, in the Dept. of Electronics & Commn Engg. as a faculty. He did his B.E. & M.E. in Microwave engineering from B.I.T., Mesra, Ranchi. His area of interest is Wireless Communication. He has already published two research papers.



Ms Snigdha Rani Behera joined us in August 2005, in the Dept. of Electrical & Electronics Engg. Dept. as a faculty. She did her B.E. from NIST & M.E. in Power System from Bengal Engineering & Science University, WBengal. Her area of interest includes Power System & Electrical Machines.



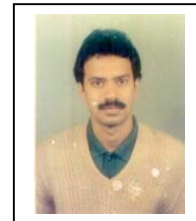
Mr B Sridhar joined us in August 2005, in the Dept. of Electronics & Communication Engg. as a faculty. He did his B.E. & M.E. in Instrumentation & Control from BIT, Mesra, Ranchi. His research interest is FO Sensors.



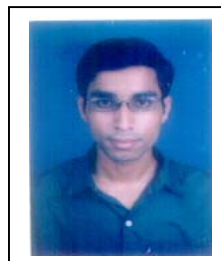
Mr Binayak Dihudi joined us in August 2005, in the Dept. of Mathematics as a faculty. He did his M.Sc & M Phil from Berhampur University. His area of interest includes the study of Stability & Asymptotic behavior of solutions of Diff. Equations.



Mr Chinmoy Bharatendu Mohanty joined us in August 2005, in the Dept. of Computer Science & Engg. as a faculty and System Administrator. He did his B.E. from Orissa Engineering College, Utkal University. He has also been certified in MCSE & Internet. His area of interest is in Computer Networking & Communication. He has 12 years of industrial experience.



Mr Priyadarshi Sarangi joined us in July 2005, in the Dept. of Computer Science & Engg. as a faculty. He did his B.E. in Information Technology from NIST, Berhampur. He is also CCNA Certified. He worked as a Jr. Network Administrator in CMS at Reliance Infocom, BBSR. His interest includes E-Commerce & Portal designing.



Mr Aresh Tripathy joined us in March 2005, in the Dept. of Computer Science & Engg. as a faculty. He did his MCA & PGDCS from Berham



University. He has also qualified the HDSM Course from NIIT. He has 4.5 years of teaching experience. His areas of interest include Object Oriented analysis & Design RDBMS.

Mr Sabyasachi Sarangi joined us in July 2005, in the Dept. of Computer Science & Engg. as a faculty. He did his BE in Computer Science from GIET, Gunupur. He worked as a Business Associative under Tekno consulting on dot net (.Net). His interest is in Networking & Hardware.



Mr Minakshi Prasad Mishra joined us in August 2005, in the Dept. of English as a faculty. He did his M.A. from Berhampur University. His areas of interest include on the topic of "Marginals of the Twentieth Century Indian English Fiction". He has more than 5 years of working experience in organizations like FICCI-CARE, PRAYOG CONSULTANCY & ICAI University.



Mr Debasisha Mishra joined us in August 2005, in the Dept. of Mathematics as a faculty. He did his M.Sc from Utkal University. His areas of interest includes Numerical Analysis & Complex Analysis.



Mr Ranjit K Behera joined us in July 2005, in the Dept. of Computer Science & Engg. as a faculty. He did his B.E. in Computer Science & Engg. from NIST, Berhampur. His research interest is in Comp Networking.

NISTians welcome **Mr. Prasanta Kumar Panda** who joined as Lab Supervisor in CSE on July 1, 2005, **Miss Deepti Rekha Samanta** who joined as Lab Supervisor in CSE on July 09, 2005, **Mrs. Smriti Rekha Satpathy** who joined as Office Asst. on August 01, 2005, **Miss Gayatri Patra** who joined as Office Receptionist on August 01, 2005, **Miss Sanjukta Panigrahi** who joined as Office Asst. on August 1, 2005, **Mr. Krushna Sethi** who joined as Driver on August 18, 2005, **Mr. Kaibalya Sahoo** who joined as Driver on August 18, 2005 and **Mr. Umakant Choudhury** who joined as Bus Helper on August 20, 2005. Wish you all a happy and successful life at NIST.

