

Message from the Director



The sudden demise of Siva Sankar Bishoyi (2001 batch) in a tragic accident has cast a pall of gloom among NISTians. Friends, family, faculty and staff all grieve for his untimely death. We mourn for the tragic loss.

The big news this month is the scheduled launch of the NIST Center of Excellence at Bhubaneswar. This center is presently offering the GATE 2003 Preparatory Course. This is perhaps for the first time in India that an Institute is taking herculean efforts to prepare students for the "highly competitive" GATE examinations. More than one lakh students take the GATE exams for the few seats available for Post Graduate Studies in IITs, IISc and RECs. I congratulate all NIST faculty who have risen to accept this challenge and wish them all success in their endeavor. Prof Santosh K Upadhyay is leading the GATE 2003 team.

The NIST Center for Excellence will showcase the best and brightest of NIST's Research and Development efforts in all of Orissa. It will provide a R&D ambience for budding engineers to work alongside industry professionals in emerging areas of science & technology. Highly focussed industry and employment oriented courses for working professionals, students, teachers, companies, etc., will be offered in the Center.

On a lighter vein; Sagar Sahu (1998 batch) with a top GRE score of 2270 has beaten the score of Dr. Reddy (2240). Congratulations, Sagar!

September 15, 2002

Sangram Mudali

Message from the Editor

First of all I would like to WELCOME the students of 2003 batch. All the best to all of you.

In my last issue I discussed about the role of DISCIPLINE in our life. Today I would like to bring you something, which is equally important for being successful. Well I am talking about the habit of "**Reading books**". Reading habit is something, which is very essential in order to sharpen our minds, to develop depth and breadth of knowledge and be up-to-date with what is going on all around the world.

It has been found that many students have the tendency to xerox notes rather than preparing it themselves. Either they go for 'Photocopy' or for notes prepared by others. This tendency is growing simply because in order to make notes one has to read a number of books. But unfortunately they don't understand that when one is reading to prepare his notes, at the same time he is able to widen his knowledge. One must learn for oneself. The skill of looking up a dictionary and deciphering what is right in the context, the skill of referring to Encyclopedia or other reference material and culling out the relevant matter; the skill of taking notes from that material in an organised form; the skill of interpreting and forming your own judgement of things; are some of the major skills to gain knowledge. The only instrument we have is the brain. If it is kept sharp and awake, then it can function beautifully like a good instrument and acquire knowledge persistently. So the awakening and nourishing of curiosity and the learning of several skills are essential. Don't you want to know what the books are about? A good teacher motivates the students to buy books, to read books and to make the habit of reading books. A good student wants his teacher giving books rather than giving notes. **I want to see our students in Sree Book Store rather than in Sagar Xerox.** Very simple equation, if you read more, you will know more, you will be able to do more for yourself and ultimately for your nation. I suggest all of our students to buy at least one book per course and to read it.

Last but not the least, I would like to appreciate our Placement Director Ms Geetika Mudali for her novel ideas like NIST Alumni Career Counselling Services (NACCS), YOGA, Saturday Night, encouraging NISTians for GRE and many other valuable suggestions.

September 15, 2002

Partha S Mallick

Letters to the Editor

- **From Mr Basant Kr Maharana, Ranihat, Mali Sahi Cuttack 753 001(Sent by Post)**

Sir, I appreciate the Student Counselling Services of your college. If we look back, perhaps at the start of IIT Kharagpur in 1950, the concept of counselling took shape and was slowly adopted by some other engineering colleges. In India, now there are some 237 Universities and 10,600 colleges that employ 3.31 lakhs teachers to educate 70.78 lakh students every year(Economic Time Intelligence Service). But I don't have data for how many colleges who have adopted counselling as a tool of bridging student-teacher-management gaps. Some schools of Maharashtra and West Bengal have adopted this method to scale down mid-semester drop-outs from their institutions. It is heartening that NIST has recently adopted Student Counselling Services as a tool for causing benefits to the students in providing the required interface between the Institute and the students. As a result of this, my son who is a student of NIST got some benefits. For this I am very much grateful to the management and particularly thankful to his counsellor Dr. Partha S Mallick whose assistance is unforgettable.

- **From: Prof. Rabindranath Nandi, Department of Electronics and Telecommunication Engineering, Jadavpur University**

Dear Partha: Thanks for your informative newsletter & thanks again for remembering me. Hope you are fine at NIST. The IEEE Calcutta Section is organising the Annual Convention & Exhibition(ACE-2002) at Science city auditorium, Kolkata on Dec 21-22. We would be very pleased to have your institute as joint collaborator/sponsor of this prestigious all India program where national/international authors /experts are coming. I like you to join us positively in this activity. Also, we would be happy to set up IEEE Students branch at NIST. Please suggest whom to write & how to proceed. Best wishes.

- **From Miss Pallavi Mohanty, 3rd Year**

Sir, All my best wishes for NIST e-NEWS and thanks for the wide coverage of the latest happenings in our college. I would like to inform you that e-NEWS has been quite a revelation for all, though we would like to have more articles, opinions, thoughts and inspirations from our esteemed teachers, our alumni members, our juniors and sophomores.

