



## ACADEMIC CALENDAR FOR AUTUMN SEMESTER 2011-12

EVENT	DATE	DAY
Welcome, Orientation and Registration Programme for all new UG entrants	July 25, 2011	Monday
Registration for new PG entrants (for PhD students)	July 26, 2011	Tuesday
Registration for all existing UG & PG students	July 27, 2011	Wednesday
First day of Instruction	July 28, 2011	Thursday
Last date for late registration with fine	Aug 02, 2011	Tuesday
Last date for course adjustment	Aug 05, 2011	Friday
<b>Mid Semester Examination (MSE)</b>	<b>Sep 19 – 24, 2011</b>	<b>Monday to Saturday</b>
Last date for showing mid-semester answer copies to students	Sep 30, 2011	Friday
Last date for sending list of courses to be offered in Autumn semester 2011-2012	Oct 28, 2011	Friday
Last date for General Time Table slot allocation for Autumn Semester 2011-2012	Nov 11, 2011	Friday
Course pre-registration and submission of fee for Spring Semester 2011-2012 (but registration in next semester is subjected to the qualifying criterion of minimum CGPA in current semester as per the Institute rules.)	Nov 14 -18, 2011	Monday to Friday
Last day of Instruction	Nov 22, 2011	Tuesday
<b>End Semester Examination (ESE)</b>	<b>Nov 23 – 26, 28 – 29, 2011</b>	<b>Wednesday to Saturday and Monday to Tuesday</b>
Make-up-Examination	Dec 05 and 07, 2011	Monday and Wednesday
Last date for submission of Grades	Dec 08, 2011	Thursday
Winter Break begins (Only for UG students)	Nov 30, 2011	Wednesday
Winter Vacation (Only for Teachers)*	Dec 13 – 21, 2011	Tuesday to Wednesday
*Teachers can avail their vacation leave according to the Institute rules.		
IAPC meeting	Dec 09, 2011	Friday
Declaration of Results	Dec 12, 2011	Monday
Registration for all existing UG & PG students and Registration for all new PG entrants (PhD students) for spring semester 2011-12	Dec 26, 2011	Monday
First day of Instruction for spring semester 2011-12	Dec 27, 2011	Tuesday

### Institute Holidays for the Year 2011

S.No.	Holiday	Date	Day of Week
01	Republic day	26-Jan-2011	Wednesday
02	Milad-Un-Nabi	16-Feb-2011	Wednesday
03	Maha Shivratri	02-Mar-2011	Wednesday
04	Ram Navami	12-Apr-2011	Tuesday
05	Mahavir Jayanti	16-Apr-2011	Saturday
06	Good Friday	22-Apr-2011	Friday
07	Buddha Purnima	17-May-2011	Tuesday
08	Independence Day	15-Aug-2011	Monday
09	Janamashtami	22-Aug-2011	Monday
10	Idu'l Fitr*	31-Aug-2011	Wednesday
11	Mahatma Gandhi's Birthday	02-Oct-2011	Sunday
12	Maha Navami	05-Oct-2011	Wednesday
13	Vijaya Dashami	06-Oct-2011	Thursday
14	Diwali	26-Oct-2011	Wednesday
15	Chhatth Puja	01-Nov-2011	Tuesday
16	Idu'l Zuha(Bakrid)*	07-Nov-2011	Monday
17	Guru Nanak's Birthday	10-Nov-2011	Thursday
18	Muharram*	06-Dec-2011	Tuesday
19	Christmas Day	25-Dec-2011	Sunday

\* Subject to change on visibility of the moon.

# Newsletter from IIT Patna **Impulse**

## FROM THE DIRECTOR'S DESK



Dear Friends,

Hope you had a nice summer! We are happy to present to you our summer volume of Impulse. We had a hectic spring. We touched many milestones and witnessed a point in the history of the IIT Patna. The Union Minister for Human Resources and Development, Mr. Kapil Sibal laid the foundation stone for the new campus of the IIT Patna on the April 19, 2011 in a function that was presided over by Honorable Chief Minister of Bihar, Mr. Nitish Kumar. We are hopeful that we will be moving to the main campus soon. I invite you to take a look at the outline of our proposed site on our website. In our efforts to reach newer heights, new members of the faculty have joined various departments. We have collaborated with new institutes from various parts of the world such as University of New South Wales, Sydney, Australia and University of Saskatchewan, Saskatchewan, Canada. Various visitors from abroad spent their time with us on various occasions. IIT Patna celebrated its first Research Scholars' day on March 12, 2011. This was inaugurated by Dr. Thirumalachari Ramasami, a renowned scholar and Secretary of the Department of Science and Technology, New Delhi. Our students successfully organized the third annual festival 'Anwesh 11'. Dr. G. Madhavan Nair, Chairman, Board of Governors, IIT Patna, Former Chairman, Indian Space Research Organization, and overall internationally acclaimed space scientist was the chief guest at the function. Many of our faculty from various departments presented their work at professional meetings all over the world. This indicates the visibility of IIT Patna in different forums all over the world. Our faculty members are committed to maintain outstanding teaching and research standards. This is quite evident from an impressive list of publications. Many of our students worked as interns at many institutes and companies in India and abroad.

