

## Message from the Director



In the last two weeks the placement scenario has been very bright. It has been as if the dam has finally broken and the flood is all over us. Within a span of three days we had 53 students selected in *Infosys*, *Satyam Computers* and *Tata Elexi*. The *Tata Elexi* success is important since it was technology driven and out of 11 students selected from all over Orissa – five were from NIST. Again from 8th May to 12th May the campus was visited by three top-notch companies: *HCL Infosystems*, *CG-CoreEL* and *Satyam Computers, Inc* and

*2Com*. The total recruitment by them was 40 students. Our students again convincingly demonstrated their superiority in *Tata Consultancy Services* and *L&T Infotech* where they bagged 18 and 25 offers respectively – a total of 43 students. But before we open the champagne, first let us introspect on our capabilities, our strengths and areas of improvement. Let me focus where we need to improve: **COMMUNICATION SKILLS**. Most of the students will be bored if I keep repeating about it, but at the pain of their displeasure, let me mention again. English is the lingua franca of the world. India's prowess is its large number of English speaking technical people. We are no longer working with a client whose face we can see or whose lips we can read. The client is thousands of miles away and everything depends on the "heard word" or the "written word". If we fail to listen or comprehend clearly, then we disappoint our client and finally our company. It is not about talking in English but communicating. Our Institute invented Pre-Placement Training (PPT) as a part and parcel of engineering curriculum. Let us completely focus on improving our communication skills. How about joining a Personality Development Program (PDP) or a "**Spoken English**" class right away.

June 30, 2004

(Sangram Mudali)

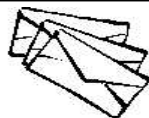
## Message from the Editor

The past month was one of the happiest in my last 4 years as a NISTian. It was the happiest because it was a month of stupendous student's achievements. More than 150 students proved their talent by getting jobs in top-notch companies of the world. We appreciate their diligence, devotion, perseverance and scholarship. This achievement has not only opened the doors for them, but also inspired the juniors to take on to the path of success. Our *Ashirvad* is always for them. I congratulate the first M.Tech student **Prabir K Samanta** and the first MCA student **Mohua Pradhan** who have got job offers from *TCS*. They have shown the way to all the rest PG students.

I congratulate all the M.Tech students who are joining the top research Institutes/Organisations of the country like CEERI Pilani, IIT Kharagpur, Adya Systems, ICRS Jodhpur, etc., for their one year M.Tech Research Projects.

June 30, 2004

(Partha S Mallick)



### Letters to the Editor

**Date:** Sun, 2 May 2004 09:32:14 -0700 (PDT)

**From:** "e purna chandra subudhi" <purnavishala@yahoo.com>

**Subject:** thanks

**To:** niste\_News@yahoo.com, nist\_placement@hotmail.com

**Dear Sirs,** I am very happy that my son, E. Srinivas, Roll No. 200118229, got selected by Infosys in their campus recruitment held at BBSR on 28th/29th April 2004. I would also like to congratulate all the other 23 students who got through the interviews. I thank all the faculties of NIST for his success & pray the Almighty God for the overall prosperity of this No. 1 engineering college of South Orissa. The dedicated work of the faculties is also reflected in the recently published University results of 3rd semester in which my ward became the topper securing 89% of marks. Now, a small suggestion: A parents' meeting should be arranged at least once in a year to express our views & to interact with the management. Thank you once again.

**E. Purna Chandra Subudhi**

**From:** siddhartha\_panda <siddhartha\_panda@indiatimes.com>

**Subject:** NIST

**Date:** Fri, 02 Apr 2004 10:12:29 IST

**Hi,** How is NIST? How is things going over there. These days market is good. Must be lots of companies coming to NIST. College days were good. Things are pretty much changed in professional life. So till the date you are in college, enjoy like anything and spend lot of time with your friends. Presently, I am in EMC. You must be knowing it. It is a very big player in the field of storage. Three/four months back only it launched its India operation. Basically I am working on storage networking and virtualization products. In my previous company, that is in Wipro, I was also working in the storage domain. It's a very upcoming field. Its basically system side, I mean kernel programming, networking or system programming.

NIST students are welcome to contact me anytime, **Siddhartha Panda.**(The mail was sent to one of our NISTe\_news representatives, Sunita Panigrahi).

#### *Our Student Representatives*

**Aruna Kr Tripathy, Manoranjan Jena, Sunita Panigrahi, Sudhansu Sekhar Sadangi, Vivekananda Dora, Rohan Gupta, and Arun Reddy.**

*The next issue will be published on July 15, 2004.*

*Send your message on or before July 10, 2004 to*

*niste\_News@yahoo.com.*

*Thanks. --- NISTe\_news*

## News Corner

### Recruitment by Satyam

#### --- best performance by NISTians

24 students of our 2000 batch have been picked up by the Satyam Computers, Hyderabad in the last week. This is the highest number of students from any engineering college of Orissa recruited by *Satyam*. After the successful placement of previous batches, NIST is planning towards 100% placement of this batch. Many companies have already showed their interest to visit NIST for recruitment in the coming two months.