Student's Corner

My Father Rajasree Dey, 5th Semester

A beaming personality stands in front of me
 Delivering the fragrance of humanity
 As he walks forward, his shadow illuminates me,
 As he takes a turn, my inner feelings take a turn
 A hand of support whenever
 I need, a deity of love and care!
 My father is a person like whom is only rare!

Just for Today Smruti Sagarika, 2nd Year

Living life is not that difficult, its only that
 you have to promise yourself that-
 Just for today, I will be happy.
 Just for today, I will keep my spirits high.
 Just for today, I will not hurt anyone
 Just for today, I will work hard.
 Just for today, I will help at least one person.
 Just for today, I will give my best effort
 Just for today, I will control my anger.
 Just for today, I will say a prayer.
 Just for today, I'll live every moment of my
 today.

Bus-News Seva**A. Aditya, 7th Semester**

Not finding time to read newspapers, may be NIST could help. Introducing the new *Bus-News seva*. It has been yet another initiative taken by NIST to provide best of facilities to all NIST students. Starting April' 05 all the buses are being supplied with 20 copies each of 3 national dailies. I am sure this would really help students capitalize their time spent on travelling. I would also like to thank the administration for the same.

It's already 3 years since I joined NIST and it just seems like yesterday. The growing aesthetic environment (in campus hostel, indoor stadium, swimming pool) and the nostalgic reminiscences just accrue the immense desire to extend my stay at NIST. I am sure it's the same for many other students of my batch who cunningly keep gazing at the newly constructed pool from the library. Do you think its worth a back paper or two??? (never mind just a thought). Finally for those who have forgotten about the bi-yearly event starting on 12th of August pull up your socks and start working. All the Best!!! and have a fun filled FINAL YEAR AHEAD....

KALEIDOSCOPE**Rakesh Parida, 5th Semester**

The month bygone had promised a lot. Now Kaleidoscope doesn't get to be full of beans often. But there's always the twist. The Mumbai floods dampened our spirits and so did the Indian cricket team with some of their mediocre performances. Now if we could measure some parallels between the floods and the cricket team I guess this one would be profound. The city lives big but is poor on its basic infrastructure; I needn't say anything for the team. Indians are eternal quixotic to believe that Indian cricket team fits the tag of professionals but Mumbaites surely fit the tag of optimists for the way they seem to be rising like the phoenix. However the ineptitude of the Maharashtra government as well as that of the centre was on profound display. Looking at the greener side, a fairly significant achievement of the UPA government meant that Mr. Singh didn't return from Yankee land empty handed. Without signing the non-proliferation treaty (which seemed to be the bone of contention between America and the rest of the world trying out nuclear experiments) India has been promised with active support for its civil nuclear facilities and host of other goodies. However it was funny to note that Bushy was quick to call Mushy and reassure him there are some chocolates left for him as well. It's an irony that Indo-Sino bilateral trade is turning out some superlative figures that has got the Americans and Pakis itching up. Guess who's started to sleep with the enemy? But with the eternal party poopers (with due respect of course) was the left front who cramped up Mr. Singh's visit as well as raised a ruckus over the disinvestment of BHEL. However, the government seems to have turned a deaf ear by deciding to even announce more autonomy for its top profit-making companies, known as the *Navratnas*. Similar communist sentiments were displayed by the Honda workers who decided to turn the heat on the Japanese auto maker in Gurgaon whose tremors were even felt at even places as distant as Bhubaneswar. Even as I lament the state of the auto industry, Indian software market got an American touch with Oracle snapping up 40% stake in Rajesh Hukku owned I-Flex. At a time when global mergers seem to be the color of the day, this is not quite a surprise. Talking of mergers, Adidas resolute on breaking down Nike's domination acquired Reebok to go big guns in the sporting apparel market. On the domestic front talks of merger of the oil giants namely BPCL and HPCL are doing the rounds. It's however not the first and surely wouldn't be the last overhaul, as the Indian economy looks bullish and foreign investors look interested. Increasing volumes of trade and increased FII buying ensured that the bull charge at the BSE was virtually unstoppable in the last few weeks, with the Sensex touching the crucial 7500 mark. Let me not jump the gun by saying 8000 is not all that far (touch wood!)