July marks the beginning of a new academic year at IITs. The coming year will be another landmark in the history of this institute. IIT Patna is ready for the graduation of the first batch of its students at the end of the year. At the same time, we are all set to welcome a new batch of students. We have developed and extended our capabilities to contribute not only to the nation but also to the world. We are ready with a plan to expand our programs. We plan to begin postgraduate programs in new areas. I am sure you would enjoy reading the newsletter.

Wishing you great new academic year!

Anil K. Bhowmick

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## EDITORIAL

It's a pleasure to bring you another issue of the Impulse - bi-annual newsletter of IIT Patna. It takes you through the summary of the range of academic, cultural and, fun activities at the institute. The last semester was full of events at the IIT Patna. It began with the colorful celebrations of annual students' festival Anwasha 11. Research scholars of the Institute got to showcase their work during the first Research Scholars' Day. In yet another significant development, the foundation stone for the new campus of the IIT Patna was laid on the April 19, 2011 by the Honorable Union Minister for Human Resource Development. This newsletter presents to you the commitment to the sustainable academic growth of the students and faculty during the past semester. In our commitment to our contribution to the society, the first report on An Urban Bias? Exploring the Reach of Urban Basic Services in Slums of Patna developed at this institute was published by the Unicef. We sincerely acknowledge the cooperation of all the members of IIT Patna for sending information.

Wishing you an awesome new academic year!

Rajesh Kumar  
Nalin Bharti

## BOARD MEETING

A meeting of the Board of Governors of IIT Patna was held on April 19, 2011. Dr. G. Madhavan Nair, Chairman, Board of Governors of IIT Patna chaired the meeting along with the other members.

## INTERNATIONAL COLLABORATIONS

University of New South Wales, Sydney, Australia on 17.05.2011

University of Saskatchewan, Saskatoon, Canada on 22.06.2011

Professor Anil K Bhowmick, Director, IIT Patna and Professor Brett Fairbairn Provost and Vice-President Academic, University of Saskatchewan signing the MoU while Prof. A. Dalai, Dean looks on.



## NEW APPOINTMENTS

### New Faculty



Swapan Majumdar  
PhD, University of Wisconsin at Madison  
Professor of Civil Engineering



Shailesh Vaya  
PhD, UCLA,  
Assistant Professor, CSE



Somnath Roy  
PhD, Louisiana State University,  
Assistant Professor, ME



Sriparna Saha  
PhD, Indian Statistical Institute, Kolkata,  
Assistant Professor, CSE



Srikant Bontha  
PhD, Wright State University,  
Assistant Professor, ME



Asif Ekbal  
PhD, Jadavpur University,  
Assistant Professor, CSE



Mr. Sushant Baliga  
Advisor (Works)

### New Staffs



Praveen Kumar Sinha  
Junior Assistant



Arvind Prakash  
Junior Assistant



Archana Kumari  
Junior Assistant



MD. Motiur Rahman  
Junior Assistant



Vinod Kumar  
Junior Assistant



Ashutosh Sinha  
Scientific Officer

## REPUBLIC DAY



Republic day was celebrated on 26th January, 2011. Prof. Anil K. Bhowmick, Director, IIT Patna hoisted the flag. All faculty members and staffs attended the function.

## Annual Techno-Cultural Festival ANWESHA'11@ IIT PATNA

IIT Patna's student community celebrated its annual techno-cultural festival for 2011 from 4-6 February. The festival, popularly known as Anwasha'11, was celebrated with all fanfare and gaiety. The word 'Anwasha' stands for 'quest' and like the very name it reflects the culture at IIT Patna. Anwasha'11 was a huge success and it achieved another milestone in the cultural history of IIT Patna where events ranged from engineering academics to socio-cultural revelations.