### NIST faculty invited to work at CEERI, Pilani



NIST faculty Mr. G V Kiran Kumar was invited by Dr R S Raju, Scientist, CEERI, Pilani to work for one of his ongoing projects at CEERI, Pilani. CEERI is expecting to utilize Mr Kiran's expertise on CAD of Electron Focusing System using numerical techniques. Before joining NIST, Mr Kiran Kumar worked for the same project as a visiting scientist.

### 2COMS consultancy services visited NIST

2COMS consultancy services visited our campus on May 14, 2004 for 2000 batch students. They selected 7 students for the recruitment in **GE Capital** and **Convergys**.

### Pre-Placement training for NIST students

Career Launcher recently conducted a training program for NIST students at NIST Center of Excellence, Bhubaneswar. More than 180 students participated in the 7-day program. They trained the students on How to face interview, Group Discussions, etc.

### NIST participated in the 13<sup>th</sup> Career Fair

NIST participated in the 13th Career Fair organised by "AFAIRS" of Kolkata at Bhubaneswar, Kolkata, Ranchi in the month of May 2004. The Bhubaneswar fair was inaugurated by the honorable speaker of Orissa legislative Assembly, Sri. Sarat Kar at

Hotel Swosti Plaza on the 1st of May 2004 and continued till 3rd of May, 2004. Sri. Kar showed keen interest while Prof. Arun Kumar Patnaik briefed him about the various activities and development programmes of NIST. He was impressed by the remarkable achievement of students in getting placed in various companies of repute. Prof. Arun Patnaik & Mr. M. Manoj Kumar represented the Institute at Bhubaneswar fair.

The Career Fair at Kolkata was held from May 6-9, 2004 at the Ice Skating Rink which was presented by Prof. Arun Patnaik, Dr. Partha S Mallick & Mr. Santanu Mukherjee and at Ranchi from May 14 – 16, 2004 at Ranchi Club presented by Mr. Sidharth Nilamani, Mr. Harihara Padhy & Mr. Krishnakant Das. About fifty organizations from different fields of Engineering,



Management, Architecture, MCA, Biotechnology, Medical etc. took part in the Career Fair of Kolkata. The response from students at all the three places was quite satisfactory and encouraging. Most of the parents expressed their good will about our Institute and praised the quality of studies.

## Research and Development

### Conference Paper

1. **S K Upadhyay, S R Samantaray and J Mohanty**, Systems approach in energy management: An efficient criteria for sustainable growth of an organisation - Accepted for publication in the proceedings of the International Conference on Systems thinking in Management, ICSTM – 2004 to be held at University of Pennsylvania Philadelphia, USA on May 19-21, 2004.

**Alumni Page****From Mailbox:****Date:** Mon, 3 May 2004 12:08:19**From:** " <lzsamantaray@kanbay.com>**To:** <b.k.dash@lycos.com>

**Respected Basanta Sir,** Hope you must be fine and remember me. I have joined Kanbay on 20th March, 2004. I am at Hyderabad. Actually I am sending you this mail because I am indebted to your help in my engineering. You encouraged me in my studies in 5th Semester. That gave me a lot of confidence and also you are my mentor in BE project. I was preparing for MBA and got through many college written exams (ximb, tapmi, imdr, nmims, icfai). In the mean time, I got it in Kanbay. I preferred to join Kanbay and will do MBA later. Sir, I am really indebted to you and seek your blessings for my future. Regards, **Lagnajit Samantaray, Kanbay Soft(P) Ltd, Madhapur, Hyderabad**

**From:** ramakrishnad@mastek.com**To:** smudali@hotmail.com, ravipreddy@yahoo.com, rontjen@rediffmail.com, jagmohanty@rediffmail.com**Subject:** Long Time ..Any Developments???**Date:** Wed, 5 May 2004 20:45:38 +0530

**Hello sirs,** Mailing to everyone after a very long time. So, how's life with everybody? How is NIST. I keep hearing that a lot of people are getting recruited in companies...that's good. The software market is in full swing and this is the right time to get into a software company, unlike a couple of years ago, when there was so much recession...forget it, let's think something bright. Speaking of something bright.... I am presently in UK now for an on-site project assignment. The assignment is for one year for sure, and will most probably extend until three years. So please be in contact with me and mail me at this ID whenever you find time...UK is a very beautiful place...maybe a lot of things that I can fill in here about UK...

but it's not as good as India..... I miss India a lot. All that I am today, I owe a lot of it to NIST. Thanks. I am extremely sorry as I have missed a lot of people in the mailing list. Please forward this mail to them if you can. **D Ramakrishna, Mastek (UK)**

**Question of the Month****Should Govt. encourage more Private Universities? .....YES/NO**

Send your answers before 10th of next month with a short reason to the Editor at **niste\_news@yahoo.com**. Results will be published in the next issue.

The Question of the last month was " Is Democracy a success in India?" This time response was not so good. Here are the some of responses...

**From:** "madhulika kumari" <kumarimadhulika@yahoo.co.in>

Yes, since after the independence, democracy has been proved successful in India. India has already obtained the name as the largest democratic country in the world. People of India have proved it several times. In fact, India is an inspiring example as a democratic country for the rest of the world.