If the political and the financial scenario remain unclear, it was quite clear who has been waking up Aishwarya at odd hours. Our very own perennial bad boy, Salman (I thought that the bugged only liked shooting bucks and running down people!) decided to kick up a storm ensuring that the self proclaimed purists or should I call them the *Shiv Sainiks* decided that our walls could do without the posters of the exploits of Mr. Khan. All this happens when another Khan decides that its time to say Good Morning. His forthcoming blockbuster hopes to stir up the dull audiences who have been constantly bombarded with unremitting string of uninspiring flicks. Aamir's *Rising* out of his hibernation has found more than a whole lot of appreciators with standing ovations in Locarno and Durban. Big B is back on the tube promising us much more than ever before with the prize money doubling up in KBC! Sania has making similar promises in the tennis courts by breaking into the top 50. She plays the US Open before the next issue goes into print and I sincerely hope that that Sania gives me something more to write about. The Indian Cricket team seems to be back at their mediocre best. I hope that those eleven are not the best that a country of more than a billion has to offer! The football seasons are about to start in all over Europe and there have been a few surprises. I think that some of that transfer money would embarrass our gross national product! Being cynical isn't difficult in the great country of ours. So Kaleidoscope has some way to go before it gives you a reading experience with all nice nitty-gritties of our society!

Book Review

Engineers are known for their in-depth technical knowledge but we are usually known to flounder when it comes to books and literature. Even in job interviews we tend to face problems due to our meager knowledge about the literature world. Since NISTians stand for completeness in all aspects - here is an effort on the part of the NISTians who have United for Literary Liberation, Association and Satiation to keep the students informed about the vast storehouse of literary books available in NIST library – *Preeta Mohanty, Students representative, NISTe_News.*

In this issue, we throw light on the author Ayn Rand and her book *The Fountainhead* and the review has been sent by **Debabratta Nanda, Final Year.**

Individualism at the zenith has had a deep impact on the society at large. And it is not often that a book has had portrayed it with such panache as that of Ayn Rand's *Fountainhead*. The diminutive lady born in USSR had initially resisted against the anarchy of a totalitarian government of the communist Russia. Fleeing for her life from the confinements of discipline she landed in America. Her belief of a man as an individual, the only ceiling to whose creative achievements is his imagination and faith in him, still inspires us to achieve the very best in us. This belief of her leads to the creation of a legend by the name of Howard Roark in 1943 the lead character in *Fountainhead*. The static society challenging the creativity and will power of a man whose fight for survival becomes the epic tale for the next generations.

Society is a group of individuals sharing certain common interests and functioning for its development in order to improve their personal life. But what if the individual's interest is not reciprocated by the society at large? What happens when this individual rises to face the demons of an intangible society? Ayn Rand has embossed a philosophy that leads us to the heart of an individuals' happiness. Life is difficult and a person, who can appreciate it, is the one going to live it to the fullest. The book engraves that when we are down to dumps the world walks over us, laughing at our misery and all we should do is smile back because when we rise once again the same world salutes us and bows to us.

The plot narrates the story of a brilliant architect Howard Roark who must struggle at each step in his life to showcase the face of the changing America to a society that is gripped by age old institutional beliefs. Not only his ideas are crushed by an apprehensive society but also ruthlessly terminated even before it materializes physically. His mettle is put to test when finally he answers to the desires of one who believes in him. As the book progresses his tribulations becomes synonymous to a thirst for satiating his inner happiness. Roark will remain a shining example of grit and determination who turned the world into a better place to live and where new ideas are not challenged with apprehension. Fountainhead is a culmination of thoughts that still personify the idea of a heroic individual.