The festival was inaugurated and addressed by former ISRO Chief and Padma Vibhushan Dr. G. Madhavan Nair. Dr. Nair is also the Chairman of Board of Governors of IIT Patna. Prof. Anil K. Bhowmick, Director, IIT Patna, set the tune of the three day festival by calling upon the students to undertake largest academic challenges as well as for their overall development through such organizational initiatives.

The three day fiesta was a truly enthralling experience for the IIT Patna student community in particular as well as for the other national level graduate educational institutions of Patna like NIFT, NIT and BIT. The programmes were organized broadly under three sub heads, i.e., technical, social and cultural. Under technical events programmes ranged from talk on Telecom Evolution Policy to Quiz and Debating

competitions, JAM session on general financial awareness and FOREX conducted by RBI Patna and a session on ethical hacking with live demos was organized for the techno savvy IITians by none other than the internationally renowned ethical hacker Ankit Fadia. He demonstrated to the IITians with live hacking saying that 'hackers can do anything, if you are not fully protected'. He underlined 'that's why cyber security has become a necessity today, especially with the high degree of dependence on the internet'. The festival also had technical events like 'grand innovation competition destination imagination' and short talkie film making competition.

Under social events the especial mentionable programme was the 'mock UN conference for creating solutions' which was organized with participation from leading schools and colleges across Patna. The event gave the students a peek into the intricacies and nuances involved in framing international policies that are acceptable to all. Another socially educating outdoor playing event called 'handicapped society'; an on-the-spot



event was organized to see who can convert their disability into a liability. Among cultural events a series of programmes were presented through all three days ranging from soothing morning raga by SPIC MACAY invitee Sarangi maestro Ustad Kamal Sabri and Sri Shubh Maharaj on table to singing and dancing competitions by students from various colleges, to breath taking classical night by Delhi based promising gazal singers Nishant Akshar and Sarita with their troupe, and spine chilling live band performances by ten students bands from different colleges. Last but not the least, 'Sifar' a renowned Delhi based band gave a fitting end to the fabulous fest. Such was their impact that students were humming their music long after they were done and over with.

The programme was sponsored by a group of business houses like Reliance Communications, HCL, Godrej and WIZER, and banking institutions like SBI, Canara Bank, Indian Bank, Central Bank and PNB. The media partners to the three days events were Times of India, Radio Mirchi and Dainik Jagaran. Dr. Aditya Raj was the faculty in-charge for Anwasha'11 who helped the students in planning, organization and execution of the three day event with support from Dr. Navin Nishchal and Dr. Nalin Bharti. The event ended with a larger promise to return in 2012 once again with a higher spirit and vigour in all its techno-cultural-social events with ever larger student community participation and industry presence.



- Manish Kumar, PhD Scholar, HSS

## RESEARCH SCHOLARS' DAY



The chief guest Dr. T. Ramasami lighting the lamp with Prof. Bhowmick (Director) and research scholars.

Indian Institute of Technology Patna celebrated its first Research Scholars day on 12th March, 2011. As a part of the program, the students showcased their research work through posters presentations to the wide range of audience. This was a great event and a fruitful event for the research scholars of the institute in the sense that they got direct feedback from the judges and the audience. Dr. Thirumalachari Ramasami, Secretary to the Department of Science and Technology of the Government of India was the Chief Guest on this event. Dr. Ramasami is a well known scientist in India. The occasion was inaugurated with the lightening of the lamp by the chief guest. Professor A. K. Bhowmick, the Director of the IIT Patna welcomed the Chief Guest and the Judges. Professor Bhowmick highlighted the research and teaching facilities of the institute. Dr. T. Ramasami in his address appreciated the efforts of the young the research scholars. He presented the essence of research and outlined the activities of the Department of Science and Technology of the Government of India in enhancing the research capabilities of the academic institutions. He was thoroughly impressed with the research facilities and research capabilities of the IIT Patna. He encouraged and inspired the research environment. A committee of Prof. R.S. Ramakrishna (IIT Patna), Prof. S. Roy (IIT Kharagpur), Dr. D. K. Setua (DMSRDE, Kanpur), Prof. D. Sinha (Patna University) and Prof D. M. Diwakar, (Director, A. N. Sinha Institute of Social Studies) evaluated the presentations. Mr. Lawrence Kumar of Physics Department was awarded for the best poster presentation. The program was sponsored by Department of Science and Technology, Zwick Roell, Dell, Josts, AIMIL Ltd. and Edutech. The event was a huge success with enthusiastic participation from the faculty, students, and guests.



