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Mr. Manash Ranjan Das

Message from the Director



Thanks Partha for volunteering to be the Editor of the NIST e-News. I congratulate you on the publication of the first issue. NIST e-News will be a unique forum for the exchange of news, views, ideas and proposals.

I take this opportunity to congratulate Dr. C. Nahak for obtaining his first grant from the Department of Science & Technology to carry out his research work. I want to encourage all others to write research proposals for submission to DoE, DST, UGC, AICTE, etc. As they say, it is better to have tried and failed than not to try at all.

I have noticed a certain air of cheerfulness since a few weeks. Maybe it is rose garden in full bloom or the noisy games of Volleyball, Tennis & Cricket. Oh yes, the cheerfulness came from Room 303! I hear quite a few of our faculty and staff are now good TT champs and Pool champs.

I am submitting a proposal for the NIST Student Counselling Services. I would like to have your opinion on it. We should be able to implement it very soon.

With Best Wishes to NIST E-news

February 15, 2002 (Sangram Mudali)

Message From Deputy Directors Desk

Partha requested me to write something for the first issue of NIST e-News. I told him my message is 'Peace and Love' for all. Thanks Partha. Wish all the success of NIST e-News.

February 15, 2002 (Ravi P Reddy)

Message from Deans Desk

I am happy to know that Partha has voluntarily taken the responsibility of NIST e-News. The NIST e-News will speak on behalf of all NISTians, now and always. It is the forum where we will share our feelings, ideas and information. It has started its journey and will continue for all the to come. CONGRATS!! Partha for your excellent start...

February 15, 2002 (A K Panda)

Message From Editor's Desk

It is a great pleasure for me to present the first issue of NIST e-News at your desk. The NIST e-News is taking the responsibility to bring us closer together, because it will express our views, feelings, ideas and thought to all NISTians. Although I am sending this first issue only to faculty members, gradually it will reach to all the staff, students and their parents/guardians. It will be circulated only through the electronic medium, i.e NIST Web pages, NIST Alumni e-directory and NIST student e-mailing lists.

We plan on adding an Alumni Page, so batches of 1996 & 1997 are welcome to contribute for future issues. All submissions to the editor must be through Intranet /email and no paper submission will be accepted. The Editor reserves the right to reject/reduce or modify submissions for reasons of brevity, typos, correctness, suitability etc.

I feel happy to write here that, NIST e-News has received a large number of articles, poems, quizzes, messages etc. for its first issue. But I could not publish all of them in order to meet the page limit. I will see them first for the next issue. I regret for any type of your dissatisfaction.

Each and every faculty, some of our students and staff helped me at their best for this successful start. I am very much pleased and grateful for the words of encouragement I got from our Director and Dean. Thanking you all.

February 15, 2002 (Partha S Mallick)
email : NISTe_News@yahoo.com

Special News

DST grant of Dr. Chandal Nahak

- We are proud of our dear colleague Dr. Chandal Nahak who has got a grant of a few lacs from the Ministry of Science and Technology, Govt. of India under the SERC fast track proposals for Young Scientists 2001-2002 scheme. The title of his proposal is "Studies on the unconstrained reformulation of constrained optimal control problems".

NIST Student Counselling Services

- We welcome the proposal of our director about the "NIST Student Counselling Services". The aims and objectives of the "NIST Student Counselling Services" are:
 1. To be an interface between the student and the Institute
 2. To provide guidance to the students in their academic matters such as methods of learning, difficulties, additional coaching requirements, examination problems, attendance, etc
 3. To listen and to help students having difficulties
 4. To inform the parents of the students performance and problems. The Counselor will immediately contact parents when parent intervention is required.
 5. To provide a "home away from home" for the student, i.e., counselor to meet students in an informal gathering to provide a setting for trust, honest communication and guidance.
 6. To provide extra attention to first year students in settling down at NIST. All efforts must be made to provide a comfortable atmosphere for them.

At this stage only faculty members can become Counselors. Each counselor will be assigned a maximum of 10 students of each batch, i.e., a total of 40 students per faculty. He/She can meet them on a rotation basis as per his/her convenience. Counselors must maintain record of issues and problems that affect any student. He/she must take steps for redressal of those problems or bring it to the attention of the higher authorities. There will be a meeting of all counselors at least once a month to discuss common issues and problems. The expenses of each counselor incurred in the process will be borne by the Institute on production of expense vouchers.

MATLAB Manual by Dr Partha S Mallick

Dr Partha S Mallick has recently compiled a manual for Quick learning of MATLAB. It will help you to learn the software MATLAB version 5.3. Also, you will be able to learn the three important Toolboxes using this version of MATLAB. These are- Symbolic Math Toolbox, Control System Toolbox and Signal Processing Toolbox. The Step-by-Step procedure given in that manual will ease your learning. You may collect it from library, Sagar Xerox or from Dr Partha S Mallick.