This book cannot be completed without questioning the philosophy behind this extraordinary piece of work. Objectivism - the philosophy behind all of Rands' work holds that there is no greater moral goal than achieving happiness. But one can't achieve happiness by wish. Fundamentally, it requires rational respect for the fact of reality, including the facts about human nature and needs. Happiness requires that one lives by objective principles, including moral integrity and respect for the rights of others. In this book the author dramatizes her ideal man, the producer who lives by his own effort and does not give or receive the undeserved. This best selling novel is a passionate defense of individualism and presents an exalted view of man's creativity. *(The other works of Rand will be discussed in the next issues. Do read this book to be inspired in your difficult times).*

Alumni Page

Date: Thu, 11 Aug 2005 06:24:44 +0530

From: "Siddhartha Satpathy" <siddhartha.satpathy@oracle.com

To: psmalllick@yahoo.com

Subject: hello sir

Dear Sir, Hope this mail finds you in best of your spirits. How is everything @NIST. I was just browsing our college web site and happen to read some of the e-news. I was really surprised to see so many of my juniors getting recruited in Top notch companies within first few days of campus. I take this opportunity to congratulate them and wish them best of luck for their future. About me, as you might have come across my earlier mail, I have joined Oracle Corporation as an Associate Consultant. I am handling a single project alone. Basically handling the custom enhancements and support of e-business suite of Oracle. My office direct number is +918051082306. Mail me back whenever you have time. Thanks,
Siddhartha Satpathy, Oracle India Pvt Limited,PBC-3, #9 Hosur Road, Bangalore.

Date: Mon, 5 Sep 2005 12:02:41 +0530 (IST)

From: "niharika patro" <niharika.patro@ionidea.com>

To: "G V Kiran Kumar" <haikiku2001@yahoo.com> **Subject:** Happy Teacher's Day

Hello Sir, I give my heartiest regards to you on this auspicious occasion of Teacher's Day. I wish you a very Happy Teacher's Day. I am Niharika Patro of 2004 batch from IT branch. I am working in Ionidea, Bangalore as an Associate Test Engineer from last 3 months. Before 3 day I became a permanent employee and also got a salary hike. I thank you for making me eligible to achieve this position in my life. My teachers are the persons whom I give all the credit of making me successful in life. With Kind Reagrds. **Niharika Patro.**

To: psmalllick@yahoo.com

Subject: From Samikhya

From: "Samikhya Dash" <samidash@in.ibm.com> **Date:** Fri, 2 Sep 2005 18:01:59 +0530

Respected Sir, This is Samikhya here from IBM, kolkata. Every thing is fine here...I am working on a C++ based project now. I must thank NIST for sponsoring me to IIT for my 1 year M.Tech project which helped me a lot to get through IBM. Hence I express my gratitude to NIST and especially to you. Rest is fine. With warm regards, **Samikhya, IBM, Kolkata(M.Tech, 2003 batch, NIST).**

From: "manmath_ray" manmath_ray@indiatimes.com **To:** psmallick@yahoo.com
Date: Tue, 13 Sep 2005 10:24:59 -0400 **Subject:** Respected Sir

Respected Sir, I hope this mail will find you safe and sound. I have started my career in industry. The work at *Jatayu* is very good and based on embedded s/w. The job looks easy for me as I have completed 50% of work in my M.Tech project. Here the work is similar to my M.Tech project work. Now I am in training and trying to join on a team working in java/j2ME. I hope all NISTians will be fine there and enjoying work. Regards, **Manmath, Jatayuu Software, Bangalore(M.Tech, 2003 batch, NIST).**

Date: Sat, 30 Apr 2005 11:02:13 +0530
From: "Susanta Kumar Patro" <patrosk@myw.ltindia.com>
To: psmallick@yahoo.com **Subject:** From susanta

Respected sir, How are you, I am fine here. Hope everything is fine from your side. I have been placed into a H/W project which is on embedded design. Whatever VLSI tools I had learnt in my college, I m doing project on that only, though it is similar still its a higher version. So I get to learn more and more. Our client is JOHNSON CONTROL Inc, US. It's a good company in automotive system design. What about other sirs, hope all will be fine. bye, take care – Susanta, **Susanta Kumar Patro, Graduate Engineer Trainee, mobile no-09886552950, EMSYS, LnT, EXTN-2713, MYSORE.**

