

Message from the Director



The big event of the last week was the first semester examinations of the Biju Patnaik University of Technology. This examination was unprecedented in its scope with far reaching consequences for technical education in Orissa. For the first time students of all 37 engineering colleges of Orissa had the same question paper and will have uniform evaluation. While volumes have been spoken about the "unexpectedness" and "severity" of the questions in some of the papers; I would only comment - it is high time we pulled up our socks and start expecting the unexpected. As an institute committed to quality we stand firmly behind our students and faculty as we strive to reach for excellence. I welcome suggestions from students and parents to further streamline our academic processes.

On a completely different note, we mourn the loss of Satyendra Dubey, the brilliant civil engineer from IIT, Kanpur, who lost his life while battling the corruption so endemic in our country. The anger of our students, staff and faculty (many of whom are from IIT, Kanpur) in this regard is understandable and we hope the sense of outrage from all over the country will force the government to protect the honest against the corrupt *mafia*. One man's battle and his untimely death is a grave reminder that closing our eyes to the menace of corruption is untenable. We have to take this fight to its logical conclusion whatever maybe the costs.

Decemeber 15, 2003

(Sangram Mudali)

Message from the Editor

The cultural program organised by SPIC MACAY group of NIST gave a welcome break to all from their hectic schedules. The superb performance of Ms. Susmita Banerjee, the renowned *Kathak* dancer and Ms. Mithali Chinara, the renowned singer transported us to a different world altogether. In the last few months we have seen a number of groups and clubs organize their events. The ISTE members, NSS group, SPIC MACAY group, Robotics Club, Entrepreneurship Club, IEEE (India) members, etc., have organized a few events already. Students must participate in these extra curricular activities as it is necessary for the complete development of one's personality. It also helps to expose hidden talent and broaden the mind. I hope to see more participation from students in these events. Anyone interested in a Chess Club or a Debating Club?

Lastly, I would like to convey my heartiest wishes on the eve of **Christmas** and the **New Year 2004**. I hope the year 2004 will bring lots of success and enjoyment to all NISTians.

December 15, 2003

(Partha S Mallick)

Our Student Representatives

Aruna Kr Tripathy, Manoranjan Jena, Bijoy Shekhar Shroff, Sunita Panigrahi, Sudhansu Sekhar Sadangi, Vivekananda Dora

Letters to the Editor

Date: 15 Nov 2003 10:31:09 -0000

From: "nihar ranjan behera" <nihar149@rediffmail.com

To: psmallick@yahoo.com

Subject: thank u sir

Dear Sir, Please convey my regards to others. Now I am at ZITT campus, 186 Lloyods road, Royapethha, Chennai, doing my *Net-Pro Certification Training*. I am happy to see *nist.edu* site that college is providing CCNA, CCNP certification. Here I meet lots of NIST seniors working in very good companies in Chennai. I want to be a part of *nist e-news* and I want to work as one of its *Alumni Representative*. I will provide you interview of our 1996,1997,1998,1999 students very soon. Regards. **Nihar Ranjan Behera, EC199918149, MOBILE NO- 09884240921.**

**Placement of the Last Month
(November 15 - December 15)**

Name	Batch	Name of the Company
1. Subrat Panda	1998-02	Wipro Technologies
2. Seemant Panda	1998-02	Wipro Technologies
3. Vedabyas Chaini	1998-02	Churchil Software
4. Sanjeeta Jesthi	1998-02	Wipro Technologies
5. Smruti Kanta Mohapatra	1998-02	Lucent Technologies
6. Arya K Vedabrata	1999-03	Kanbay Software
7. Braja G Mohapatra	1999-03	Kanbay Software
8. Shrabani Patra	1999-03	Kanbay Software
9. Suman K Nanda	1999-03	Kanbay Software
10. Raghu Nandan Mohanty	1999-03	Kanbay Software
11. Navin Kumar	1999-03	Kanbay Software
12. Sunayana Sarangi	1999-03	Kanbay Software
13. Suchismita Nayak	1999-03	Kanbay Software
14. Debasish Patra	1999-03	Kanbay Software
15. Smita Priyadarshini Mallic	1998-02	TCS
16. Tyaga Bhusan Pati	1998-02	TCS
17. Prachet Ranjan Mohanty	1998-02	Satyam
18. Sanghamitra Guru	1998-02	ABN AMRO Bank
19. Atul Chhoda	1999-03	Infosys
20. Asirbad Mohanty	1998-02	Mecon Ltd, Ranchi
21. Manoj Joshi	1998-02	Mecon Ltd, Ranchi
22. Sagar Mohanty	1998-02	Convergys (CCNA Engineer)
23. Satyabrata Behera	1998-02	Wipro Spectramind
24. Sandeep Singh	1999-03	Infosys
25. Akash Kamal Swain	1999-03	Infosys
26. Rajesh Samantaray	1999-03	Infosys
27. Santosh Nayak	1999-03	Infosys
28. Swati Padhi	1998-02	Satyam
29. Susant Kumar Deo	1999-03	Infosys
30. Shyam Ranjan Padhy	1998-02	Kobian