- **From Sudeep Misra, 1st year**

Sir, Hope this mail finds you at the peak of your health. The E-news is doing really well. The time has come when all the NISTians are eagerly waiting for the E-News. I have received a third prize in Group discussion, conducted by Rotary club of Berhampur on September 4, 2002 from Mr. J.B.Pattanaik. Thanking You.

Special News

GRE Score!!!...It is NISTian's achievement

Our 1998 batch students have shown their talent again in the recently published GRE result. Here are some of them...

1998 batch

Name(Branch)	Score
1.Ruchir Bal(CSE)	2110
2. Ashrujit Mohanty(CSE)	2020
3. Siba Sankar Rout(ECE)	1780
4. A. Srinivas Rao(EIE)	1720
5. Sagar Sahu(ECE)	2270
6. Sumit Jain(ECE)	1760

The Editor is grateful to Mr Dutikushna Panda(ECE) of 1998 batch for collecting these.

Seminar Presented by IMS, Bhubaneswar at NIST

The IMS, Bhubaneswar presented a seminar on August 23, 2002 at Lecture Hall Complex. The topic of the seminar was "MBA as a career option". The students of 6th and 8th semester attended the seminar. The presence of Dean, interested faculty made the seminar successful.

Sports Room - now at OCTAGON!!

In the past few months, we have seen a lot of INAUGURATIONS to facilitate the students in Sports and various extracurricular activities. After the successful start of different outdoor games like Lawn Tennis, Basket ball, Volleyball, Cricket, Football, indoor games like Table Tennis, Carom, Chess etc can be played in our new Sports Room at the ground floor of OCTAGON building. We are proud of our Table Tennis team who are the Champions last year in the Inter college tournament of Berhampur University. We do hope for more encouraging achievements in future.

Dr AK Panda on Academic Mission to France



Dr Ajit K Panda visited France in the first week of September and attended a workshop there on "Xilinx University Program" where the Xilinx company gave training on latest Xilinx tool. This tool is a part of NIST's VLSI Course. So, his visit to France will go a long way in developing the academic activities of NIST.

Examination Schedule of Berhampur University - A brave step!!!

A very good news for all of us!! Berhampur University has taken a brave step for conducting different BE/B.Tech examinations and then to publish the results in time. The Vice Chancellor announced the plan of "Central Evaluation of Answer sheets". As per the plan, faculty from various disciplines will be invited from different Engineering colleges for evaluation of Answer sheets. They will complete the whole job immediately. So there is no chance for being late. We, the NISTians WELCOME this great idea.

Mr M Suresh --- is now with us!!!



Our electronics faculty Mr M Suresh returned from Italy after the successful completion of one and half month's assignment at International

Centre for Theoretical Physics(ICTP), Trieste, Italy. He worked in the Microelectronics Division of ICTP with Professor Alberto Colavita who is a distinguished person in the area of VLSI design. Congratulations!! Mr M Suresh.

Dr. PC Biswal ---- from BITS, Pilani

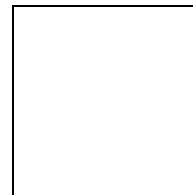


Dr Purna Chandra Biswal an MSc and Ph.D from IISc, Bangalore was working at BITS, Pilani. His liking for NIST's quality and disciplined education brought him here at the end of last year. He is our Mathematics faculty and also the **Batch Counsellor of 1st year**. We wish him all success!!

New Lecture Hall Complex for us!!

The *Ground breaking* ceremony of our new Lecture Hall Complex was held on August 27, 2002. Dr Ravi P Reddy was the chief guest. The complex will be in front of Generator Room and it is composed of 5 buildings, each building having 3 floors with Gallery style lecture Halls. The total capacity of all the lecture halls combined is 730. We are expecting the construction to be completed by next year.

---in the memory of our beloved student SivaSankar Bishoyi of 2001 batch who died on August 20, 2002 on an Road accident.



You were with us, You are with us and, will be with us - for all the time to come

'Get-together' at Hotel Oberoi

It was an 'enjoyable Meet' for all faculty and staff at Hotel Oberoi on August 14, 2002. Presence of staff and faculty with their families, Director, Deputy Director, Dean and their interaction made the meet attractive. The Meet welcomed Dr A K Padhy who has just returned from USA after the completion of Post-Doctorate research.

The songs, jokes etc. of the participants made the party more lively. Finally, who will forget the delicious foods of Oberoi dinner.

"Saturday Night" at NCC

It is the idea of our Placement Director Ms. Geetika Mudali!! It is a BREAK for the staff and faculty of NIST at the weekend. The first Saturday Night was at NIST Community Centre (NCC) on September 7, 2002. The attraction of that week was FILM SHOW. All the staff and faculty alongwith their family enjoyed the film *Podosan* and *Charli Chaplin* which was followed by the delicious dinner. NISTians are thankful to Mr I Bhattachariyya and Mr. Abhro Mukherjee for their effort to make this successful.