**From:** Asit das, 4th Semester" <kumar\_asit20022000@yahoo.co.in>

No, I don't think democracy is a success in India. Due to democracy anyone without educational qualification can contest in election. A person can contest from more than one constituency at a time and if he wins from the both then re-election is held. Even sometimes criminals can contest. Most of the voters don't understand the meaning of democracy, still they can vote. So democracy is not a success rather it is failure.

### Career Corner

#### Knowledge Teasers

Kushal Bhut & Manmit Singh, Final Year

1. Where in Bangalore would you find the following words inscribed 'Government's work is God's work'?
2. Who is the present Defense Minister of India?
3. The two pioneers in their field were working within 50 kms and both produced a motorized vehicle in 1850's. They never met each other but their companies merged after their death. Identify the duo?
4. 'Heart of Darkness' Written by whom?
5. William Owen admired Francis Barraud's 1889 painting of his brother's fox terrier dog and paid him to redo the painting and adopted it as the new trademark for his recording company. The old trademark is known as "Recording Angel". Identify the company founded by him and the famous trademark icon?
6. This vehicle was used for all general purposes during the World Wars and it was said that it could do anything but talk. What?
7. What is the currency of Nepal?
8. SAARC – stands for?
9. Prime Minister Monmohan Singh did his Ph.D from which University?
10. *America* - discovered by whom?

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

*(Among the responses received only one was able to provide all the 10 correct answers. Answers with Questions are given below).*

1. What term, meaning "Good Death" is given to mercy killing or administering death to terminally ill patients?( Euthanasia)
2. The brainchild of three Scotsmen, it was issued in 100 parts, acquired by Sears, Roebuck in the early 1900s, then by William Benton and now by a businessman called Jacob Safra? Which famous institution?(The Encyclopedia Britannica)
3. Precision Optical Instruments Laboratory was founded in 1933 in Ruppongi, Minato-ku, Tokyo, and adopted a new name in 1947. What name did the Company adopted?(Canon Camera Co Inc)
4. Shyam Benegal's movie 'Manthan' had a record of having more than a thousand producers. Who were they?(Contributions from cooperative society of farmers who form AMUL)
5. What was born in a pub in London during a bar room argument on which bird was the fastest in the British Isles? (The Guinness Book of Records)
6. Which king, the son of Sage Pulyasta was an accomplished veena player and his royal flag bore it as his insignia?(Ravana)
7. Recently who has broken the Test record of Mathew Hyden of Australia?(Brian Lara)
8. PTI – stands for?(Press Trust of India)
9. The Nobel prize was achieved by an Indian and recently it was stolen. Which Nobel prize and of whom?(Nobel prize in Literature, Rabindranath Tagore in 1913)
10. *Photoelectric effect* – invented by whom?(Albert Einstein)

CONGRATULATIONS!!

**gangotri mohanty(gangotri\_m@sify.com)**

**- For sending all correct Answers**

## Placement News of the Month

**Batch: 2000 - 2004**

<b>S. No</b>	<b>Name of the student</b>	<b>Name of the Company</b>
1.	Padmaja Aray	Satyam, Hyderabad
2.	D Anil Reddy	Satyam, Hyderabad
3.	Sefali Mishra	Satyam, Hyderabad
4.	Bishnupriya Behera	Satyam, Hyderabad
5.	Surjeet Mishra	Satyam, Hyderabad
6.	Sucharita Ghosh	Satyam, Hyderabad
7.	Abhisek Sahu	Satyam, Hyderabad
8.	Manmit Singh	Satyam, Hyderabad
9.	Prithwiraj Roy	Satyam, Hyderabad
10.	R Naveen Kumar	Satyam, Hyderabad
11.	Rupesh Prasad Patro	Satyam, Hyderabad
12.	Rohan Kanungo	Satyam, Hyderabad
13.	Rishikesh Kumar Sinha	Satyam, Hyderabad
14.	Amrit Pattnaik	Satyam, Hyderabad
15.	Avinash Agrawal	Satyam, Hyderabad
16.	Sweta Sahu	Satyam, Hyderabad
17.	Kedarnath Badrinath Nayak	Satyam, Hyderabad
18.	Sthita Pragyana Nayak	Satyam, Hyderabad
19.	Parthasarathi Adhikari	Satyam, Hyderabad
20.	Siddharth Mahapatra	Satyam, Hyderabad
21.	Kushal Bhut	Satyam, Hyderabad
22.	Aurobinda Mohapatra	Satyam, Hyderabad
23.	P Krishna Chaitnya	Satyam, Hyderabad
24.	Badrinath Mohapatra	Satyam, Hyderabad
25.	Saroj K Satapathy	Tata Elxi, Bangalore
26.	G. Santosh K Rao	Tata Elxi, Bangalore
27.	Epari Aurobinda Sagar	Tata Elxi, Bangalore
28.	K. Santosh Kumar Rao	Tata Elxi, Bangalore
29.	Anshuman Padhy	Tata Elxi, Bangalore
30.	Rajalakshmi Sahu	CG CoreEL, Bangalore
31.	Sibajit Pattanaik	CG CoreEL, Bangalore
32.	Pravat Kishore Nayak	CG CoreEL, Bangalore
33.	Suresh Kumar Shadangi	CG CoreEL, Bangalore
34.	Srivaths Balasubramaniam	Indian Seamless Metal Tube, Pune
35.	Swastik Bharati	L & T Infotech
36.	Auro Prakash Das	L&T Infotech
37.	Abhishek Panigrahi	L&T Infotech
38.	Lalatendu Pattnaik	L&T Infotech
39.	A Kameshwar Sharma	L&T Infotech
40.	Mihir Kumar Panigrahi	L&T Infotech
41.	Praveen Kumar Gadi	L&T Infotech
42.	Satya Sobhan Patnaik	L&T Infotech
43.	Amita Panigrahi	L&T Infotech
44.	Kishor Jhunjhunwala	L&T Infotech
45.	Gayatri Gouda	L&T Infotech
46.	Anuva Panigrahy	Infosys