Special News

NRC at Beach Festival

NIST Robotics Club(NRC) participated in the Gopalpur Beach Festival, which was held from 6/12/2003 to 10/12/2003 at Gopalpur. On the inaugural day Shri. Surya Narayan



Patra, Hon'ble Minister for Energy and Shri Damodar Rout, Hon'ble Minister for Panchayat Raj were received by Prof. Arun Patnaik and both the Honorable Ministers showed a lot of interest while visiting our stall. There were



a number of interesting items on display such as: Robotic Arm (configured by using six servo motors to prepare tea), a Wall Climber (designed with two servo motors and one touch sensor to climb a grid), a PC based Robot Bulldozer, a image mixing using digital camera & web camera in real time environment, a touch screen computer monitor, etc. Our stall was the center of attraction in the entire festival as this had the most advanced and futuristic technology. More than one lakh visitors trooped through our stall.

NIST Welcomes You...

We welcome **Mr. Pallab Kumar Kar** who joined us this month in the dept of Mathematics. Mr. Kar is an M.Sc (Mathematics) and M.Phil from Berhampur University. The title of his M.Phil dissertation is



Qualitative study of First order Functional Differential equations. His research interest is in the area of *Functional differential*

equation. He has worked as a Lecturer of Mathematics in the Dept of Mathematics at Jagannath Institute of Tech & Management, Parlekhemundi, for the last 6 years.

Get-together organized by NIST Alumni Chapter, Bangalore

A get together of NIST Alumni members was organized in Bangalore during the recent visit of our Dean Dr Ajit K Panda. The second NIST Alumni chapter was inaugurated officially at Bangalore. Around 45 students were present in the meeting. Mr. Debabrata Parida of 1996-2000 batch will be officiating as President, Mr Bapi Dash of 1997-2000 batch as Secretary and Ms. Reshma Rout of the same batch as the Treasurer. We wish all success to the NIST Alumni, Bangalore chapter.

Blood Donation Camp at NIST

National Service Scheme (NSS), NIST organised a Blood Donation Camp at NIST



on November 15, 2003 in association with Red Cross Soc. and MKCG Medical College. A total

of 259 NISTians donated blood on that day which was the highest collection from a college in entire Orissa as per the Medical Team of Blood Bank. We thank the NSS Coordinator, all blood donors and NSS volunteers for this heartwarming gesture.

NIST Faculty attend HRD Program

Indian Heritage Academy, Bangalore, conducted a Human Resource Development Programme at Bhubaneswar on November 22-26, 2003. This programme was organised by Biju Patnaik University of Technology, Rourkela and sponsored by AICTE, New Delhi. Prof. N. S. Ramaswamy, Chairperson of Indian Heritage Academy and Prof M. S. Pillai conducted the five-day workshop. Prof. Ramaswamy is the Founder Director of Indian Institute of Management (IIM) Bangalore and ex- Director of MITIE,

Bombay. Prof. Arun Kumar Patnaik and Dr. Arun Padhy attended this workshop. Prof. N. S. Ramaswamy also visited NIST on November 27, 2003 and presented a seminar on the same.

Obituary

NISTians mourn the sudden untimely demise of Prof. Dasarathi Mishra of Berhampur University who died on November 9, 2003 due to a sudden mishap when he visited Tejpur University as a visiting faculty. Prof. Mishra has visited NIST on numerous occasions. In April '03 he was invited by NIST to give a talk on: *War on IRAQ - beginning of World War III?* He is originally from Khandapada (Nayagarh), joined Berhampur University in the year 1979 as lecturer and became Prof. in 1994. He has significant contribution in Adult Education, and Woman Studies.



Namaskar

Pradeep Patjoshi, UNICEF Coordinator

Namaskar means "Salutation"

It means "Greetings"

It means "Good Morning"

It means "Good Afternoon"

It means "Good Evening"

It means "Good Night"

It means "Welcome"

It means " 'We' not 'I' "

It means "I bow down before you"

It means "You are my Teacher"

It means "I learnt a lot from you"

It means "You are wonderful"

It means "I enjoyed your company"

It means "Participation"

It means "Learning"

It means "CCA : Complete Change of Attitude"

It means "Everything that is good and positive"

It means "May I help you?"

It means "We shall do wonderful things together"

It means "We shall do things differently"

It means "We shall be friends"

It means "It is a beautiful world"

It means "We shall meet again"

It means "We shall be friends forever"

It means "Thank You"

And most of all, "Namaskar" means, "Self-Reform"

General News

New Appointment

We welcome Mr. Kabiraj Sahu, Ms. Madhusmita Panda, Mr. Babu Barik, Mr. Sunil Panigrahi who joined us on November 24, 2003 as Lab Supervisors in Electronics, Electrical, and Instrumentation Labs.