From: Debasish.Mishra@iflexsolutions.com **To:** psmallick@yahoo.com
Date: Tue, 29 Mar 2005 10:33:35 +0530 **Subject:** Hello Sir

Dear Sir, Hope my mail finds you in good health and high Spirits. Yesterday I was going through Nist-eNews and was happy to see some of the happy snaps of every NISTian's much awaited cultural program: 'Waves'. These snaps took me to my times when I was once an active participant of Waves some years back. And made me to sing "Koi Lauta de woh Pyare Pyare din". It reminds me of Reddy Sir's put emphasis on Learning DBMS and Oracle or mastering Java or Geetika Mam's Constant Persuasion for development of Communications skills or Sangram Sir's attempt for Perfection in each and every thing we do or Panda Sir's attempt to Conquer the most unachievable or Amalendu's Sir attempt to make us understand to keep our heads cool in time when everything goes wrong or Padhy Sir's attempt to teach us to be careful in each and every step that we take or Suresh Sir attempt to make us understand difficult concepts in Digital Logic systems and of yours trying to put lots of encouragement and inspirations among us so that we can achieve the best. Well time and tide waits for none and students will come and students will go, and Nist family will continue to produce individuals to rule this World. Great to hear to RKD Sir's marriage and Amalendu Sir Returning from US and joining the NIST Family. From the personal side Sir, I have joined Iflex Solutions, Pune one and half months back. Hoping to hear from you soon. Awaiting for positive response from you. Thanks and regards, **Debasish Mishra, Associate Consultant – Prime Sourcing Division – SWIFT Net Solutions Prime Sourcing™. The Global IT Services business from i-flex "Add Value, Reduce Risk" TEL: 91-20-39877000 extn.7393(direct) 91-20-39877393 Mobile: 9850658803.**

Interview

(Here is an Interview of Debasish Mishra, 1998 batch, working in Iflex solutions, Pune)

Hi!!! Preeta, thanks for giving an Opportunity to share some of my memorable moments during my stay at nist. I have attached the Questions and answers in the file. Thanks. **Debasish.**

E-News - To Introduce myself...

Debasish - Hi!! I am Debasish Mishra, hail from the Steel city of Rourkela and an Alumini of 1998-2002 batch of the department of Electronics and Communication Engg. Presently working with Iflex Solutions, Pune as an Associate Consultant in Finance Domain. Presently pursuing my Executive MBA From Symbiosis Institute of Management, Pune.

E-News - Was joining NIST a conscious decision on your part?

Debasish - I Joined NIST in the year 1998. Frankly speaking it was rather my father's decision to join in NIST rather than mine. I wanted to prepare for Orissa Joint Entrance once more, since I felt

that I can get a better rank. My father's apt decision was rather a turning point in my life. The advanced course curriculum at NIST gave me a taste to computers and opened my windows to vast experience of learning. Apart from the regular semester Courses, introduction of extra courses on personality development, added a lots of confidence within me. The Assignments and Projects given to us, made us to burn our midnight oil and now I feel it was worth. NIST family's attempt to make the students technically sound as well having good Personality are the key to our success.

E-News: Can you please share some of your college day's memories?

Debasish - College memories for me are always sweet. I really miss them now and often feel "Koi Lautu de who pyare pyare din...". Memories starts from the hostel rooms with burning of midnight oil to get our Chemistry Assignments submitted in due time. The next day attending to regular lectures with half closed eyes and looking at our watches for the sacred bell to ring so that we could wash our face. Then the most favourite place, i.e., *Sahu Gumti* where we could nourish our taste buds with mouth watering dishes. My memories with Reddy Sir, Panda Sir, Suresh Sir and HN Mudali Sir has been quite Unforgettable. Reddy Sir really helped me to be tough and to face the challenges with confidence. Thus they helped me to get out of my nutshell and to day what I am, is due to their Guidance and help.... Hats off to them and to the NIST Family. My association with some of my old pals like Sagar, Sidhartha and Saikat made me to be technically sound.

E-News - From your experience in the real competitive world do you feel that NISTians are better prepared to face the challenges?