CONGRATS! Swetank Rajguru

Our student Swetank Rajguru of 1999 batch stood first in the English debate and was selected to attend the YOUTH FESTIVAL in DHANBAD. He led the team there and his debating ability was published in a daily bulletin UNMAD. We wish all success of Swetank.

Welcome - Mr. Vinay Das, in our Sports and Extracurricular Dept.

Mr. Vinay Das, has been recently appointed to organize the sports and extracurricular events. He is an MBA from LNM College of Business Management. He has a good background in sports and extracurricular activities. He was the key man of SAMBALPUR UNIVERSITY Volleyball team in the year of 1993. He also represented district Volley Ball Team several times for Rourkela Steel Plant. Mr Vinay also represented the Inter College Cricket Tournament of SAMBALPUR UNIVERSITY many times. So, WELCOME!!!!!!!!!!Mr. Vinay, Go ahead.....

Inauguration of NCC

The NIST Community Center(NCC), at Neelachalnagar was inaugurated by our honorable director Mr Sangram Mudali. The faculties were present with their families on that inauguration. It is the point where we can meet to enjoy our evenings, Sundays and other holidays and sharing our feelings, ideas and thought. We can also arrange PARTY!! for the functions like birthday...marriage day...etc. Let us keep NCC more lively by playing cards, chess, ludo, caram etc....+ other social and cultural activities.

Inauguration of Volleyball Ground

Dr C Nahak inaugurated it on February 08, 2002 at around 100 meters from Lecture Hall building. Our director, deputy director, faculties and staff were present at the Inauguration. Biswal sir and Co. won the first match. It was really enjoying....

Inauguration of Tennis Court

The tennis court was inaugurated by Dr AK Panda on January 18, 2002, an International Standard one

and one of the best in Orissa. It is near to the Volleyball ground. Our director, deputy director, faculties and staff were also present at the Inauguration. We discovered the only professional tennis player of NIST on that day, and he is our Director, Mr Sangram Mudali.

Inauguration of Cricket Ground

Mr Vinay Das inaugurated it on February 02, 2002 in front of Octagon building. The students are using best of it. Faculties are Welcome to encourage the students.

Inauguration of Jogging Trek

Our Dean Dr AK Panda inaugurated it on February 18, 2002. The total distance of the Trek is around 2Kms. Our director, deputy director, faculties and staff were present at the Inauguration. Only four(out of all) were able to complete the trek. They are Mr. Padhy(1st), Mr. Sameer(2nd), Mr. Shial(3rd) and Dr Partha(4th). CONGRATS once again!!.

Inauguration of Transport Office

Our deputy director Dr RP Reddy inaugurated it. Our director, Dean, faculties and staff were present at the Inauguration. It was Mr B Mahapatra, our bus Manager who made the inauguration successful. The NIST Bus Company, has 10 buses right now.

Research and Development

Research Papers: Journal

- R. K. Mishra, A. Patnaik, "Neurospectral Method for Microstrip Patch Antenna Design," IEEE Trans. on Antennas and Propagation, Accepted for publication, 2001.
- P.S. Mallick, D. Mukhopadhyay, "Monte Carlo Simulation of electron transport in indium antimonide", at editors desk of Scripta Materialia, USA, 2002.
- A.Patnaik, "Neurospectral Method for Analysis of Circular Microstrip Antennas", International Journal of RF & Microwave Computer-Aided Engineering, Communicated for Publication. 2002.
- A.Chakraborty and G. Panda, "Evaluation of optimum amount of load shedding to prevent dynamic voltage instability in a longitudinal AC power transmission system", Indian Journal of Engineering and Material Sciences, CSIR, Vol. 9, Feb. 2002, 20 - 24, India.
- A.Chakraborty and G.Panda, Role of Transient HVDC Boost in the Improvement of Transient Stability of Longitudinal Power Supply(LPS), System IE(I) Journal EL, 184 - 88, Vol 81, March 2001
- **Conference Papers**
 - A.Chakraborty, C.K.Chanda and G.Panda, Effect of load composition on dynamic and steady state stability in a longitudinal AC power transmission system., AMSE France, 2001.
 - P.S.Mallick, "Monte Carlo calculation of electron mobility in CdSe, " Condensed Matter Days – 2001, Sambalpur (India), August 29 – 31, 2001.
 - Ashutosh ku singh, Ranjan Mishra, P.V.Rajeswari, Arvind Singh and Anand Mohan., "Signature based fault diagnosis in Digital circuit", National Conference of ISTE(Indian Society for Technical Education) held at KIIT, Bhubaneswar, 27 - 29 December, 2001.