Student's Corner

They made the difference

The following student poster papers from NIST were selected for publication in the International Conference on Information Technology (CIT 2003) to be held from December 22-25, 2003 at Hotel Swosti Plaza, Bhubaneswar.

1. *Free space Communication using LASERS – a viable broadband alternative –* **Bijoy Shekhar Shroff and Anit Kumar Sahu**, 4th Year.

2. *Moletronics – An invisible Technology,* **Antaniksh Kar**, 4th Year.

3. *Intelligent Networks,* **Gaurav Pattnaik and Chandra Sekhar Das**, 4th Year.

CONGRATS!! Chinmaya K Pattnaik

Chinmaya K Pattnaik of 4th year was awarded the **Sports Talent Scholarship** by the Department of Sports and Youth Services of Government of Orissa for his exemplary performance and contribution in sports and extracurricular activities.

Life's little but beautiful rules!!

Collected by Prabira K Samanta, M.Tech.

BORSTELMANN'S RULE : If everything seems to be coming your way, you are probably in the wrong lane!

DAVIS'S DICTUM : Problems that come away by themselves come back by themselves.

GRIZZARD'S DISCOVERY: Regardless of what you achieve in your life, the size of your funeral is still going to be determined by the weather of the day!

NUTTER'S DICTUM: Good judgement comes from experience, and experience comes from bad judgement!

TOWNSEND'S LAW OF LIFE: Everybody wants to go to heaven, but nobody wants to die.

ARMOR'S AXIOM OF MORALITY: Virtue is the failure to achieve vice!

CALLUM'S ADVICE: Find out what you do not do well; then do not do it.

NORVELL'S REMINDER: If you want to be remembered, do one thing superbly well.

GANDHI'S OBSERVATION: There is more to life than increasing its speed.

BARBARA'S LAW OF EXPLOITATION: You can not be treated like a doormat if you don't lie down.

BEAURGARD'S LAW: When you are upto your nose, keep your mouth shut!

JACOBY'S LAW: The more intelligent and competent a woman is in her adult life, the less likely she's to have received an adequate amount of romantic attention in adolescence.

JUMP'S DISCOVERY: Life is a lot like golf; you drive hard to get to the green, and then you end up in the hole!

TIM'S ADMONITION: No one can choose you if you don't run.

APPROVAL SEEKER'S LAW: Those whose approval you seek the most give you the least

Thanks God Priyadarshi Sadangi

I asked for strength and
God gave me,
difficulties to make me strong.

I asked for wisdom and
God gave me,

problems to solve.

I asked for courage and
God gave me,
danger to overcome.

I asked for love and
God gave me,
troubled people to help.

Three Things

N. Rudra P Das, Final year

Three things never wait for anyone,
Time, Death and Customer.

Three things achieved once in a life,
Mother, Father and Youth.

Three things never return once left,
Arrow from the Bow, a Word and Life.

Remember three things to be successful,
Education, Struggle and Patience.

Three things not to forget,
Credit, Responsibility and Disease.

Always respect three things,
Mother, Father and Teacher.

Always be kind of these three,
Child, Mendicant and Mad.

NISTians achievement

Ashok Choudhary & Nikhil Kumar of 4th Semester have been selected for the Berhampur University selection-cum Coaching camp in Cricket held at G.I.E.T., Gunupur on December 12, 2003. After the final selection, they will play for the Berhampur University Cricket team at the Inter-University match to be held at R.S.University, Raipur.

Career Corner

Some International Job Sites, Pramod Prusty(DSP Lab)

AfricaJobs.com, AfricaJobsite.com, AmsterdamJobs.com, ArgentinaJobs.com,
 AustraliaJobsite.com, AustriaJobs.com, BelgiumJobs.com, BerlinJobs.com,
 BrusselsJobsite.com, BuenosAiresJobs.com, BuenosaireJobsite.com, ColumbiaJobsite.com,
 EnglandJobs.com, FinlandJobs.com, FranceJobs.com, GermanyJobsite.com,
 GreatBritainJobs.com, HongkongJobsite.com, IndiaJobsite.com, IrelandJobs.com,
 IsraelJobs.com, IsraelJobsite.com, ItalyJobs.com, JapanJobsite.com, KoreaJobsite.com,
 MexicoJobs.com, MexicoJobsite.com, MunichJobs.com, NetherlandsJobsite.com,
 PakistanJobs.com, ParisJobsite.com, PolandJobs.com, PortugalJobs.com

Knowledge Teasers

Kushal Bhut & Manmit Singh, 3rd Year

1. Which animal is the largest member of the Pig family?
2. Captain Haddock is the President of an organization called SSS. What does SSS stand for?
3. What is the Full name of Mahatma Gandhi?
4. Which company started by Finnish engineer Fredrik Idestam as a wood pulp mill and paper manufacturing and then changed itself to a telecom major?
5. The road outside the *Chicago Art Institute* was originally called *Michigan Avenue*. Now it has been renamed after an Indian. Who is he?
6. In 1979, the Nobel Prize winners for medicine Sir Geoffrey Hounsfield and Allan Cormack were neither doctors nor physiologists. Why were they then awarded the Nobel Prize?
7. Name the mascot of Asian Paints created by R. K. Lakshman?
8. Expand JAIN (TV)?
9. *Dus Capital* written by whom?
10. *Begam Khaleda Zia* is the Prime Minister of which country?