NIST Tutorial Service for 1999 batch

Now the NIST Tutorial Service(NTS) is for the 1999 batch students having back paper in their 3rd semester. After successful completion of this unique service for 2001 batch, it was started on September 02, 2002 for 1999 batch. The students have again got the chance to clarify their doubts, right procedure for problem solution, proper writing technique in exam. paper etc through NTS. This service provided by NIST, is completely free of any charges.

Economic hardship Scholarship at NIST

Amar Bikram Sahoo

NIST is providing Economic Hardship Scholarship to the students. This year the following students are selected for the scholarship. From the 2001 batch, the selected students are

From the 2001 batch

Ananda Ku Behera
Guru Dutta
Banahansi Gantayat
Gopal Behera
Smiti Rashmi Guru
Suryakant Routray

From the 1999 batch(6th Semester)

Dharmendra Ku Singh
Sudarsan Prasad Say
Anil Ku Sahu
M. Vijaya
Anshuman Panda

Sudhansu Sekhar Swain

Each scholarship carries Rs 500 per month and it will continue for one semester.

GATE-2003 Coaching Launched by NIST

SK Upadhyay

Last year more than 20 students from NIST had secured more than 85 percentile in the all India GATE Examination. This has encouraged us to extend our expert services for Engineering students of Orissa and other states. For the first time in India, NIST is going to launch GATE coaching for the following engineering branches.

1. Electrical Engineering
2. Electronics and Communication Engg.
3. Instrumentation Engineering
4. Computer Science and Engineering

The coaching will start from 28th of September' 2002 and on every Saturday and Sunday from 9.00AM -17.30PM at Bhubaneswar. Experienced faculty of NIST has designed the programme and it will continue up to January 2003. The change in Syllabus and question pattern has been taken into consideration while designing the module. Hope, this will take care of the needs of the aspiring students for GATE-2003. The classes will be conducted at Plot No-122, Saheed Nagar, Near Hotel Meghdoot, Bhubaneswar. To know more about our GATE coaching, visit - www.nistgate.com.

Research and Development Research Paper

1. P S Mallick and D Mukhopadhyay, "Monte Carlo calculation of electron transport in InSb"-Accepted for publication in *Indian Journal of Physics - A*, August 9, 2002.

Conference Paper

1. P S Mallick and D Mukhopadhyay, "Monte Carlo Simulation Technique - an efficient tool for Material Research" - Accepted for the 5th *International Conference on IT (CIT - 2002)* to be held at Puri, India on December 21-24, 2002.

2. **G Panda**, "Power flow control with controllable reactive series elements in a longitudinal AC power transfer System" - Accepted for Publication in the *Proceedings of the 18th National Convention of Electrical Engineers on Indian Power Scenario - present and future perspective*, August 5, 2002.

Friday Seminar Series

- **Mr Abhro Mukherjee** presented the seminar on August 23, 2002 at Lecture Hall building. His topic was "Modelling and Simulation using Bond-Graphs". It was a good sharing of knowledge among the Speaker, faculty and interested students..

Alumni Page

From Mailbox

From : "Bidhan Das"

<bidhan@lucent.com>

To : smudali@hotmail.com

Subject : A Dream come True

Date : Tue, 20 Aug 2002 09:55:17 -0700

Sir, Today I saw the website of our Institute. It makes me feel proud & elated to be associated with such an institute. I am really sorry for not being in touch with you for so long. Honestly speaking I had some ups & downs on my health front. By God's grace everything is fine now. As you must be aware that I will be completing 2 years of work with TCS in October 2002. Currently I am on overseas deputation to Columbus, Ohio, USA working for Lucent Technologies on their Third Generation Voice Messaging Systems. All this has become possible because of the training & guidance of yours. It is you from whom I have learnt the ability to work hard without caring for hurdles. But I have one regret that I have not been able to contribute to the growth & prosperity of NIST since I left. If I can be of any help to the Institute, Please let me know. Regards,
Bidhan, Phone (Office) : 001-614-860-5155, (Home) : 001-614-575-9264.

From : "Manoj K Agrawal"

<manojagr@in.ibm.com>

To : "Geetika Mudali"

<geetika_nist@hotmail.com>

Subject : Manoj Agrawal

Date : Fri, 9 Aug 2002 17:27:08 +0530

Dear Maam, How are you? How is everything in college? Hope everything is fine, and all is running well. I am fine here, and work is going on all the same. There is nothing much new, except that the NIST crowd in Pune has got down to 2 people, Ashu and Myself. The rest are now in Bangalore, and as you must have heard, Smruti has gone onsite.