47. S. Satish Kumar	Infosys
48. Rakesh Korada	Infosys
49. Amit Haldar	CTS
50. Ashutosh Pradhan	VCUSTOMER
51. Supriyo Choudhury	VCUSTOMER
52. Leena Das Adhikary	VCUSTOMER
53. Sourav Bhuyan	VCUSTOMER
54. Arun Rangesh	VCUSTOMER
55. Nishant Das	VCUSTOMER
56. Anindita Bose	Wipro Spectramind
57. Sunil K Rao	Motorola, Mumbai
58. Pradipta K Satpathy	Motorola, Mumbai
59. Shakti Ashirbad	Motorola, Mumbai
60. Sangeeta Prusty	Motorola, Mumbai

***Batch: 2001 - 2005***

61. Aswini Kumar Valapala	Infosys, Bangalore
62. Sudeep Mishra	Infosys, Bangalore
63. Durga Prasad Mishra	Infosys, Bangalore
64. Goutam Dash	Infosys, Bangalore
65. Priyadarsini Panda	Infosys, Bangalore
66. Anupam Pramanik	Infosys, Bangalore
67. Amrita Mishra	Infosys, Bangalore
68. Jitendra Tripathy	Infosys, Bangalore
69. Gourav Poddar	Infosys, Bangalore
70. Biswajit Mishra	Infosys, Bangalore
71. Anindya Kumar Jena	Infosys, Bangalore
72. Saroj Kumar Suaro	Infosys, Bangalore
73. E. Srinivas	Infosys, Bangalore
74. R M Krishna	Infosys, Bangalore
75. Bhawani S Kar	Infosys, Bangalore
76. Amit Kumar Dash	Infosys, Bangalore
77. Pradeep Kumar dash	Infosys, Bangalore
78. Supreeti Mishra	Infosys, Bangalore
79. Surya Kant Routray	Infosys, Bangalore
80. Anshuman Mishra	Infosys, Bangalore
81. Malay Kumar Dash	Infosys, Bangalore
82. Padmaleena Kavita	Infosys, Bangalore
83. Ruchika Dora	Infosys, Bangalore
84. Deepak Nayak	Infosys, Bangalore
85. Avindan Das	Satyam, Hyderabad
86. Ashok Verma Bangu	Satyam, Hyderabad
87. Bisweswar Pradhan	Satyam, Hyderabad
88. Chinmoyee Mishra	Satyam, Hyderabad
89. D. Suresh	Satyam, Hyderabad
90. Danish Kumar Hota	Satyam, Hyderabad
91. Dipanjali Pattanaik	Satyam, Hyderabad
92. Manoj Kumar Sahu	Satyam, Hyderabad
93. Manoranjan Sahoo	Satyam, Hyderabad

94. Mohua Pradhan	Satyam, Hyderabad
95. Pradeep Nandagiri	Satyam, Hyderabad
96. Pramoda Padhy	Satyam, Hyderabad
97. Pragyan Paramita Mohapatra	Satyam, Hyderabad
98. Samyak Pattanaik	Satyam, Hyderabad
99. Sarat Kumar Behera	Satyam, Hyderabad
100. Smiti Rashmi Guru	Satyam, Hyderabad
101. Soumen Sarkar	Satyam, Hyderabad
102. Srikant Mishra	Satyam, Hyderabad
103. Suman Kada	Satyam, Hyderabad
104. Suresh Chandra Mattha	Satyam, Hyderabad
105. Tapaswini Mishra	Satyam, Hyderabad
106. Tarini Prasanna Rath	Satyam, Hyderabad
107. Varun Kumar Sahu	Satyam, Hyderabad
108. Vinay Kumar Tiberwal	Satyam, Hyderabad
109. Vivekananda Dora Madesi	Satyam, Hyderabad
110. D. Kartik	Satyam, Hyderabad
111. Soubhagya Mishra	L&T Infotech
112. Barada Prasad Panda	L&T Infotech
113. Snehasmita Kottakota	L&T Infotech
114. Bijoy Kumar Tripathy	L&T Infotech
115. Puspanjali Patra	L&T Infotech
116. Ravi Krishna Y	L&T Infotech
117. Swadhin Kumar	L&T Infotech
118. Deepak Rn Mohanty	L&T Infotech
119. Ayan Mishra	L&T Infotech
120. Mahavir Hanuman Mahapatra	L&T Infotech
121. Soumya Ranjan Mekap	L&T Infotech
122. Banahansi Gantayat	L&T Infotech
123. Ashish Padhy	L&T Infotech
124. Jijnasha Pattanayak	L&T Infotech
125. Ashwini Kumar Panda	TCS
126. Biswajit Pattnaik	TCS
127. Deepak Kumar Jena	TCS
128. Deepak Kumar Sahoo	TCS
129. Murali Mohan Rath	TCS
130. Anand R	TCS
131. Dinesh Kumar Das	TCS
132. Dipti Ranjan Khuntia	TCS
133. M. Pradipta Kumar Subudhi	TCS
134. Sudatta Rath	TCS
135. Amit Kumar Sahoo	TCS
136. Devraj Sabat	TCS
137. Manoj Kumar Behera	TCS