Send your ANSWER by January 10, 2004. Names will be published in the next issue.

(This time we did not get good response. Among the responses no one was able to provide all the 10 correct answers. Answers with Questions are given below).

1. Name the brothers whose first names were James and William who made the first milk supplement using malted barley and wheat flour?(James Horlicks & William Horlicks)
2. The medieval dynasty of Yelahanka Prabhus is said to have founded the city in 1537?(Bangalore)
3. Which Corp. was built by Tushar Jani, Clyde Cooper & Kushroo Dubash?(Blue Dart Express)
4. Which multinational owns the brands Georgia(Ice Coffee) and Aquaris(Isotonic drink)?(Coca-Cola)
5. With whom Sabeer Bhatia co-founded the famous e-mail S/W technology *Hotmail*?(Jack Smith)
6. Which Indian technocrat is associated with *teamon.com*, *neomeo.com*, *responses.com*, *highku.com* and Navin Mail, a voice mail service?(Sabeer Bhatia)
7. What is 3 wheeler that you can drive without a license according to Indian Gov.?(The Road Roller)
8. Which international corporate has 42 dots in its logo?(Sony)
9. Reykjavik is the capital of which country?(Iceland)
10. Which is the most famous publication of the company Bennett and Coleman?(The Times of India)



SPIC MACAY at NIST
Prof. Arun K Patnaik

SPICMACAY- Society for Promotion of Indian Classical Music and Culture amongst Youth, is a premier NGO, dedicated to this cause has come forward to help, arrange, conduct of cultural programmes in various Institution where maestros in the field of music, dance, drama and perform different programmes. In Orissa, it has its centre at XIMB, Bhubaneswar and we are privileged to have it in our campus. A SPICMACAY Cultural programme was organised in our Institute on



2003
renowned



December 01, evening. The *Kathak* dancer Singer Ms. International audience were they had in their by the audience.

Ms. Sushmita Banerjee and Classical Mithali Chinara, both of National & repute performed on stage and the spell bound by the mesmerizing power art. Both were very highly appreciated

At the beginning of the show Ms. Neha Patnaik and Ms. Sweta Acharya of 3rd Semester gave the welcome speech which was followed by Mr. Partha Sarathi Nayak, 4th Semester who gave the vote of thanks. Dr. Ajit Panda lighted the *Diya* to start the function.

Current Affairs
Vivekananda Dora
J Srinath Calls it a Day

November 11: Javagal Srinath bid adieu to international cricket bringing to an end the career of one of the fastest bowlers in the country. He took 236 wickets in tests and 350 in ODI's.

Reliance Pays up Rs. 1542Crore

November 12: Reliance paid Rs. 1542 crores to the Govt. to migrate to a new telecom licensing regime that would allow its WLL-M or limited mobility services to be converted into a full cellular service.

India's own Military Base

November 12: *Ayni*, India's first ever military base in a foreign country, is an airbase that lies 10Kms NE of the Tajikistan's capital Dushanbe.

Common-Wealth Games in India

November 13: India last minute offer of \$7.2million for training athletes tilted the scales in its favour as New Delhi won the bid to host the 2010 Common Wealth Games.

TVS Cricket Cup

November 18: Australia won the TVS cup defeating India in the finals at Eden Garden, Kolkata by 37 runs.

Airtel announces Edge

November 20: *Airtel* announces the introduction of EDGE - Enhanced Data rate for Global Evolution- technology that can beat CDMA in data transferring.

CAT Exam postponed

November 23: The common admission test (CAT) which was cancelled following a question paper leak, will now be conducted on FEB 15th, 2004, and the new session will begin in June. The CBI has arrested six persons from Patna and New Delhi including the alleged kingpin Dr. Ranjit Kumar in connection with the scam.

Research and Development

Research Paper

1. **SK Upadhyay** and **SR Samantaray**, *Voltage Sag: An important aspect of Power Quality*, Published in *Electrical India*, Vol. **43**, No16, December 2003.