IIT Patna Director Prof. Bhowmick presenting a memento as a token of appreciation to The chief guest of the function Dr. T. Ramasami.



The chief guest Dr. T. Ramasami watching the research posters with Prof. Bhowmick (Director) and research scholars.



Research scholars of the IIT Patna in the audience listening to the address of Dr. T. Ramasami.

## TRAINING PROGRAM



Participants of UGTPM with Prof. Peeyush Chandra (IIT Kanpur) on Valedictory Day

Under Graduate Training Program in Mathematics held in IIT Patna during May 10 – 20, 2011

A ten day's training program in Mathematics for Under Graduate students was organized in IIT Patna during May 10 – 20, 2011. The program was inaugurated by the Director of IIT Patna and Prof. S. G. Dani, Chairman, National Board for Higher Mathematics.

The contents of this training program were the topics which are generally taught at undergraduate level in Indian Universities and Institutes but the style of teaching was of the "out of the box" kind. The main aim of the lectures was to motivate students and expose them to the concepts which underlie the topics which they have studied in their regular classroom learning.

Resource persons for this program were drawn from IIT Kanpur, Banaras Hindu University, University of Allahabad, ISM Dhanbad, MNNIT and Central University of Bihar. Apart from this few reFor the valedictory function, Prof. Peeyush Chandra and Prof. Shivdatt Kumar gave encouraging tips to the participants. Some of the feedbacks from participants stressed the need of holding such program on a regular basis. The program was funded by Department of Science and Technology, Govt. of India.

## WORKSHOP

Science Academies' Lecture Workshop on Partial Differential Equations (3- 5 March 2011) was held at the IIT Patna

The three day workshop Started at 9:00 AM on 3rd March with a short welcome note by Dr. A. K. Upadhyay, followed by address by Prof. Phoolan Prasad, Honorary Professor and DAE Raja Ramanna Fellow, Dept. of Mathematics, Indian Institute of Science, Bangalore and then an address by Prof. R. S. Ramakrishna, currently Professor in Dept. of Computer Science and Engineering inaugurated the workshop.

On the first day lectures were delivered by Prof. Phoolan Prasad, by Prof. M. K. Kadalbajoo, Dept. of Mathematics, IIT Kanpur and by Prof. V. Raghavendra, Dept. of Mathematics, IIT Kanpur. Subsequent days, i.e., the second day lectures were delivered by Prof. Phoolan Prasad, Prof. V. Raghavendra and Prof. D. Bahuguna, Dept. of Mathematics, IIT Kanpur, whereas on the third day lectures were delivered by Prof. Kadalbajoo and Prof. D. Bahuguna.



Research Scholars of Mathematics Dept. with Prof. Prasad, Prof. Kadalbajoo, Prof. Bahuguna and Dr. Upadhyay

The lectures were made very interactive by speakers and were open to discussions during or after the lectures. Apart from this the participants interacted well with speakers during the tea breaks.

The spectrum of participation was from almost all the major Universities and colleges from the cities and places near the city of Patna. This includes, University of Patna, VKS University of Arrah, Nalanda Open University, Central University of Bihar, National Institute of Technology Patna, BIT Mesra Patna centre, NSIT Patna, MACET Patna and the affiliated colleges of the Universities, NIT Surat, IISER Bhopal and IIT Patna. Prof. Phoolan Prasad, being a fellow of the Academy, was also the convener of the workshop.

### ONE-DAY WORKSHOP ON EXPERIENTIAL ENGINEERING

Dr Maheshkumar Kolekar of the Department of Electrical Engineering at IIT Patna organized a day long workshop on, "Experiential Engineering" on March 24, 2011. The institute Director Professor Anil K. Bhowmick inaugurated the workshop and appreciated Electrical Engineering Department for organizing workshop successfully by inviting expert from industry. In his inaugural speech, he mentioned that this workshop was very good example of institute-industry interaction.

The workshop was fully sponsored by National Instruments (NI), Bangalore. Mr Pranchal Srivasatava from NI Kolkata and Mr Sumit Sen from NI Bangalore presented live demos and showcased the technology behind these experiential engineering laboratories. Total 85 participants including faculty-members of IIT Patna, research scholars, students, and faculty- members from nearby Engineering institutes such as NIT and BIT Patna participated in the workshop.



## NEW LABORATORIES

### GC-MS Laboratory

This Laboratory is dedicated to Gas Chromatography-Mass Spectrometry (GC-MS) equipment from Thermo Scientific. This facility is being extensively used by research scholars involved in organic and inorganic synthesis for characterization of their compounds.