138.	Prabira Kumar Samanta	TCS
139.	Alok Ranjan Mohanty	TCS
140.	Potula Ravi Kumar	TCS
141.	Sourya Prakash Parida	TCS
142.	Manish Kumar Agrawal	TCS
143.	Prafulla K Sadangi	IBM, Kolkata
144.	Atanu Kumar Padhy	IBM, Kolkata
145.	Aditta Kumar Pattnaik	IBM, Kolkata
146.	Alimpan Basu	IBM, Kolkata
147.	Ashok Kumar Chowdhury	IBM, Kolkata
148.	Jiten Mishra	IBM, Kolkata

## Library Facilities

**Prasanta K Choudhury**

*A good book is the best of friends, the same today and forever – Martin F Tupper.*

NIST library is providing more than 30,000 such good friends to the students. Around 9000 titles are available for all of them. NIST library is also providing the following facilities:

1. Open Learning Centre with multimedia ready PCs with CBTs, Videos from IITs, etc.
2. Book bank facility (30 students of each semester get all text books free)
3. Library Software - Students are able to browse the books and collect all information.
4. Internet facility available from 7:30AM to 7:00PM.
5. Photocopy facility is also available from 7:30AM to 5:00PM
6. In case of power failure, the generator facility is available
7. 30 National/International journals, 35 magazines, 500 CDs, 8 Newspapers, 2500 English Novels/Literature titles are currently available for NIST faculty, staff and students.
8. Hostel Library – Each hostel has its well equipped library for all residents.

Apart from these, NIST Food court is providing food, snacks, and cold purified water till 7PM for the library users.

## Summer Workshop for School Children on Robotics Shrikant Panda, Coordinator, NIST Robotics Club

**NIST Robotics Club** conducted a 15 days summer workshop exclusively for school children of standard 8th to 12th from May 1st to May 15th, 2004. The participants included school children from DAV Public School, De-Paul School, KC Public school, City High School, MKCG Campus High School, MAV School, Govt. Girls High School, Viswanath High and Technical School, Balaji Vidyapitha Konisi School, Saraswati Sishu Mandir, Kendriya Bidyalaya.

The entire workshop was divided into five sessions– (a) LEGO kit training session (b) Robot from JUNK session (c) Build Your Own Robot using LEGO kit session (d) Build Your Own Robot using ELECTRONIC components session (e) Robot Design Using 6-axis Robot. In all of these hands on training sessions groups of five students each were asked to select a theme and design and program the robot to depict the particular theme. The themes selected by the students included (a)School life (b)Draupadi Swayamvar (c)Sita Haran (d)Ahalya`s freedom from curse.

The models made were eye catching. The workshop was concluded by distribution of prizes by our Honorable Director to the best designed models as judged by our mentors. An IAFF(Indo-American Friendship Foundation) scholarship was also awarded to the best performing student of the workshop.

## Student's Corner

Ravish Ranjan, CSE, 5th Semester

### Student Activities

```
*/#include<nistlib.h>
#include<cafeteria.h>
main(){int boys, girls;
float ice-cream, cold-drinks;
printf("Hi, Hello, New friends\n");
scanf ("%d",& smile");
if (university exam>1 month)
{printf("Reading in library, gossiping\n");
printf("Get-together at Mayuri-Tower\n"); }
elseprintf("Studding Seriously\n");
return ( poor percentage of marks);}
ALT+F9: Your attendance is less than 75%;
CTRL+F9: Run in infinite loop for attendance clearance;
```

## Some Leading Companies..... Dr Partha S Mallick

For the benefit of NIST E-news readers we are outlining some of the world's leading companies having offices in India. In this issue we focus on VLSI, DSP, EDA and Embedded Systems related companies. Please visit the given Websites to know more about their activities, recruitment procedures, etc.