Maam, I have got a letter from some prospective student of NIST, asking me about whether to take admission into NIST or not. Actually, Maam, i hope NIST does go high, and high enough to attract the best talent in and outside Orissa. NIST has done a lot over the years we were there. When i had joined NIST, we had only the ground floor of our Lecture Hall. NIST, in the present day, has a lot more to give students, than it had when we were there. I hope the present students use everything, and NIST keeps rising. I do hope NIST strives to further student growth, not only academically but also through extra-curricular activities. The interaction between the institute and students should always be on the rise, and this will help, primarily the students of NIST and I do hope mails will stop coming to us asking us about NIST, and whether they should take admission to NIST. As the July 15th Newsletter mentioned, NIST is the IIT of Orissa, then no one should be asking us which college to join in Orissa. NIST should be the natural choice. Hope to see this day soon. Thanks & Regards,

**Manoj Kumar Agrawal, Software Engineer,
 IBM Global Services India Pvt. Ltd.Pune.
 Tel. 91-20-6449724 Ext. 1192,
 Fax. 91-20-6449615.**

From: "Sumeet Ghosh"
<g_sumeet_in@hotmail.com
To: geetika_nist@hotmail.com
Subject: sumeet ghosh
Date: Fri, 16 Aug 2002 09:49:27 +0530

Dear madam, How are u? Got ur mail 'survival at work', it was great and ya i did forwarded it to many of my friends. Madam i am working fine and one thing which i like to share with u. madam i got 'Exceptional Initiative' award from my company for the quick and fast learning the things i have been told to. Madam within my training period i was put to live projects, which no other employee at Mindfire has done and company policy didn't allow this. so my PL after seeing my performance asked the

company to allow me to join as team member, and they did it. Madam plz share this news with director sir, reddy sir and panda sir. I am sure you all will be happy by this achievement of mine's.

Well for all this i should thank to our faculty. All that i learned from u(for making us working on live project and SW management and SW engg), reddy sir(for c, c++ concepts) and panda sir (who use to teach ur for 3-4 hours with out giving break, this is what is helping me today). plz convey this msg to the faculties at nist. rest is fine madam plz mail back if u get time. bye,
Sumeet Ghosh, Mindfire Solutions, A-16 Mohan Coop. Indl Estate, Mathura Road, New Delhi - 110016, Phone - 91-11-6950290/91, Fax - 91-11-6950293.

Career Corner

Job Sites

<http://www.jobtrove.com>(site for employment in India & abroad)
<http://www.kjobz.com>(recruitment for internet, entertainment, etc)
<http://www.ksinternational.com>(a recruitment agency in India)
<http://business.vsnl.comkbsintro.html>(Chennai based consultants for employment)
<http://www.kaladyinc.com>(engaged in executive search & recruiting IT professional)
<http://www.kathir.com>(consultants for employees & employers for recruitment)
<http://www.kexso.com>(world wide placement, recruiting agents, manpower consultants)
<http://www.kit-india.com>(recruits Indians for projects in Middle East and Southeast Asia)
<http://www.lvehr.com>(engaged in recruitment, training and other job services)
<http://members.tripod.com/placements/index.html>(placement firm based in Hyderabad)
<http://www.msarvind.com>(offers recruitment services in abroad, especially in the middle east)
<http://www.mhb-counsel.com>(placement consultants for management level executives)
<http://www.resumesindia.com>(offering online hosting of resumes for candidates)
<http://www.mafoi.com>(executive search, placement, overseas job recruitments, resumes)
<http://www.dimen-sions.com/mago/index.htm>(talent search and placement consultancy)
<http://www.manhunt-india.com>(placement consultants for infotech related jobs)
<http://www.indiamart.com/manpowerservices>(recruitment, talent bank, advertising, jobs)

Susant Mahapatra

Educational Sites

Manash Ranjan Das

www.egurucool.com
www.schoolcircle.com
www.netvarsity.com
www.onlinevarsity.com
www.shiksha.com
www.buckleyourshoe.com
www.freescills.com
www.smartforce.com/smb
www.examsonline.com
www.competitionmaster.com
www.mastertutor.com
www.zeelearn.com

www.netprotraining.com
www.careerlauncher.com
www.classteacher.com
www.gurukulonline.com
www.iln.net
www.esaras.com
www.lycoszone.com
www.pinkmonkey.com
www.schoolsofcalcutta.com
www.entranceguru.com
www.pentafour.com
www.Qsupport.com
www.intelsyseducation.com

Student's Corner

NISTians at PLC Programing

Anupam Kr Das, 4th Year

Continuing the surge in hardware technology that began with a one-day seminar by Trendz IT, Hyderabad, our students are now all set to conquer the new frontier. Our students had been to a ten day PLC programming training course conducted by Electronics Service and Training Center (ESTC), Ramnagar, Nainital under UNDP in collaboration with the government of India and Ministry of SSI. NIST has included PLC related B.E. projects for the final year students and three of them Ms Rashmita Pradhan (ECE), Ms Sonali Satpathy (ELE) and Mr Anupam Kr Das (EIE) had been to attend the program. The enthusiastic third year students also joined hands with their seniors and matched paces. They are Ms Sushree Shivani Pattnaik (ECE), Mr Gopal Krushna Padhy (EIE) and Mr Samrat Sengupta (ELE). On return they shared their finesse with the rest in a seminar conducted in the Industrial Automation laboratory.