### Computer Science Hardware Lab

The Department of Computer Science & Engineering has set up a hardware laboratory for its undergraduate students. This laboratory will be primarily used for hardware logic design and microprocessor, microcontroller interfacing design experiments. Undergraduate students have designed a 4-bit CPU as part of their hardware lab curriculum. The laboratory has the following equipments for hardware experiments:

8086 Microprocessor, 8051 Microcontroller, Interfacing devices, FPGA boards for hardware language programming, Mixed Signal Oscilloscope (MSO)

### Advanced manufacturing Laboratory

The Advanced Manufacturing Laboratory at Indian Institute of Technology Patna provides the state of the art facilities for realizing next generation products and educating the next generation of engineers. We believe in working closely with the industry to advance the manufacturing field.

The focus of the lab is on both process as well as system level manufacturing solutions. The current research activities include manufacturing process and system simulation, process planning, production planning, manufacturability analysis, and micro material processing.

Current facilities include CNC machining, Wire EDM, Micro Machine, laser cutting, USM, layered manufacturing (RP) and Computer Integrated manufacturing.

### Solar Power Plant Lab

Bihar Green Energy Initiative Project by IIT Patna



Power Processing Unit and Energy Control Room



Solar Power Plant

### Digital Signal Processing Lab



Digital Signal Processing lab now has following DSP kits and hardware which is required for the conducting B Tech Lab as well as advanced research activities:

- DM6437 Digital Video Development Platform with Camera
- Development to Deployment Code Instrumentation (DDCI) -Interface software
- Image and Video Daughter Card Compatible with Texas Instruments 6713/6416

- Digital Media Developer's Kit (DM642) With NTSC /PAL Camera
- DevKit8000 OMAP3530 Evaluation Kit
- Universal Network image voice processing board
- MK2: 24 bits/16CH DSP BOARD
- MK3: 24 bits/ 6 channel DSP BOARD
- DSP Starter Kits with Code Composer Studio Software: TMS320C5510, TMS320C6713, TMS320C6416
- Softwares such as Matlab, LabView
- Computing facilities

## NEW FACILITIES

### New Hostel

The institute has come up with new Hostel for Boys. It is ready for occupation in the coming academic year.

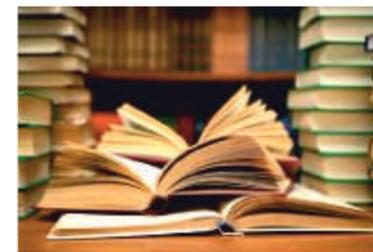


### Canteen And Refreshment Center



The Institute has come up with new facilities for refreshments for students, staffs, and visitors on campus. In the picture a close view of the facility with students and faculty enjoying a hot cup of coffee and extensive discussions! This facility is open until 10 pm.

### Central Library



The Central Library of IIT Patna is fully air conditioned, automated with self check in and checkout systems, and online catalog search facility. The total book collection of the Central Library is 7054. All books

are RFID tagged. The Central Library subscribed some more e-resources in form of e-journals and e-books and has subscribed 07 new e-journals from different publishers such as Nature, Science, ACS, AIP, APS, Wiley-Blackwell, ASME Archives, Taylor & Francis and 02 new e-book packages from Cambridge University Press and Springer e-books Series of Computer Science i.e. Lecture Notes on Computer Science. Apart from these the Central

Library is also the core member of INDEST-AICTE Consortium. The library has also been subscribing some popular magazines and daily newspapers. The Central Library provides a peaceful environment.

## TRAINING AND PLACEMENT CELL

Training & Placement Cell (T & P) of IIT Patna is working hard to assist students for their training and placement prior to the completion of their degree with the leaders of the industry in India and abroad. Students of Department of Computer Science and Engineering, Department of Electrical Engineering and Department of Mechanical Engineering went for industrial training and summer internship to various academic institutes and to the national and international companies shown below:

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Alumunus Software Ltd, Kolkata; CDAC, Bangalore; CAIR, DRDO Bangalore; HP India Software Pvt. Ltd Bangalore; I-CEE , Kolkata; IIT Guwahati; Interra Systems , Kolkata; IYC world Soft. Infrastructure Pvt. Ltd, New Delhi; Appulse Technologies Pvt. Ltd. Let's Go MO , Gurgaon; Microsoft India (R&D) Pvt. Ltd. Hyderabad; Next AG Software Service Pvt. Ltd. , Gurgaon; University of Houston, USA; Louisiana State University, USA