Conference Paper

1. **KC Sahoo**, **Suchismita Nayak** and **A K Panda**, *Potentiality of SiC as IMPATTs –* Published in the Proceedings of *National Symposium on Advances in Microwaves and Lightwaves* held on October 13-14, 2003 at University of Delhi, South Campus, N. Delhi.
2. **Rowdra Ghatak**, **TS Ravi Kanth**, **Subrat K. Dash**, *Revisiting Radio Propagation Predictions for a Proposed Cellular System in Berhampur City –* Accepted for Publication in the Proceedings of *National Conference on Communications-2004(NCC-2004)* to be held at IISc, Bangalore on January 5-6, 2004.
3. **K. C. Sahoo** and **A. K. Panda**, *Velocity Overshoot 2D-effect in GaN based submicron Device*, Accepted for Publication in the Proceedings of the *International Conference on Communication, Devices and Intelligent Systems* to be held at Kolkata on Jan. 8-10, 2004.
4. **Dutikrushna Panda** and **P S Mallick**, *Empirical relations for the field dependence of electron mobility for the Electron transport in some futuristic optoelectronic materials*, Accepted for Publication in the Proceedings of the *International Conference on Communication, Devices and Intelligent Systems* to be held at Kolkata on Jan. 8-10, 2004.

NISTians Innovations...

- **Prof. SK Upadhyay** and **SR Samantaray** published their elaborate and comprehensive study on *Voltage sag - an important aspect of power quality* in the *Electrical India*, Vol. **43**, No16, December 2003. The power quality engineering has been a topic of interest from the inception of power engineering field. Deregulation of power industry has made power quality a distinguishing feature of distribution service. Losses under transmission and distribution systems have come under greater scrutiny in recent years. Also certain types of power quality degradation results in losses. For all these reasons power quality has become a vital topic in power engg. today what they discussed in detail in their paper.
- **Mr. KC Sahoo**, **Ms. Suchismita Nayak** and **Dr AK Panda** worked on SiC-based IMPATTs. They have shown that the SiC-based IMPATTs are potential candidates for replacing traditional IMPATTs at high frequency of operation. They have also concluded that the noise of SiC-based IMPATTs is less than that of GaN-based IMPATTs. Their work was published in the Proceedings of *National Symposium on Advances in Microwaves and Lightwaves* held on October 13-14, 2003 at University of Delhi.
- **Mr K. C. Sahoo** and **Dr A. K. Panda** also worked on GaN based submicron devices using ensemble Monte Carlo simulation technique to obtain the transport properties of GaN, in particular, electric field at 300⁰K to show the 2D effect in wurtzite GaN-based submicron devices. They found some interesting results and the work was accepted for publication in the Proceedings of the *International Conference on Communication, Devices and Intelligent Systems (CODIS-2004)* to be held at Kolkata on Jan. 8-10, 2004.
- **Mr Rowdra Ghatak** and 1999-03 batch student **TS Ravi Kanth**, **Subrat K. Dash** worked on *Radio Propagation Predictions for Cellular System*. They presented a judicious method for planning the inclusion of radio propagation models in Berhampur. They used the empirical model COST 231 project to give an increased RSL (Received Signal Level) at the MS (Mobile station). Case sensitive programs have been written and

the results generated have been used to plot the radiation pattern and scatter plots. Their proposed system architecture and the propagation prediction can benefit the service providers. This work was accepted for Publication in the Proceedings of *National Conference on Communications-2004*(organised by joined Telematics group of IIT, Madras and IISc Bangalore) to be held at IISc, Bangalore on Jan. 5-6, 2004.

- **Dutikrushna Panda** and **P S Mallick** worked on the electron mobility calculation using MC Technique. They have shown that the same results can be obtained using some empirical relations which can save computer simulation time. It is observed that the mobility values calculated by using these simple power law relations yield values that show agreement within 5% with those obtained from the detailed Monte Carlo simulation technique. It is concluded that these empirical relations can be used effectively for a quick estimation of mobility values as a check on experiments and also as sufficiently accurate formulae for simulation and modelling purposes. The work was accepted for publication in the Proceedings of the *International Conference on Communication, Devices and Intelligent Systems (CODIS-2004)* to be held at Kolkata on January 8-10, 2003.

ISTE Lecture Series.....

- **Prof. Subhas Mahapatra**, President, IAFF (USA), presented a seminar on *Role and Scope of Biotechnology in Engineering*. The seminar was attended by our faculty members and research students. Faculty members also discussed about their individual research areas. He urged NIST faculty members to share their research activities for his projects both in Orissa and in USA.
- **Prof. N. S. Ramaswamy**, (retired founder Director of Indian Institute of Management, Bangalore) presented a seminar on Human Resource Developemnt. The seminar was attended by faculty members, students and staff. He also met faculty members separately & inspired them to follow Ind. spiritual values in each & every aspect of their lives.
- **Maj General R S Bains**, Managing Director, SouthCo, Berhampur and **Er. B N Ray**, General Manager, SOUTHCO presented a Seminar on *Power Sector Reforms in Orissa* on December 4, 2003. Maj. Gen Bains focussed on the need for power sector reforms, the objectives of the reforms and the problems being faced during implementation. He spoke at length on the role of the Regulatory Commission, the role of the Government for carrying out the reform process. Generation, transmission and distribution have been unbundled and separate corporations have been formed for hydro and thermal power generation. Transmission has been kept with GRIDCO and distribution has been awarded to BSES for NESCO, SOUTHCO and WESCO. Mr. Bains spoke about different indices such as units purchased, units billed, revenue collected, etc. He opined that the Aggregate Technical and Commercial(AT&C) loss which is around 52% is being planned to be brought down to 25% over a period of time. He explained about the difficulties being faced by Southco without government subsidy. He also touched upon the findings of Kanungo Committee, which studied the reform process in Orissa and the new Electricity Act, 2003. Mr Ray answered a number of questions on *Southco* and other power related problems. NIST faculty, Prof. S K Upadhyay conducted the seminar and delivered the vote of thanks. Dr. A K Panda, Dean of NIST presided over the function and gave the welcome Address.
- **Dr. P C Das**, retired Professor of Mathematics, of IIT, Kanpur presented a Seminar on *Introduction to Wavelets: A new paradigm for signal Processing* on December 12, 2003. He explained clearly various *Wavelets, their research Potentials and their Application*. Prof. SK Upadhyaya conducted the seminar.