BOOK BANK facility for NIST students

P K Choudhury

NIST students are getting FREE books from the Book Bank. The concept of this Book Bank is to encourage the students with financial hardship for their smooth running of engineering education. Currently 20 students of 1998 batch, 23 of 1999 batch, 30 of 2001 batch are getting this facility. They will get minimum of one book per course and return it at the end of the course. We are getting number of encouraging letters from their guardians for this unique idea of NIST. This is another effort by NIST like Economic Hardship Scholarship etc.

They got 80 out of 80!!!



Hima Bindu Choudhary(EIE) and Hrushikesh Sahoo(ECE) got 80 marks out of 80 in Engineering Mathematics - III in the recently published



result of 3rd Semester of Berhampur University. NISTians are proud of this brilliant result. Congratulations!! Keep it up!! Thanks to Mr I Bhattacharyya,

our mathematics faculty, for his dedicated service to the students.

Friend Sangram Sekhar Choudhuri, 1st yr.

Whom you can trust

Whom you can share

and get lot of care

Who can make you happy and glad

on your sad and bad

His presence brings cheers

and absence carries tears.

You should try for it!! Kajol Panigrahi

If you want to drink something, it is anger

If there is something to eat, it's your sadness

If there is something to take, it's knowledge

If you want to say something, it's the truth

If there is something to show, it's courtesy

If you want to keep something, keep your self-respect

If there is something to leave, it's jealousy

If you want to leave out something, it's your bad habits

You are to know it!!!

Ranen Nayak

The best day ---- Today.

The greatest sin ----Fear

The meanest feeling ---- Jealousy

The greatest need ---- Commonsense

The greatest trouble maker --- Talking too much

The greatest teacher ----One who makes you want to learn

The best gift ---- Forgiveness.

DRDO Entrance Examination – 2002

Siddartha S Sathpaty, 4th Year

DRDO, a premier defense research organization of India, conducted Entrance Examination for the post of Scientist-B this year. The question paper had 150 questions out of which 100 questions were from technical portion and rest were from non-technical. For technical portion if one follows GATE syllabus of respective branch then it will be easy for him.

As far as the non-technical portion was concerned one should be abreast with current affairs & General Knowledge. Earlier DRDO conducted campus interviews in various renowned Engineering institutions for recruitment. But this year onwards they are taking the students for the post of Scientist-B through written tests followed by interview at all India level. For ECE, 150 seats are

allocated this year. For other branches like EIE, ELE and CSE the number of seat are 7, 10 and 74 respectively. If one wants to appear in ECE he should give due importance to communication Engineering, EMT, control systems and Electronics both analog as well as digital. The interested students are advised to check with www.drdo.org or mail me at sid_sat123@yahoo.co.in.

Interview

He is **Mr. Sagar Sahu** of 1998 batch, ECE who scored 2270 in GRE this year. NISTians Congratulate you....

E-News: Where do you originally belong to?

Sagar: Balasore, Orissa.

E-News: Why did you choose NIST for engineering education?

Sagar: I wanted to go for electronics with a sound computer background and NIST supplemented my needs.

E-News: Whom do you give the credit of your success?

Sagar: There are many. Apart from the obvious persons in my life, there was help from teachers, seniors, juniors and friends.

Some people had high hopes of me. All this helped me concentrate harder. By the way, the idea of choosing GRE as a medium for higher studies was first incorporated by NIST only; and I am deeply indebted to the people who made me aware of the opportunities around.

E-News: How did you manage simultaneously GRE, Assignments, Mid-Sem, Pre-Final, BE Projects, Seminars and Presentations etc. of NIST?

Sagar: Frankly, I have helping hands at right places.

E-News: Do you think the preparation for GRE hamper regular curriculum?

Sagar: No. One can surely catch up later.

E-News: How did NIST faculty help to get a good score at GRE?

Sagar: My teachers are always very co-operative. They did not stress upon the attendance and the nagging assignments. I was completely free to concentrate on my GRE. Apart from these, other teachers are always open to extend their support for my cause. Here, I take this opportunity to thank all the teachers who went out of their way to help me in all ways possible.

E-News: What is your advice for your juniors for good score at GRE?

Sagar: Hard work and Dr Reddy.

E-News: Where will be your first choice for higher education?

Sagar: University of California, USA.

E-News: Do you want to share anything of/about yourself?

Sagar: Yes. When I asked Dr. Reddy to help me go from a score of 1800 to 2200, he made only one statement "Why not 2400?". Thanks.