### CADENCE

World's leading electronic design firm. R&D facility in Noida, near New Delhi. Sales and Marketing operates from Bangalore office. **Website: [www.cadence.com](http://www.cadence.com)**

### ANALOG DEVICES

World leader in design, manufacture and marketing of devices for high performance Analog, Mixed Signal, DSP, Signal processing applications, etc. Its India product development center is in Bangalore. **Website: [www.analog.com/india](http://www.analog.com/india)**

### FUTURE TECHNO DESIGNS

Caters to all major VLSI/ASIC design houses and s/w development centres, provides very deep sub micron (VDSM)/IC design automation & offers tools for EDA. Offices are in Banagalore, Delhi, Pune, Chennai and Hyderabad. **Website: [www.futuretech.com](http://www.futuretech.com)**

### INTERRA

Focuses on EDA and Digital Video Applications. Most of the products are developed by Delsoft of Kolkata and Noida. **Website: [www.interra.com](http://www.interra.com)**

### CONTROL NET INDIA

Delivers state-of art software, Chip cores and services to the networking industry. Their world class design center is in Goa. **Website: [www.controlnetindia.com](http://www.controlnetindia.com)**

### D'gipro AUTOMATION and D'gipro SYSTEMS

Leading EDA solution provider in India and also distributes ASIC, FPGA and System level design Tools. It has offices in Banagalore, Delhi and Hyderabad. **Website: [www.dgipro.com](http://www.dgipro.com)**

**SYNOPSYS**

Synopsys is the technology leader for complex IC design. **Website: [www.synopsys.com](http://www.synopsys.com)**

**LIBRARY TECHNOLOGIES Inc**

Provides ASIC cell library development tools and services to IC designers.

**Website: [www.libtech.com](http://www.libtech.com)**

**APIX Inc.**

Provides solutions for designing and verifying complex electronic systems and SOC designs using Emulation Technology. **Website: [www.apitx.com](http://www.apitx.com)**

**SILICON INTERFACES**

Leads in the area of VLSI designs and s/w development. Its design center is at SEEPZ, Mumbai.

**Website: [www.siliconinterfaces.com](http://www.siliconinterfaces.com)**

**TEXAS INSTRUMENTS**

TI activity includes development of applications for creating, simulating, testing and verifying both logical and physical IC manufacturing process. **Website: [www.ti.com/in](http://www.ti.com/in)**

**SUN MICROSYSTEMS**

Provides industrial-strength H/W, S/W and services that power the internet and allow companies worldwide to dot-com their business. **Website: [www.sun.com](http://www.sun.com)**

**SAGE DESIGN SYSTEMS**

Provider of Digital Display processors. It's office is in Bangalore, a world class center of competence specializing in Technology development, Embedded S/W and all aspects Mixed Signal system on-a-chip design methodology. **Website: [www.sageink.com](http://www.sageink.com)**

**SPIKE TECHNOLOGIES**

Provides consultancy in the area of ASIC/FPGA Design and EDA solutions. Based in the Bangalore, India. **Website: [www.spiketech.com](http://www.spiketech.com)**

**REALCHIP**

RealChip specializes in design and supply of communication chip solutions.

**Website: [www.realchip.com](http://www.realchip.com)**

**PHILIPS SEMICONDUCTORS**

Develops System-on-silicon for Audio, Video and Communications. It has world class design competence center in Bangalore. **Website: [www.semiconductors.philips.com](http://www.semiconductors.philips.com)**

**IBM**

While best known for computers, IBM's full product line includes: Information processing services, Technology products and components, s/w, telecom Systems, Multimedia and imaging systems, related supply and services. India office is in Bangalore. **Website: [www.ibm.com](http://www.ibm.com)**

**IKOS SYSTEMS Inc.**

High performance design verification solutions including s/w and h/w simulation.

**Website: [www.ikos.com](http://www.ikos.com)**

**ICON**

Distributors for EDA s/w tools for designing CPLD, FPGA, ASIC and Microwave Designs.

**Website: [www.icon-dapl.com](http://www.icon-dapl.com)**

**INTEL**

Worlds largest chip maker...also manufacturer of Computer, Networking and Communication products. **Website: [www.intel.com](http://www.intel.com)**

**CIRCUS LOGIC**

Highly experienced in Multi-media audio, Video, DVD, Modems and High speed Networking, RTOS and windows based DD for SOCs. **Website: [www.cirruslogic.com](http://www.cirruslogic.com)**

**GDA TECHNOLOGIES Inc.**

Provides Digital Technology services. **Website: [www.gdatech.com](http://www.gdatech.com)**

**ARROW ELECTRONICS Inc.**

Authorised Distributor of Motorola, ON-SEMI, TI, Philips, ST, National Semiconductors, Cypress, IR, Toshiba, Vishay and Kemet. Headquarter in Bangalore.

**Website: [www.arrowasia.com](http://www.arrowasia.com)**

**BROADCOM**

Leading supplier of highly integrated system-level silicon solutions that enable broadband communications. Office is in Bangalore.

**Website: [www.broadcom.com](http://www.broadcom.com)**

**LUCENT TECHNOLOGIES**

It designs, builds, and delivers a wide range of public and private networks, communication systems and s/w, and microelectronics components. Bell labs is the research and development arm of Lucent. Lucent's Microelectronics group designs and manufactures ICs, Optoelectronic components and Power systems for the computer and communication industries.

