

INTERFACE

IN HOUSE NEWS LETTER

From the department of

INFORMATION TECHNOLOGY



NARULA INSTITUTE OF TECHNOLOGY

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Prof. (Dr.) B.K Medya

Mr. Soumen Ghosh

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Chairman's Desk

I always experienced a yearning to acknowledge my responsibilities and reciprocate by contributing to the growth and development of our society. Years ago when I visited my son's school, I perceived that the best way to advance society is by fostering education and it was at that moment that the dream and vision of JIS Group Educational Initiatives was conceived.

Publishing departmental news letter indicates a continuous growth of not only the department but also the faculty and students.

I wish the best for all our students, and the members of the college who reiterate their aims at providing the best in academic and extra-curricular fields on excellent lines.

Sardar Jodh Singh



Director's desk

I must compliment the faculty, staff and students of IT Department, Narula Institute of Technology for carrying the dreams and aspirations of the founding fathers of the Institute by involving themselves in many research, training and policy advocacy activities that have been reported in the Newsletter. The Institute has been relentlessly strengthening its activities and focusing on the thrust areas. In 2012, more testing challenges await the Institute, and I am sure the IT Department, Narula Institute of Technology fraternity will not be found wanting in meeting them

Prof. (Dr.) Asit Guha

**Principal's desk**

The idea of publishing the news letter keeps the surroundings aware of what developments are going on in a department. It not only encourages the faculties as well as students to explore their ideas but also provides recognition to their contribution to the engineering field.

I congratulate IT department for the initiative of publishing this news letter and wish that the content of the news letter increases not only quantitatively but also qualitatively every time it is published.

Prof (Dr.) J.K. Das**HOD'S desk**

The Information Technology Department of this premier Institute equips the students with practical based knowledge modelled upon developments in software technology and its application in the relevant fields, both traditional and emerging.

We guide the students in proper direction amidst an atmosphere of open mind-set to make them inquisitive about the emerging technologies with sufficient theoretical and practical training enabling them to readily adapt themselves in the global market.

The I.T. infrastructure present at NIT consists of state-of-art Computer Labs with high speed internet connection. Professional liaison with leading Training and Research Institutes of the country are maintained for fruitful collaborations in emerging trends in the area of Information Technology.

Prof. (Dr.) Bidyut K Medya

Departmental news

✓ **LAB UPGRADATION THROUGH MODROB**

AICTE has granted funds for modernization and removal of obsolescence for one lab run by IT Department .

S. NO.	Approved Items (As per proposal)
1	Desktop PCs(ordered)
2	Adobe Premiere Pro CS5.5(10 Users)
3	2 Online UPS(6KV) (already delivered)

✓ **VISIT OF EMINENT PERSON TO THE DEPARTMENT TO BE GIVEN**

M.O.U has been signed with Infosys Campus Connect.Mr. Bhupesh Deka(D.C of Infosys) came several time for different training proposal.

Student achievement

Following students of 2011 passout batch of IT dept are admitted to pursue ME/M-Tech/MBA course at different Universities/Institutes for higher study.

Sl No.	Name of student	Institute/University	Course name
1	Ms. Debarati Ghosh	BESU	M.Tech
2	Mr. PurushottamThakur	Jadapur University	M.Tech
3	Mr. Navin Kumar	Jadapur University	M.tech
4	Mr. Santanu Datta	BESU	M.Tech
5	Ms. Sayani Ghosh	University of Colorado	MS
6	Ms. Sayani Nandi	Indiana University	MS
	Ms Nikita Pandey	Indiana University	MS

Student participation

1. Mr. Arittra Pramanick participated and achieved 3rd position in Spring Fest 2012 (Youth Marathon) organized by IIT Kharagpur , in the year 2012.
2. Indranil Samanta participated and achieved 1st position in Spring Fest 2012 (Short film competition) organized by IIT Kharagpur, in the year 2012 and was the champion.