Mini Waves -- a Cultural Program of NIST**Vinay Das**

WAVES!! the yearly cultural function of NIST is usually held at the end or beginning of the year. From this year we have conducted the MINI WAVES in the middle of the year. This is to encourage students to take part in extracurricular activities and to be prepared for the final "WAVES". This is like ICCs Mini world-cup. It was on August 17, 2002. An eye-catching cultural function was held in presence of the 2nd



Semester students, Faculty and staff. At the end of programme, our Dy. Director Dr Ravi P Reddy gave an encouraging speech to the students. I would like to mention the names of these who showed their talent in different events. The winners are Anindya Kumar Jena, Amrita Mishra, Gautam Dash, Gautam Dash(**Debate**), Anshuman Mishra, Bhabani

Shankar Kar, Anupam Parmanik (**Quiz**), Amit Kumar Sahoo, Bikram Kumar Mishra (**Cartoons**), Alok Ranjan Mohanty, Bikram Kumar Mishra, Itishree Mishra(**Paintings**), Niranjan Mohapatra And Groups(**Dumb Charade**), K. Suman, R. Murli Krishna, Gautam Dash, (**Just A Minute**), Kamashy Group (**Skits**), Tapaswani Mishra(**Song**), Kajol Panigrahi(**Dance**).

Question of the Month

Dowry is a known concept of Indian matrimony. Should Dowry be acceptable?

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

Last Month's Poll

The Question of the last month was "Our best and brightest students leave for foreign lands for jobs and higher studies. Is this brain drain good for India? Response was very encouraging. We have received 36 mails. Out of them, 13 replied "YES", and the rest went for "NO". Here are some mails

From: "debasmita pattnayak" <bidushifriend_me@rediffmail.com>, 1st year

NO. We should not opt to settle abroad since foreign countries are exploiting our knowledge to develop their countries while our country is itself starving for development.

From: "Subha Prakash Nayak" <muna131@rediffmail.com>, 1st year

YES, the brain drain for foreign countries is right. Because our country is little backward from technology and science point of view compared to those countries. Our Govt. can not provide us the required money. We have seen many talented scientists leave India helplessly to abroad for research and won Nobel Prize there. But after acquiring vast knowledge and earning money, they should return and use these for betterment of ours.

From: "Aurobindo Mahapatra" <aurob@sify.com>

NO, BRAIN DRAIN is really one of the major problems in a developing country like India. Current annual brain drain from India is around 6000 persons. Indians aid to USA in terms of brainpower is \$44 billion. But presence of these top brains could help our development efforts and growth. But why this Brain Drain?? the casual and haphazard system of selection and promotion, poor career prospects, excessive bureaucracy, reservation policy and rampant corruption are some of major causes of this. Also lack of good research environment, less

educated work environment is responsible for brain drain. BRAIN DRAIN is definitely harmful though it could be permitted to some extent. They should go there for proper work knowledge which is lacking in India then they should return and do wholeheartedly for our country.

From: "Ashok Patro" <ashokhandsome@rediffmail.com>, 1st year

NO, I think this brain drain is not good for India, instead they should continue here & work for their country. Well in rare cases they can go for higher studies but they must do their jobs here and try their best to create those environment & technology in INDIA.

From: "richy mishra" <hirichy2002@yahoo.co.in>

NO. As India is a developing country and to make it as developed, we need highly qualified brains of the best & brightest students. 90% of the brain drain is for a good job of high salary rather for higher studies. Most of the people are also interested to settle there for a happier life which is causing a hindrance in the path of development of India.

From: "rashmi ranjan patnaik" <rashmirpatnaik@rediffmail.com>, 3rd year

YES! Brain Drain is good for India. After initial professional degree they are left with two choices, either they should seek for jobs or go for higher studies. One could find it very difficult to get any one of them in India. Obviously they would prefer to go for higher studies which they find best in developed countries, because the scope and facilities available in developed countries are definitely superior to ours. People staying in abroad can do well for India. Great Indian scholar does not forget their motherland. Prof. Amartya Sen who enriched himself in Economics in US and awarded with Nobel Prize. On 16th August he has released the 'PRATICHI EDUCATION REPORT' in India which deals with the basic education system that must be regressively implemented in order to progress of India. He is really doing a great job for the country. There are a lot of other personalities being educated in abroad, sacrificing everything for the development of India. At last I want to suggest that it should not be called as Brain Drain rather termed as Brain Enrichment.

Did you know - A Guide to NIST

Arun K Padhy

This is to guide our new students and make acquaintance with the NIST environment.	209	Communication lab
First I would like to bring you to our buildings.	211	Sree Bookstore
	301	Accounts section
	302	Director's room
Lecture Hall building	303	Faculty Lounge
Room No For	304	Linux lab
101 Facility manager	306	Classroom
102 Physics lab	308	Faculty room
103 Electronic devices lab	309	Microprocessor lab
104 Electrical lab	311	NTCS/MIS office
106 Class room	401	Bank
108 Office	402	Work shop lab
109 Chemistry lab	403	Instrumentation lab
111 Security Manager	404	Classroom
201 PC Maintenance unit	406	Classroom
202 PC lab	408	Faculty room
203 Unix lab	409	Conference room
204 Classroom	410	Placement Director's room
206 Classroom	411	Sagar Xerox
208 Faculty room	501	Placement cell

502	Advance Network lab
503	Classroom
504	Classroom
506	Classroom
508	Faculty room
509	High Frequency lab
510	Deputy Director's room
511	Dean

OCTAGON building

Ground floor

Central Hall - Food court, Sports room, Students Activities Center

1st floor

Room No	For
201	Class room
202	Class room
203	Class room
204	Class room
205	Seminar Hall
206	Faculty Room

2nd floor

Central Hall - Reading room, Library and Internet room

Also you visit our Website (www.nist.edu, www.ntcs.com, www.nistinfo.com, www.nistgate.com) to know more about NIST and NISTians.