**Website: [www.bell-labs.com](http://www.bell-labs.com) or [www.lucent.com](http://www.lucent.com)**

**Scholarships/Stipends available at NIST****□ *Siva Sankar Bishoyi Scholarship***

To commemorate the memory of our late student, **Siva Sankar Bisoyi**, who met a tragic accident on August 20, 2002, NIST is providing a scholarship called the SIVA SANKAR BISOYI SCHOLARSHIP AWARD. The value of this award is Rs. 10000/- (Rupees Ten Thousand Only) and will be given to one OUTSTANDING STUDENT based on MERIT cum MEANS criteria. This scholarship also includes book grant. BE/MCA students are eligible to apply. This year Surya Kanta Rout Roy of EIE, 2001 batch got this scholarship.

**□ *Post Matric Scholarship (PMS)***

Post Matric Scholarship (PMS) is one of the scholarships of Govt. of Orissa. This is a financial assistance for SC/ST students studying at Post-Matriculation stage to enable them to complete their education. Many NIST students got this scholarship.

**□ *Welfare Fund at NIST***

As per recent Government of Orissa notification TTI-44/2003/15764 dated 9/9/2003, the operation of the WELFARE FUND will be as per the following guidelines:

1. Only registered students of BPUT admitted during the academic year 2002-03 and subsequent batches will be eligible under the Welfare Fund scheme.
2. On death of father/financing guardian, the student concerned will apply to the Director in the prescribed format alongwith necessary documents.
3. The application will be processed through various stages in Institute & in BPUT.
4. On final approval, the student is expected to receive full financial support for all the remaining years of his/her study.

#### □ Economic Hardship

NIST is providing **Economic Hardship Scholarship** to the students from each batch. Each of the selected students will get Rs.500/ per month. Generally 5-7 students of each batch avail the facility.

#### □ Teaching Assistantship

Academically outstanding students of each batch are offered Teaching Assistantship amounting to Rs. 700/- per month. These students assist the faculty in the running of a course during a semester including grading of assignments, tutorials, etc.

#### □ Book bank facility

NIST is providing free book bank facility to 30 students of each semester. The selected students are getting all the books free in each semester. Here are some students who got this facility - Anshuman Panda, Amit Kumar Mohanta, Swarvanu Chatterjee, Jitendra Kumar Mohanty, Asit Kumar Panda, Manas Ku. Pradhan, Alok Rashmi Choudhury, Santosh Kumar Mohapatra, Subrat Ku. Panigrahy, Dharmendra Ku. Singh, Jitendra Ku. Das Mohapatra, Nityanand Saraf, Golak Bihari Naik, Utkal Ketan Pattnayak, Karniel Mandal, Balakrishna Gupta, Navin Kumar, Suman Kumar Nanda, Tattwadarsi Biswal, Gyanarajan Bahali, Sujata Ku. Devi, Sarmila Padhy, M. Vijaya, Ajay Ku.Nayak, Niharika Biswal, Sudarsan Prasad Soy.

#### □ Scholarship for M.Tech students

NIST is providing monthly scholarship of Rs 5000/- (to all GATE qualified students) and Rs 3000/- to all non-GATE qualified M.Tech students.

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## **NIST faculty in some key research areas**

NIST is reputed for its highly qualified, distinguished young and dedicated faculty members. Each faculty member is a part of a research area in the Institute. NIST boasts of 3 Boyscast Fellowships, UGC Fellowships, two Fullbright Fellowships, numerous Post-Graduate Fellowships within a short span of 8 years. We have mentioned below some of the key research groups in the Institute.

### ***Embedded system and Optimization techniques***

**Dr Ravi P Reddy**, B.Tech(IIT Kgp), MS(University of Houston, USA), Ph.D(University of Houston, USA), Ex Asst Professor., University of Houston, USA. Author of 2 books

**Mr Anisur Rehman**, M.Tech (ISI, Kolkata), 2 years of Industry experience

**Mr Bhawani S Pattnaik**, BE (NIST), 2 years of Industry experience.

### ***CAD/CAM and Robotics***

**Prof Sangram Mudali**, B.Tech(IIT, Kanpur), MS(University of Houston, USA), 8 years of Industry experience.

**Mr R K Shial**, ME (Bengal Engg college, Calcutta)

**Mr. Shrikant Panda**, BE (NIST)

***Pattern recognition and Data Mining***

Ms Geetika Mudali, B.Tech(Osmania University), MS(New Jersey Inst. of Tech., USA)

Mr Indraneel Mukhopadhyay, M.S(University of Clark, USA), 2 years of Industry experience

Mr Siddartha B Nilmani, M.Tech, CCNA Certified

***VLSI Design and Engineering***

Dr A K Panda, PhD(SU), Boyscast Fellowship(USA), ICTP Sr. research Fellow. Trieste, Italy

Dr Asutosh Singh, PhD(IT, BHU), Post Doc(University of Bristol, UK), Author of 3 books.