### DEPARTMENT OF ELECTRICAL ENGINEERING

Amararaja ,Tirupati; CMERI Durgapur; Coreel Tech. , Bangalore; LG Soft India Pvt. Ltd , Bangalore; MIC Electronics Limited , Hyderabad; Reliance Communication, Navi Mumbai; Tektronix India Ltd. , Bangalore; DRDO, Dehradun National Instruments , Bangalore; Rajasthan Rajya Vidyut Prasaran Nigam Ltd., Jaipur AG ME Asurematics , Roorkee ; University of Houston, USA; Louisiana State University, USA

### DEPARTMENT OF MECHANICAL ENGINEERING

Atomic Energy Regulatory Board, Mumbai; Bajaj Auto Ltd., Pant Nagar; Bosch Ltd , Adugodi, Bangalore; Comsol Multiphysics Pvt. Ltd , Bangalore; Bonfiglioli Transmission Private Limited Chennai; Hundai Motor , Chennai IOCL; Megatherm Group , Kolkata; JCB India Limited , Ballabgarh; ONGC Panvel, Navi Mumbai; TATA Motor Ltd., Pant Nagar; TATA Motor Lucknow; University of Houston, USA; Louisiana State University, USA

## FOUNDATION STONE LAYING CEREMONY



The Chief Minister of Bihar Sri Nitish Kumar greeting the Union Minister of HRD Sri Kapil Sibal in Bihta. In the picture from left to right are Prof. Bhowmick, Dr. G. Madhavan Nair, Sri Nitish Kumar, Sri Kapil Sibal, Sri P. K. Shahi, and Prof. R. P. Yadav



Union Minister of HRD Sri Kapil Sibal and the Chief Minister of Bihar Sri Nitish Kumar unwrapping the map of the proposed site of the IIT Patna.

Indian Institute of Technology (IIT) Patna is currently running from a transit campus at New Government Polytechnic building which is located in Patliputra Colony, Patna. IIT Patna is soon going to have a sprawling campus of 500 acres in Bihta. Bihta is about 30 Kms from Patna. In the history of IIT Patna April 19, 2011 was made memorable because it happens to be the day when the foundation stone for a brand new campus was laid at the Bihta site. Several key individuals were present to mark the beginning of the proposed campus of the IIT Patna. They include, the Honorable Union Minister for Human Resource and Development of India, Sri Kapil Sibal, the Honorable Chief Minister of Bihar Sri Nitish Kumar, Honorable Minister of the Human Resource Development of Bihar Mr. P. K. Shahi, Honorable Member of Parliament from the Patliputra Constituency Professor R. P. Yadav, Chairman Board of Governors of the IIT Patna Dr G. Madhavan Nair, Special Secretary of Higher and Technical Education in the Ministry of Human Resource Development Mr. Ashok Thakur, and the Director of IIT Patna Professor A. K. Bhowmick. Students, members of the faculty of the IIT Patna, residents of Bihta area, and several invited guests were part of the audience. Padma Vibhushan Dr. G. Madhavan Nair, Chairman of the Board of Governors of the IIT Patna, an internationally acclaimed space scientist, former Chairman of the Indian Space Research Organization (ISRO), and a Member of the Upper House of the Parliament (Rajya Sabha) welcomed all and marked the beginning of the function. The Chief Minister of Bihar Mr. Nitish Kumar presided over the function and outlined the significance of the requirement of an IIT in Bihar. He extended all kinds of help to the development of the IIT Patna in his presidential address. Mr. Kumar formally

handed over the land acquisition papers of 500 acres of land to the IIT Patna Director, Professor Anil K. Bhowmick. During his address Sri Kapil Sibal, Union Minister of Human Resource Development and Communications and Information Technology of the Government of India who was the Chief Guest on the occasion outlined the need of revolutionized education system for the sustainable development of India. Mr. Sibal informed the audience that the construction work would be completed within three years and also that Central Government is committed to the development of all new IITs, including IIT Patna.

Professor R P Yadav the parliamentary representative of Patliputra sketched the historical significance of the Bihta area. Mr. P. K. Shahi, HRD Minister of the Government of Bihar also expressed his views and the need for development of education in Bihar. Professor Bhowmick greeted all the guests and expressed his deep sense of gratitude and thanks to all the guests. There was a lot of media presence. The Panchayat representatives and the donors of the land were also present to cheer and encourage IIT Patna.