Future Technology

GPRS enabled mobile phone

There are notably good hand sets available today with built-in GPRS modem and USB cord to connect to the computer. General Packet Radio Services (GPRS) is a packet based wireless communication service that promises data rates from 56 up to 114 Kbps and continuous connection to the internet for the mobile phone and computer users. The higher data rates will allow users to take part in videoconferences and interact with multimedia websites and similar applications using mobile handheld devices as well as notebook computers. GPRS is based on Global System for Mobile (GSM) communication and will complement existing services such as circuit-switched cellular phone connections and short Message Services (SMS). Motorola C350 gives a consistent connection on a GPRS network. It comes with a modem and USB connection to the computer. Reliance also provides Internet through Code Division Multiple Access (CDMA), which is based on wideband CDMA. WCDMA is a third generation (3G) mobile wireless technology offering much higher data speeds to mobile and portable wireless devices than commonly offered in today's market (The New Indian Express, December 12, 2003).

Workshop on Stress Management

A two days workshop on stress management titled *Enjoy Longer Life* was conducted by



Prof. Arun K Patnaik

Maharshi Dr. Yogiraj popularly known as *Health Guru* on November 15-16, 2003 at Hyderabad. He uses Yoga, Spirituality, Holistic & Integrated medicines. Our Placement Director Ms. Geetika Mudali, Prof. Arun Kumar Patnaik, Prof. Santosh K Upadhyaya and Ms. Basanti Patro attended this workshop from NIST. Dr. Yogiraj has lectured several times in Europe & USA and has

conducted many such programmes in different parts of India. He is assisted by a team of highly qualified and experienced doctors belonging to disciplines of Allopathy, Homeopathy, Ayurveda, Naturopathy, Yoga & Meditation. This programme mostly covered topics like Re-programme your mind for health & longevity, practical tips for stress management, demonstration on *yogasanas* for positive health etc. This programme is also very helpful in day to day life.

It is essential that students should acquire an understanding of and a lively feeling for values. He must acquire a vivid sense of the beautiful, and of the morally good. Otherwise he-with his specialized knowledge-more closely resembles a well-trained dog than a harmoniously developed person ----- Albert Einstein

Question of the Month

Do you think that BPUT is on the right track for implementing "Quality Engineering Education" in Orissa? YES/NO

Send your answers with a short reason to the Editor at niste_news@yahoo.com. Results will be published in the next issue.

Last Month's Poll

The Question of the last month was "Is the Press in India really free?" We have received a number of responses. Here are some of them...

From: Mr B K Dash, Faculty, NIST

Yes, Press in India is free to publish any news but sometimes media misuses its power given by the constitution for its own personal reason or to earn money or to work for a particular group/political party. Sometimes with the interference of judiciary, it has apologized to the concerned person or organization. As the fourth pillar of our constitution, it should be more responsible to serve society and to work for the common people.

From: "silki priyadarshani" <priyadarshanisilki@rediffmail.com>

Sir, In my point of view, the press in India is not totally free, because, the press people are under the pressure of politicians and the rich people of the society. Also who wants to work honestly ? They are purchased by politicians directly or indirectly. Most of the press people find their own interests rather than the country's.

From: Sudhansu Shadangi, MCA 2nd year <sudhansu_sadangi@yahoo.com>

Yes, the press in India is free. I like to mention here that the press is not only free, they are very powerful. But indirectly that power is of ours. Because they are saying for mankind. We have seen many times that Govt. and even Supreme Court supports the press.

Alumni Page

Wedding Bells for NIST Alumni

Mr Shom P Das(1996 batch), presently working at TCS, Kolkata, tied the knot with **Ms Niyati** on December 14, 2003 at Jatni Town Hall Club. Who will forget the eye-catching procession and wonderful dance performances by NIST faculty members and Staff ?

Mr Manoranjan Mishra(1996 batch), presently working at REI Systems USA, tied the knot with **Ms. Rajni** on November 29, 2003 at Tirupati. Many NISTians attended the Reception and enjoyed themselves.