Mr M Suresh, ME(Jadavpur University), ICTP Junior Research Fellow, Trieste, Italy

Mr Susanta K Das, M.Tech(IIT, Delhi), continuing PhD

Mr Sumit Chatterjee, M.Tech (IT, BHU)

Mr N Srinivas, M.Tech (IT, BHU)

***Semiconductor materials***

Dr Biplab Ganguly, PhD (IIT, Kanpur), 8 years teaching experience

***Material Synthesis***

Dr AK Padhy, M. Phil(BU), PhD(BU), Post Doc(University of Denver, USA)

Mr Harihara Padhy, MSc(BU), M.Phil(BU)

***Optoelectronic material, Devices and Fiber-Optics***

Dr Partha S Mallick, PhD(Jadavpur University), Jawaharlal Nehru Scholar, Supervising PhD students, 4 years of Industry experience

Mr Ranjan Mishra, M.Tech(Bardhwan University), continuing PhD

Mr Dutikrusna Panda, BE(NIST), continuing PhD

***Advanced Electromagnetics and Wireless Communication***

Prof N Das, B.Tech(IIT, Kgp), M.Tech(REC, Rourkela), PhD(Jadavpur University), Ex. Professor of UCE, Burla

Mr Rowdra Ghatak, M.Tech(Bardhwan University), continuing PhD

***Microwave Engineering***

Dr Amalendu Pattnaik, PhD(BU), Boyscast Fellowship(USA)

Mr G V Kiran Kr, M.Tech(IT, BHU)

***Industrial Automation***

Mr Abhro Mukherjee, MS(Ecole Centrale de Lille, France), 3 years Industrial experience

Mr Vivek Sharma, M.Tech(University of Punjab), 2 years of Industry experience

Mr. Manoj Kumar, BE (NIST)

Ms. Suchilipi Nepak, BE (NIST)

***Digital Signal Processing***

Dr Saroj Meher, PhD(NIT, Rourkela), 3 years teaching experience

***Graph theory and Complexity of Algorithm***

Dr P C Biswal, PhD(IISc, Bangalore), ex faculty of BITs Pilani.

***Mathematical Fluid Dynamics***

Dr Motahar Reza, PhD(IIT, Kgp)

**Differential Equations**

**Mr Pallab Kumar Kar**, M.Sc, M.Phil, Continuing Ph.D, 8 years of Teaching Experience  
**Ms Sunati Panda**, M.Sc, M.Phil

**Literary theory**

**Dr Deepa Chaterjee**, PhD(IIT, Kanpur), 1 year teaching experience  
**Mr Anjan Dasgupta**, MA, M.Phil(Calcutta University), 3 years teaching experience

**Control Systems**

**Mr B K Dash**, ME(Bengal Engg college, Calcutta), continuing PhD

**Power Systems**

**Mr G Panda**, ME(Bengal Engg college, Calcutta), continuing PhD  
**Mr A K Barisal**, ME(Bengal Engg college, Calcutta)  
**Mr Subharnshu Samantaroy**, BE(UCE, Burla), continuing PhD

**Why did you choose NIST for Engineering Education?**

NISTe\_News reporters got some written feedback recently from students on “Why did they choose NIST for Engineering Education”? Here are their opinions...

**Tapas Kumar Kundu, Roll: 200310437, ELE**

As we are in the world of severe competition & as the engineering colleges are piling up day by day so in order to choose the best college from the heap, we have to check that which college is giving maximum recruitment and the main thing is, which college has an academic excellence? By checking all these criterion, I found NIST is the best. That’s why I chose NIST for engineering education.

**Pankaj Nayan Sabat, Roll: 200213377, ECE**

NIST is one of the best engineering Colleges in Orissa. It gives a very good teaching/training in software. Many good lecturers are here. This college has a good campus & a very good placement record. I joined here because NIST is very near to my town & I want to be a good engineer.

**Jayashree Mahapatra, Roll: 200350421, Branch: ECE**

I got impressed hearing about

1. the renowned faculties holding good degrees.
2. Tight schedule
3. Infrastructure with ample computer systems provided to each student
4. Good Placement in good companies
5. Last but not the least, it is endowed with beauty in the nature’s lap

**Smita Rani Padhy, Roll: 200350416, EIE**

I chose NIST, because-

1. I was happy with its excellent results.
2. Its regularity & disciplined way of teaching attracted me
3. Many of my seniors followed the same way; the faculties taught them & they got good jobs.

Now I am hearing about the success of many of my seniors during this one year.

**Sarbeswar Meher, Roll: 200017213, IT**

It provides quality education specially it is good in software. I had a wish to have my career in IT. I could have joined in REC or Burla. But I preferred NIST.

**Ambar Kumar Patro, Roll: 200017178, IT:** 4 years back when I was preparing for JEE, I heard about NIST from my friends and my brother that NIST provides a lot of support and feasible environment for the computer interested students. So when I got 270 rank, I joined NIST in IT.

**Swastik Bharati, 5<sup>th</sup> Semester, 200017173, CSE**

That was the crunch period of my career. I had to choose between some lower ranked REC's and NIST. Finally, suggestions from some cognoscenti made my task easier now I can see that NIST is the fast grooming engineering college having state of the start facilities, nice infrastructure, disciplined, highly qualified faculty and eye catching campus. I am proud and happy for the decision I took three years ago in joining NIST, *the IIT of Orissa*.