The Chief Minister of Bihar Sri Nitish Kumar planting a tree at the Bihta campus. Dr. Akhilendra Singh, an assistant professor of the Department of Mechanical Engineering looks on.



Union Minister of HRD Sri Kapil Sibal planting a tree at the Bihta campus. Prof. A. K. Bhowmick, Director, IIT Patna and Sri Ashok Thakur, Special Secretary of Higher Education in the Ministry of HRD looking on.



Union Minister of HRD Sri Kapil Sibal unveiling the foundation stone of IIT Patna in Bihta. In the picture are Sri Nitish Kumar, Sri P. K. Shahi, and Prof. R. P. Yadav

MASTER PLAN FOR THE NEW CAMPUS OF IIT PATNA AT BIHTA



## PUBLICATIONS

### Journal Publications

R. Sengupta, M. Bhattacharya, S. Bandyopadhyay and Anil K. Bhowmick, 'A review on the mechanical and electrical properties of graphite and modified graphite reinforced polymer composites', *Progress in Polymer Science*, 36, 638 (2011)

G. C. Basak, A. Bandyopadhyay, A. K. Bhowmick, 'Influence of nanoclay on adhesion of EPDM vulcanizate', *International Journal of Adhesion & Adhesives*, 31, 209 (2011)

M. Bhattacharya, S. Biswas, S. Bandyopadhyay, A. K. Bhowmick, 'Influence of the nanofiller type and content on permeation characteristics of multifunctional NR nanocomposites and their modeling', *Polymer for Advance Technology*, (2011)

A. K. Bhowmick, M. Bhattacharya, S. Mitra, K. Dinesh Kumar, P. K. Maji, A. Choudhury, J. J. George, G. C. Basak, 'Morphology – Property Relationship in Rubber Based Nanocomposites: Some Recent Developments', *Advances in Polymer Science*, 239, 1 (2011)

M. Bhattacharya, S. Biswas, A. K. Bhowmick, 'Permeation characteristics and modeling of barrier properties of multifunctional rubber nanocomposites', *Polymer*, 52, 1562 (2011)

G. C. Basak, A. Bandyopadhyay, S. Neogi and A. K. Bhowmick, 'Surface modification of argon/oxygen plasma treated vulcanized ethylene propylene diene polymethylene surfaces for improved adhesion with natural rubber', *Applied Surface Science*, 257, 2891 (2011)

S. Mitra, S. Chattopadhyay, A. K. Bhowmick, 'Dynamic stress relaxation behaviour of nanogel filled elastomers', *Journal of Polymer Research*, 18, 489 (2011)

S. Roj, G. C. Basak, P. K. Maji, A. K. Bhowmick, 'New route for devulcanization of natural rubber and the properties of devulcanized rubber', *Journal of Polymers and the Environment*, 19, 382 (2011)

Ashish K. Upadhyay, 'A Note on Upper Bound For d-Covered Triangulations of Closed Surfaces', *Int. JPAM*, April, (2011)

Amaresh Chandra Mishra, Tricholan Sahoo, V. Srinivas and A. K. Thakur, 'Magnetoimpedance Effect in Electrodeposited NiFe/Cu Wire Investigated Using Inductance Spectroscopy', *Physica B: Physics of Condensed Matter*, 406: 645 – 651, (2011)

Awalendra K. Thakur, 'Mechanism for Improvement in Mechanical and Thermal Stability in Dispersed Phase Polymer Composites', *Ionics*, 17: 109-120, (2011)

Amaresh Chandra Mishra, Tricholan Sahoo, V. Srinivas and

A. K. Thakur, 'Microstructure, Magnetic and Magnetoimpedance properties of electrodeposited NiFe/Cu and CoNiFe/Cu wire: A study on influence of saccharin additive in plating bath', *J. Applied Physics*, 109, 073901 (2011)

Awalendra K. Thakur and S. A. Hashmi, 'Polymer Matrix - Filler Interaction Mechanism for Modified Ion Transport and Glass Transition Temperature in the Polymer Electrolyte Composites', *Solid State Ionics*, 2010, 181 (27-28), 1270-78 (2011)

L. Sharma and Awalendra K. Thakur, 'Polymer Matrix-Clay Interaction Mediated Mechanism of Electrical Transport in Exfoliated and Intercalated Polymer Nanocomposites', *J. Materials Science*, 46: 1916 – 1931 (2011)

L. Sharma and Awalendra K. Thakur, 'A.C. Conductivity and Relaxation Behavior in Polymer Nanocomposite', *Ionics*, 17: 135-143 (2011)