Debasish - Reddy sir's constant perusal of being "A jack of all trades and a Master too" and Geetika Mam's perusal of having a good communication skills are the key of we NISTians to face the Challenges. For every NISTian the taste of Corporate culture starts from day 1 at NIST. Empahsis on a Disciplined life is the utmost mantra of success at NIST. Introduction to a wide variety of Computer courses makes the non CS and IT students to face the challenges of the IT Industry with confidence. NIST's culture of meeting Assignments deadlines makes us to frame our timetable and to understand our Priorities and to give importance to them at a priority basis and the lessons on "as the Going gets tough, the tough gets going" makes us to face the Challenges in a real competitive world with Confidence and with a sense of "Yes!!! We can do it" wins half of the battle.

E-News - What extra efforts did you put in to make it into Iflex Solutions?

Debasish - My stay at NIST had made me to practice the mantra "As the going gets Tough, the Tough gets going and having belief within myself" were essentially the key mantra for cracking Iflex Exam. Thus apart from revising some my already taught computer Courses on Database Management systems and Java and a sound Knowledge of the finance Domain I attained from Symboisis, Pune helped me to crack the Iflex Exam and made it my bread and butter.

E-News - How is the work environment at Iflex? Is it hectic or all right?

Debasish - Iflex as a company is great to Work for. Since it is only working for finance domain, thus it is all about Money and Money and which we all have dreamt of. People here are Technically very sound, very professional and very Strong in Finance Domain. Iflex gives you an opportunity of vast learning experience in the finance world through regular seminars and conferences and have an open culture. I congratulate junior NIST of 2002- 2006 batch and would assure them that they a good exposure to a varied learnings in the finance domain and technology. Life here in IT field is Hectic, for I believe " there are no free lunches in the Corporate World". Well we all have to believe that if we get paid x Amount then we shall be able to generate 10x Amount for the company. Thus Competitiveness is the Driving factor at Iflex and you suitably rewarded for it.

E-News - Some suggestions for your juniors.

Debasish - Well I am too immature to give suggestions. But to add some, You Should feel yourselves lucky to be a part of the NIST growing Family. Practice the Adherence of meeting Assignment deadlines, Try to have good associations with good people, develop the habit to having an inquisitive mind, be truthful to yourselves, practice the key Mantras of NIST well, do your homework well and Keep yourselves open for a vast experience of learning.

Research and Development

Conference Paper

1. **D Jena and G Panda** - Adaptive Neuro-Fuzzy Design of DC Motor Speed Control, Accepted for Publication in the *Proceedings of the International Conference on Computer Applications in Electrical engineering – Recent Advances* to be held at Indian Institute of Technology, Roorkee.

Person of the Month

NISTe_News is happy to announce **Ms Suman Rani Acharya**, Lab Supervisor of Computer Science and Engineering as the Person of this Month. Ms Acharya hails from a respectable family of Berhampur, her mother Smt. Sarojini and father Sri Gangadhar Acharya, both are the State & National level athletic medallist. She is inspired by her parents to be honest and dutiful in all respect. Ms Acharya is Diploma in Computer Science & Engg. from UCP. Engg. School, Berhampur. She has also completed 'O' level & 'A' level course successfully from DOEACC, New Delhi & continuing 'B' level course. Her hobbies are reading articles on IT, dancing, listening to classical songs and music and to get knowledge from the related fields. She has also passed "*Visharada Purna*" exam in *Odissi* dance from *Akhila Bharatiya Gandharba Maha Vidyalaya, Mumbai* with distinction and participated in several State and National programs which brought many laurels to her. She has also performed in Doordarshan channel several times. So far computer science is concerned, her area of interest is on networking, web designing, RDBMS etc. Her aim is to be an exemplary for others and also to preserve the Orissa Culture and heritage. Suman's performance in *Odissi* dance in *Waves-2005* was the point of attraction for entire NIST family.