Students qualified in different exams

Following students of the IT Dept are qualified in GATE/CAT/GRE 2011.

Sl No.	Name of student	Qualified in examination
1	Ms. Sayani Ghosh	GRE
2	Ms. Sayani Nandi	GRE
3	Ms Nikita Pandey	GRE
4	Ms. Tanusri Mukherjee	GATE
5	Ms. Debapriya Sarkar	GATE
6	Mr. Kaustav Kundu	GATE
7	Ms. Manali Pattanayak	GATE
8	Mr. Ashis Basak	GATE

Faculty achievement

Publication:

Name of Faculty	Achievement
Mr. Anirban Bhar	Presented paper in third International Conference on Emerging applications of Information technology, "Channel allocation in a Cognitive Radio Network Using Non Deterministic Q Learning Algorithm",
Ms. Shyamapriya Chowdhury	Published paper in IEEE, "Solving Channel Allocation Problem In a Cognitive Radio Network Using Particle Swarm Optimization Algorithm".
Ms. Arpita Chaudhuri	Published Paper in Elsevier, "Identity Based Secure Algorithm for VANET".

Seminars & Conferences

Seminars & conferences attended by the faculty members & technical staffs-

1. Seminar on "MATLAB ",attended by Mr. Soumen Ghosh at **Peerless Inn** in 2012.
2. Workshop on "Wipro Mission 10x ",attended by MR. Soumen Ghosh at **GNIT** in 2012.
3. Seminar on "MATLAB ",attended by Mr. Anirban Bhar at **Peerless Inn** in 2012.
4. Workshop on "Wipro Mission 10x ",attended by Mr. Anirban Bhar at **GNIT** in 2012.
5. Workshop on "Wipro Mission 10x Advanced ",attended by Mr. Anirban Bhar at **GNIT** in 2012.
6. Workshop on "Wipro Mission 10x ",attended by Ms. Shyama Priya Chowdhury at **GNIT** in 2012.
7. Seminar on "Wireless & Cellular Communications – New Technological Developments",attended by Mr. Soumya bhattacharyya at **Narula Institute of Technology** on 23rd July , 2012.
8. Seminar on "Web Applications Development Using J2EE Framework ",attended by Mr. Soumya bhattacharyya at **JIS College of Engineering , Kalyani** from 7th to 9th November, 2012.
9. Workshop on "Web Applications Development Using J2EE Framework [Infosys Campus Connect] ",attended by Mr. Soumya bhattacharyya at **JIS, Kalyani** in 2012.
10. Seminar on "Web Applications Development Using J2EE Framework ",attended by Ms. Arpita Chaudhuri at **JIS College of Engineering , Kalyani** from 7th to 9th November, 2012.
11. Workshop on "Web Applications Development Using J2EE Framework [Infosys Campus Connect] ",attended by Ms. Arpita Chaudhuri at **JIS, Kalyani** in 2012.
12. Workshop on "Networking Principles ",attended by Ms. Tamasree Biswas at **NITTTR, Kolkata** in 2012.

Noticable student projects

Noticable student projects in B-Tech in 2010-2011

Name of the Project	Project Member
ANDROID APPLICATION	Anirban Bose Anirban Das Madhurima Raychaudhuri Rakhi Thakur
ONLINE PAYROLL & HR MANAGEMENT WITH AUTONOMOUS ACCESS CONTROL & TIMESHEET GENERATION USING RFID CARD READER	Soumya Sankar Kundu Debnath Kabiraj Sk. Irfan Tanveer Tanmay Karmakar
CYBERNETICS PROTECTOR	Rohit Kumar Sibasis Mukherjee Mrigank Jain Puja Pandey
COMPLETE COLLEGE PORTAL	Rahul Kumar Kumari Rashmi Ravi Kumar Verma Prosenjit Halder
DEVELOPMENT OF AN ONLINE AUCTIONING SHOP	Sohini Das Swagata Adhya Annesha Ray