General News

Workshop on "Applying to US Universities"

Our Deputy Director Dr Ravi P Reddy presented a workshop at Lecture Hall complex on August 26, 2002. The topic was "Applying to US Universities for higher studies". Many students showed their interest in the topic. The audience was well informed and asked many pointed questions.

New Appointments

We WELCOME all of you...

1. Miss Sarita Mudali, Library Assistant, joined on July 22, 2002
2. Mr Niranjan Sethi, Driver, joined on July 22, 2002
3. Mr Susanta Choudhury, Bus Helper, joined on July 24, 2002
4. Mr Kuna Nayak, Cleaner, joined on July 02, 2002
5. Miss B. Sudhalakshmi, Spoken English & Verbal Skill, joined on September 3, 2002
6. Mr Suren Kumar Sahu, Lab Supervisor, joined on September 5, 2002
7. Mr Bidya Bhusan Padhy, Lab Supervisor, joined on September 5, 2002
8. Miss Rashmita Padhy, Lab Supervisor, joined on September 5, 2002
9. Miss Kiranmayee Rath, Lab Supervisor, joined on September 5, 2002

Now you are with NIST family, all the best!!

NIST supports Gujrat victims

NIST has gone a step ahead to support the victims of the recent barbaric communal violence in Gujrat. It was really great on the part of NIST to contribute a sum of Rs. 5000/- towards the work of riot relief undertaken by "The citizens initiative at XIM, Ahmedabad". We hope that it will help the victims during their time of crisis. Hope for peace to return to Gujrat at the earliest.

YOGA class -- Now for all!!!

It was first started for 1st year students, now for all!! General classes "on YOGA" for all staff, faculty and students started has on September 02, 2002 at Library Hall, Octagon. Our YOGA instructor Miss Basanti Kumari Patra is taking the classes. All are

Sagar Xerox UNIT-II Now at Octagon

3rd Floor

P. Ch. Padhy



RAGGING at NIST!!!

Yes!!! it is known to all of our students, their guardians, faculty and staff. NISTe_News reporters were moving around last two weeks to make a report on "Ragging at NIST". Let us see what are their opinions...

Mr I Bhattacharyya, Faculty of Mathematics: From the very first day of 1st semester classes, we observe the students, whenever we see any senior student(s) with juniors, we go there, and do the needful.

Miss Lizina Khatua, 6th Semester: Ragging has some positive sides also. But here at NIST, we don't get time for Ragging, perhaps our classes, Exams are scheduled in such a way that we can not get time for it.

Mr BK Dash, Faculty ELE: Why student will rag?? We are enough for it, Assignment, Quiz, Series of Tests, Project work, Presentation -- really serious ragging by us!!

Dr AK Padhy, Faculty, Chemistry: There is no ragging at Campus, but some students do it out side like Berhampur town .

Dr Amalendu Pattnaik, Dean: If we get any written complain from any student, we take it very seriously.

Mr Premeswar Rao, Security Officer: We are always against Ragging. Some of our senior students are very helpful in this regard. Faculty, staff are doing their best for a "Ragging free" environment at NIST.

Dr Partha S Mallick, Faculty, ECE: In NIST rule book, article no. 12, it is clearly written against Ragging. As per Government Rule, Institute has the right to impose fine to an amount of Rs.25,000/. Our college campus is totally Ragging free. Sometimes the students do it outside, but in the hostel there is no chance for Ragging, this is one of the reasons why NIST made it mandatory for 1st semester students to stay in Hostel.

Mr. Bikramjit Majumdar, 6th Semester: Ragging is not bad if it is in control, but we can do nothing here because of our sirs.

Mr Nisheeth Behera, 6th Semester: Actually we try for it!! but can not be successful due to strong monitoring of teachers and staff.

Mr Anupam Das, 8th Semester: From my last four years experience, I can say, there is no Ragging at all at NIST.

Mr Naveen T Vargeese, 8th Semester: When 1st semester comes, either we have internal exams or university exams, we get no chance to rag them.

Mr Arun Kumar Behera, Guardian: First, I was worried, but soon I relieved when I came to know that NIST is a Ragging free College. Yes! I got the report from various corner.

Ms Suniti Maharana, Guardian: I never got any complain from my son regarding Ragging.

Ranen Nayak, staff, Office: There is no chance for Ragging here. Our whole team is working against ragging.

Mr M Suresh, Mr Susant Das, Mr RK Shial, Faculty and Hostel Sperintendent: Whenever we get any written complain, within three days we inquire it and give punishment. No, we not only just wait for the written but also keep track of the senior students.