Mr Pragnajit Mohanty(1996 batch), the first admitted student of NIST, presently working at Satyam, Hyderabad got married to **Ms. Samita Bhuyan**, another NISTian of the same batch who is presently working at REI Systems, USA. The marriage function held on December 3, 2003 and was attended by many NISTians at Bhubaneswar.

From: "amar prusty" <amarprusty@hotmail.com>

To: smudali@hotmail.com

Subject: Infosys-Amar

Date: Tue, 25 Nov 2003 00:04:35 +0530

Hello Sir, I have a good news here, I am joining Infosys Bangalore as a System Engineer in the Network Support division on Dec-8th. I am really grateful for the help and support given by you during the bad phase of my study life. There is a good future in Technical Support for BE's who are good in communication skills along with a keen interest in hardware and networking. MNC's like Convergys, Wipro Spectramind, Hughes, Daksh, Customers are short of good technical manpower. General graduates are not able to handle the pressure of core technical processes like Cisco, HP, Compaq, Netgear, Linksys. I will keep in touch as I have always done. Regards, **Amar Prusty, Cell#011-35370278**

From: mrunmoy samal <mrunmoy@yahoo.com>

To: geetika_nist@hotmail.com, smudali@hotmail.com, akpanda62@hotmail.com, ravipreddy@yahoo.com

Subject: Success

Date: Sun, 23 Nov 2003 03:57:42 -0800 (PST)

Sir, I am very happy to inform you all that I have succeeded in my first attempt to get placed at INFOSYS Tech., B'lore as Soft Engineer. This wouldn't have been possible if I had not been studying in NIST. Really NIST was a turning point in my life. I would take this golden opportunity to thank you all the sweet family of NIST for making me this capable to be here in life. It was really a great time at NIST. Here we have to work for at least 8.5 hrs per day and I think that if we remove the label *Infosys* and write it as *NIST* it would make no difference. Everything is just the same. Thank you again. Regards. **Mrunmoy**

Interview

Here is an Interview of Mr Sandeep K Dash, our 1996 batch student, now working with Iflex solutions Ltd., Chennai as an Associate Consultant.

From : sandeep.dash@iflexsolutions.com

To: Sunita Panigrahi, NISTe-News Student's Representative

Enews: Please a few lines about yourself...

Sandeep: I am Sandeep Ku Dash of 1996 batch. I am a very self confident and lively person, always eager to learn new things.

Enews: About your present job...

Sandeep: I am now working as an Associate Consultant in *Iflex solutions Ltd., Chennai*. I am here in this company for almost 2 and a half years. After joining in Bangalore, I was transferred for my project work here to Chennai. I am working in a financial and banking based company where its flagship banking product, FLEXCUBE is rated #1 in the world.

Enews: From your NIST memories....

Sandeep: Of course, it was the place where it all started and I would really thank all the faculty members and the administration to help us in reaching our goals. We do have batchmate mail group wherein we, the first batch of NIST 2000, are in touch with each other.

Enews: How did you reach here..

Sandeep: It all started after the final semester, I decided to come down to Bangalore to give the walk-ins. The market was booming during that time Nov-2000 to Mar-2003, though I got in some other companies, finally decided to join in IFLEX SOLUTIONS.

Enews: Suggestions to your juniors...

Sandeep: Always be confident on yourself and try to learn, learn and learn.... Remember, learning is a never ending process and utilize as much as you can from NIST as you won't get a better start in your career anywhere. All the very best to all the NISTians.

Person of the Month

The person of the month is Surendra Muduli (Bulu), a staff member of the Facilities Department since 1997. He is the 3rd son of Mr Ramesh Chandra Muduli and Mrs. Subhadra Muduli. Surendra is presently working in the maintenance of Water Supply on the campus. He is originally from the village Analadiha of Bhadrak and he completed his schooling from Gopabandhu Nagar High School, Bhadrak. He is a very known face