- S.K.Panigrahi and BK Panda., "Estimation of Engel elasticity from the various formulations of Engel curves" , National Conference of the Indian Econometric Society held at Madras School of Economics, Chennai, 14 - 16 January, 2002.
- A Patnaik, "Possible Applications of Neural Network Theory in Condensed Matter Physics," Condensed Matter Days – 2001, Sambalpur (India), August 29 – 31, 2001.
- R. K. Mishra, A. Patnaik, " Neurospectral Analysis for Circular Patch Antenna," Microwave - 2001, Jaipur (India), November 2 - 4, 2001.
- A Patnaik, M Suresh, A. K. Panda, "Recent Trends in Microwave/MM wave Generator and Receiver" CSPIT – 2002, Burla (India), February 11, 2002, Accepted for Publication.

New arrival: Software/Hardware

We have recently acquired two process control simulation software packages. Interested persons can give their projects based on these. Contact with Prof Dasgupta in this regard.

- We received 4 microcontroller kits. Two of them are in Microprocessor lab and two of them are in Instrumentation lab. If you want to use these for projects or for research purpose you may contact Prof Dasgupta or Mr. M. Suresh.
- We have one Micro PLC (to be installed). Contact with Prof Dasgupta regarding this.
- Some Kits for the study of OPTICAL FIBER COMMUNICATION ENGINEERING/LIGHT WAVE ENGINEERING are arriving for the Light Wave Engineering(LWE) Lab. You can contact Dr. Partha S Mallick in this regard.
- We have now MATLAB version 5.3 together with three toolboxes(Symbolic Math Toolbox, Signal Processing Toolbox and Control System Toolbox). Contact Dr. Partha S Mallick to install it in your PC and for any type of clarification regarding this.

Mr Manash Das attended in a Workshop on Fiber optics and networking

Mr. Manash Das attended a "Workshop on Fiber optics and networking". The workshop was for 5 days where 16 participants have come from all over the country. It was basically on networking using fiber optics. The topics of the workshop were based on how the Optical-fiber system works, the physics behind it and its architecture.

Dr AK Panda and Mr M Suresh attended the 15th International Conference on VLSI design

Our Dean Dr AK Panda and Mr M Suresh attended the 15th International Conference on VLSI design at Bangalore, 11 - 14 January, 2002. They also attended the tutorials. To get the conference proceedings and to know about the VLSI based industries, contact Dr AK Panda and Mr. Suresh.

Jokes and Puzzles

Do U Know?

Meryleen Mahapatra

Q. If it took eight men ten hours to build a wall, how long would it take four men to build it?

A. No time at all it is already built.

Q. Approximately how many birthdays does one person has?

A. Just one. All the others are anniversaries.

Q. If you had three apples and four oranges in one hand and four apples and three oranges in the other hand, what would you have?

A. Very large hands.

Q. How can you lift an elephant with one hand?

A. It is not a problem, since you will never find an elephant with one hand.

Q. How can a man go eight days without sleep?

A. He sleeps at night.

Q. Why it is impossible to send a telegram to Washington today ?

A: Because it is dead.

Q. What often falls but never gets hurt?

A : Rain

Q. What is that no man ever saw which never was but always will be?

A : Tomorrow

Q. What can you never eat for breakfast ?

A : Dinner.

Q. What 3 letters change a girl into a woman?

A : AGE.

EPBX Bug

Manash Ranjan Das

An employee of a xyz company dials an extension and scolds him "Abhi tak chae koun nehin aya?"

from the other side he heard a rude tone complaining "You idiot!!!! do u know to whom u r talking to??"

employee: "No"

other side: "I am the Managing Director of the company, idiot"

employee: "Do u know to whom u r talking to??"

Managing Director: "No"

employee : "Good"

and puts down the phone

General

New Appoinment

- Mr Siba Prasad Samantroy and Miss Debabandana apta, have been recently appointed as LAB SUPERVISOR. They are presently working in Light Wave Engg. and Communication System Lab respectively. They did their diploma in the branch of Electronics and Telecommunication Engg from UCP Engineering School, Berhampur.

Trekking 2002

- An excellent Trekking expedition was held on February 10, 2002 from 'RAMAIHA PATNAM' to 'GOPALPUR SEA BEACH' through the beach (around 15 km). It was flagged off by our honorable Director. About 60 students participated in that expedition. Our colleagues Mr.I.Bhattacharyya, Mr. Vinay Kumar and some staff members accompanied them. They started at 9-15AM, the first person arrived at Gopalpur at 1-15PM and the last person at 2 -10PM. It was great!!! CONGRATS!!!!.

CONGRATS!! Partha and Suresh

CONGRATULATIONS! Mr M Suresh, for tying knot with Sucharita on December 9, 2001, at Hyderabad and Dr Partha S Mallick with Tina On Nov.19, 2001 at Calcutta. All the Best!!

In next issue...

- **CIT - A Review**
- **Person of the Month**
- **NIST Intranet, and**
- **many other news as usual**

The next issue will be published on 15th March, 2002. Send your message on or before March 10, 2002 to our e-mail address : NISTe_News@yahoo.com.