Person of the Month



**She is our
Placement Director
Ms. Geetika Mudali**

Ms Geetika Mudali is the faculty of Computer Science and the Placement Director of National Institute of Science & Technology. She is also one of the promoters of the Institute. She did her Bachelor of Engineering from Osmania University, Hyderabad, specializing in Electronics and Telecommunications. She then did her Masters in Management Information Systems from New Jersey Institute of Technology, USA. She worked as the Assistant Manager in IT for 2 years with Fibcom India Limited., New Delhi. She is associated with NIST right from its inception. As the promoter of the Institute she had personally met the Chief Minister and Minister of Industries and other Ministers for the setting up of NIST.

She is the daughter of VKR Bansal, an industrialist from Hyderabad. Her sister Mayura Roy Jaiswal (BE., MBA, CFA) is a faculty at ICFAI, Hyderabad. Her brother Yogesh Kant Roy (BE., MBA IIML) is the IT Manager at Infospace a subsidiary of Microsoft at Seattle, Washington State USA. Yogesh was also a faculty at NIST in 1997.

As the Placement Director she is responsible for getting many top companies to our campus like IBM Global Services Limited, Satyam Computer Services Ltd., Wipro Technologies, TCS, HCL, Tata Steel etc. thereby making NIST as the most sought after college in the State. The first company Satyam Computer Services Ltd., visited NIST in September 1999, three years after establishment of NIST. As the faculty of Computer Science she is into Database Systems and Operating Systems.

She is married to our Director since February 1992 and is blessed with 2 children – Pranshu (son) who is five years old and Neha (daughter) who is one year old. She spends at least 2-3 hours per day with her son getting his homework done. Her hobbies include Yoga, Meditation, Singing etc.

Bold Steps by Berhampur University to Streamline Engineering Education

Sangram Mudali

Under direction from the Hon'ble Chancellor, the Berhampur University has recently unveiled a program for timely conduct of Semester Examinations and Publication of results for the batches of 1998, 1999, 2000 and 2001. Needless to say the faculty, staff and students of all 9 engineering colleges of Southern Orissa affiliated to Berhampur University are ecstatic about the steps being taken by the Berhampur University. This will allow all engineering colleges to plan the semester activities. Also, timely publication of results will allow our students to enhance their career prospects. I thank all students and parents who have taken a lot of pains to bring these issues to the notice of authorities.

On behalf of all the students, faculty and staff of NIST, I express my deep gratitude to the Hon'ble Chancellor Shri M. M. Rajendran, the Revenue Divisional Commissioner and Vice-Chancellor of Berhampur University, Dr. Arun Panda, IAS, and the Berhampur University authorities for having taken these bold, imaginative and timely steps.

Future Technology

SIMPUTER - The PC of Masses

Abhro Mukherjee

I am sure that you all are really hungry for some real Technological stuff so here it is (Gulp it if you---- can digest it).

Time magazine has recently selected one of the 10 technological innovations that will help the poor get richer. And yes it talks fluent Tamil, Telugu, Bengali and Marathi. Guess What? You have't yet been able to untie the mystry of what I am talking about. No it not the latest version of Pentium processor, No it is not even the revolving station of Japan. It is one of those smart machines whose technological break through is compared more powerful than that of latest Window operating system or the gleaming Titanium power Book PCs. It is not the SUPER COMPUTER OR MINICOMPUTER BUT SIMPUTER. Simputer which is known as simple, inexpensive, mobile computer will take the market from this year founded by the SIM TRUST, a collegiate of seven academics and techies founded in November 1999. SIMPUTER was designed at IISc, Bangalore.

Some of the unthinkable application area of Simputer.

1. The South African Government wants to develop a small ultrasound monitor and plug it to the Simputer and track fetal development in rural areas.
2. In Italy, they plan to link it in low cost video camera, which would use special software to convert text from, say a signboard and read it out to visually impaired users.
3. In Karnataka, Mr Rajiv Chawla wants to use Simputers to relieve the pain of the farmers who often suffer from corruption in recording important documents .He wants to put 20 million land records Online.

The Simputer will run on AAA batteries and its cost will be approximately Rs 10,000 to Rs 23,000. So folks , think not once but twice how can our lives change by the arrival of Simputers in the market.

'Param', the parallel super computer developed indigenously by C-DAC

Time bound projects in particular areas are implemented through separate scientific societies like Centre for Development of Advanced Computing (C-DAC) which has conceived, designed and delivered parallel super computer with peak computing power of 1 G Flops. Their second project is aimed for super computer of 100 G Flops speed.

In the Next Issue.....

- NIST Center of Excellence
- Adventure Sports in NIST
- NIST Transport Services
- Many other news as usual

“Don't dwell on what went wrong. Instead, focus on what to do next. Spend your energies on moving forward toward finding the answer.” – **Denis Waitley**

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The next issue will be published on 15th November, 2002 due to Puja Vacation. Send your message on or before November 10, 2002 to our e-mail address: niste_news@yahoo.com. Thanking you.

“The difference between a successful person and others is not a lack of strength, not a lack of knowledge, but rather a lack of will.” – **Vince Lombardi**