Ragging at NIST

Interviewed by **Preeta Mohanty, Final Year, B.Tech**

Engineering colleges and ragging are supposed to go hand in hand. It is still the story in most of the engineering colleges. But as usual NIST has been the torchbearer in setting up a ragging free environment conducive for achieving academic excellence. Year after year newcomers have been welcomed by a friendly surrounding with no fear of ragging. To prove our point lets hear it from 2005 batch as to what has been their experience till now.

Sanjeev Kumar (200525034) and **Amit Kumar (200525015)** express quite similar views about ragging at NIST. Both of them are residents of NIST Hostel No 4. According to them ragging is completely non existent in NIST. In fact they feel that there should be a little bit of introductory session so that they can at least have a first hand introduction with the seniors. On a lighter note they are very worried about the fact that since they have not been ragged in their first year, so their chances of ragging their juniors next year is completely out of question. Seems NIST prevents the seniors from ragging the juniors and at the same time passes on the message to the juniors to be aware of ragging when they become seniors.

Lets move on to what the girls have to say about it. **Vijaylaxmi Mohapatra (200520189)** is the resident of NIST Hostel No 2. She seems to be very much impressed by the positive methods used by NIST authorities to counter ragging. Absolutely negligible ragging, dedicated Faculties and very friendly seniors are how she sums up NIST in a sentence. The Disciplinary Committee she feels is very effective. The timetable of the seniors and juniors are so formulated that there is negligible interface between them during college hours. The guards posted around the canteen and other confluence locations are also very effective. Also she states that rather than putting down loads of rules NIST increases the workload so that no body gets the time to think about Ragging.

Quit a positive response from the juniors. Once again NIST has been successful in coming up to the expectations of a ragging free environment at an engineering college.

Dear Sir/Madam,

National Institute of Science and Technology holds the distinction of being the premier engineering institute in the eastern zone. All round development and grooming up complete engineers in all aspects has been and will be the motto of the college. The academically conducive environment is functional in producing technically sound engineers year after year. At the same time extracurricular activities are also given equal encouragement and support so as to help in all round personality development of the student. In the range of such activities comes the annual technical festival that is completely organized by the students-*Sankalp*. It has been a roaring success for the past two years. Continuing with its glorious performance *Sankalp-05* is being organized this year from 29th to 31st of October.

The expected participation will be from 550 colleges all over India. To mark the confluence of technology and cultural various competitions are being organized. Prizes worth Rs.1.2 lakhs will be felicitating the winners of these competitions. Along with students substantial number of academicians from various IITs and industrial experts from companies like Satyam, Infosys etc will be visiting the campus to enlighten the students with their vast store house of knowledge and experience.

Thus its going to be a major production and all this is going to be a purely students effort. So we expect a wholehearted support in this endeavor to make it a complete success. Any contribution in this regard will be highly appreciated and will also find suitable mention in the resplendent Souvenir. We will be glad to furnish any other information as required by you. In anticipation of your support. With warm regards,

For Sankalp Coordination Team, NIST

Gourav Bhuyian, President, ISTE Student's Chapter NIST

Contributions of any denominations are welcome and will be duly highlighted in our Souvenir. However parents who are interested in having their names associated with only the prizewinner of Sankalp-05 are requested to send Cheques/Drafts of the following denominations:

| RISE | TYPE | NUMBERS | DENOMINATIONS |
|-----------------------|-------------|----------------|----------------------|
| 1 st Prize | Grade-I | 10 | Rs. 1,000/- |
| 2 nd Prize | Grade-I | 8 | Rs. 700/- |
| 3 rd Prize | Grade-I | 8 | Rs. 400/- |
| 1 st Prize | Grade-II | 16 | Rs. 600/- |
| 2 nd Prize | Grade-II | 15 | Rs. 300/- |
| 3 rd Prize | Grade-II | 12 | Rs. 200/- |

Please address your cheques/demand drafts to:

ISTE Students' Chapter, NIST

Payable at Indian Overseas Bank, convenience Golanthra (Bank code:917)

Contact numbers: Salmol: 09861088335, Lipsa: 09937423808

ISTE Student's Chapter, NIST, Palur Hills, Berhampur – 761008, Orissa.

Website Address: <http://www.nistinfo.com/sankalp>

Email: helpline_sankalp@gmail.com.