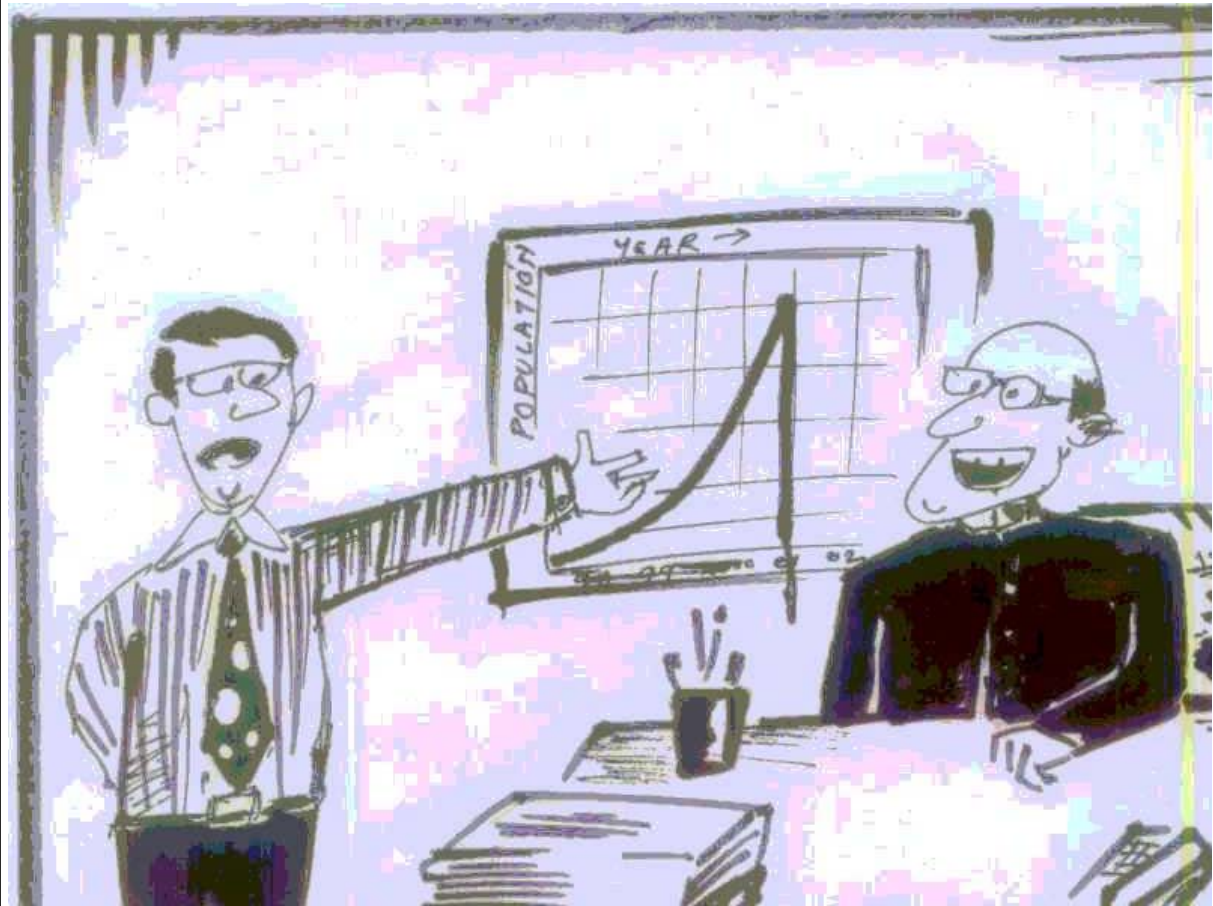
**He is
our
Bulu**

among all the staff and faculty members. He spends his free time listening to Oriya Songs and chatting with friends. He often volunteers to distribute sweets in the Institute on many "good news" occasions. He is blessed with a rare infectious smile, an immense capacity for hard work and dedication to NIST.

In the next issue....

- **BE project – 2003 Report**
- **NIST Robotics Club**
- **GATE 2003 – Student's Feedback**
- **Person of the month**
- **many other news, as usual**

We are stunned at the murder of Er. Satyendra Dubey who sacrificed his life to fight against Corruption. We want an independent CBI inquiry free from any political influence.



No reason to be happy. That is not heavy fall in population sir. Ink leaked from Marker while drawing ----- Amit K Sahoo, ECE

Have anything to say about us????

----- Mail at niste_news@yahoo.com

We are all born with a divine fire in us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness. --- APJ Abdul Kalam

Do You Know?

Orissa is the east zone Champions? Orissa on Tuesday, December 9, 2003, became Champion in the East Zone under-19 *Cricket Tournament* for the MA Chidambaram trophy beating West Bengal by Six Wickets in a low scoring limited over league match.

Highlights of December 2002

This is another new Column to recollect the memories of this month of last year. Feedback Please

- **Director's Award for BE Project:** BE Project of Mr. Naveen T Vargheese, Mr Gopal Shah, Mr Ritwik Sanyal and G. Prasant Kiran titled "*Linux-based Cluster Computing*" bagged the first prize. The 2nd prize was own by Mr Surya Narayan Sabat and Mr Debashish Das for their project titled "*Design of 16-bit CMOS Static RAM using Tanner Tools*". Mr. George Biswal and Ms Anusha Mahapatra received the 3rd prize for their project titled "Frequency response identification of structure of non-linear systems".
- NIST donated PC to Berhampur Circle Jail.
- 1999 batch student, Kailash Kr Pradhan was the Person of the Month
- Our Students Roshan Kumar Ganatra and Neena Agarwal of 1999batch got the FIRST and 8th prize in IT-Olympiad.

***NISTe-News wishes
you all Happiness and
Success for the coming
New Year 2004.***

Wanted

- Student representative from 2002 and 2003 batch.
Contact Editor by December 31, 2003 – **NISTe_News**

*The next issue will be published on January 15, 2004. Send your message on or before January 10, 2004 to niste_News@yahoo.com.
Thanks. ----- NISTe_news*