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Samrat Mondal, Shamik Sural and Vijayalakshmi Atluri, 'Security analysis of GTRBAC and its variants using model checking', *Computers & Security*, 30: 128-147 (2011)

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Utpal Roy, B Shah, K Abhinav and P K Panigrahi, 'Gapped solitons and periodic excitations in strongly coupled BECs', *Journal of Physics B*, 44: 035302 (2011)

## CONFERENCE PUBLICATION

Arka Prokash Majumdar and Ashok Singh Sairam, 'Opportunistic Routing: Opportunities and Challenges', *International Conference on Network Communication and Computer*, 2011. ICNCC 2011, ISBN: 978-1-4244-9550-4, New Delhi, 21-23 March 2011

Himanshu Pathak, Akhilendra Singh and I. V. Singh, 'Numerical comparison of XFEM and EFGM solutions for fracture mechanics problems', *XFEM 2011 (ECOMAS)*, Cardiff University, UK, June 29-July 1, 2011

Lawrence Kumar, Chandra Kanta Panda and Manoranjan Kar, 'Magnetic Anisotropy of Nanocrystalline Nonmagnetic (Al) and Magnetic (Cr) Substituted Cobalt Ferrite', *Bihar Science Congress*, Muzaffarpur (2011)

Lawrence Kumar and Manoranjan Kar, 'Influence of La<sup>3+</sup> Ion Concentration on the Magnetic Anisotropy of Nanocrystalline Spinel Cobalt Ferrite', *National Seminar on Nanomaterials and Their Applications*, ISM Dhanbad (2011)

Manoj Kumar Rastogi and Yogesh Mani Tripathi, 'Estimating the Parameters of a Burr Distribution Under Progressive Type II Censoring', *International congress on productivity, quality, Reliability, optimization and modeling*, ISI Delhi, February 7-8, 2011

M. Pathak, 'Computational investigation of microdroplet formation in a crossflow membrane emulsification process', *ASME 2011 9th International Conference on Nanochannels, Microchannels, and Minichannels (ICNMM2011)*, Edmonton, Canada, 2011

Manoj Kumar Rastogi and Yogesh Mani Tripathi, 'Estimating a parameter of Burr Type XII distribution using hybrid censored observations', *To appear in Int. J. of Quality & Reliability Management*, 2011

Mithun Mukherjee and Preetam Kumar, 'A New Code Allocation Algorithm for Multirate CI/MC-CDMA System', *COMSNET*, Bangalore (2011)

R. K. Behera, 'High Efficient Solar Energy Harvesting System for Bihar Green Energy Initiative', *Proceedings of Bihar Science Conference*, L.S. College, Muzaffarpur, Bihar, India, February 11-13, 2011

Chandra, Pritha and Rajesh Kumar 2011 'Alienable/Inalienable Possession: Inquiries at the Syntax-Semantics Interface' *International Seminar on Syntax and Semantics Interface*, Aligarh Muslim University, Aligarh, India

Subbarao, KV and Rajesh Kumar 2011 'Agreement in Tibeto-Burman languages', *29th Annual meeting of the South Asian Languages Analysis Roundtable*, CIIL, Mysore, India

Rakesh Matam and Somanath Tripathy, 'THWMP - Trust based secure routing for wireless mesh networks', *International conference on communication computing and security*, NIT Rourkela (2011)

A. K. Singh and S. K. Parida, 'Selection of Load Buses for DG Placement Based on Loss Reduction and Voltage Improvement Sensitivity', *Proc. of IEEE international Conference on Power Engineering, Energy and Electrical Drives*, Torremolinos (Malaga), Spain, 11-13 May 2011

A. K. Singh and S. K. Parida, 'Combined Optimal Placement of Solar, Wind and Fuel Cell Based DGs Using AHP', *Proc. of*

World Renewable Energy Congress-Sweden, Linkoping, Sweden, 8-13 May 2011

S S Panda, D Ghose and P C Swain, 'Sedimentation load analysis using ANN and GA', Mechanical, Industrial and Manufacturing, Technologies, Singapore (2011)

Sangita Roy, Avinash Kumar Singh and Ashok Singh Sairam, 'Analysing SQL Meta Characters and Preventing SQL Injection Attacks Using Meta Filter', International Conference on Information and Electronics Engineering, ICIEE 2011, IACSIT Press, ISBN. 978-981-08-8637-0, vol. 6, pp. 167-170, 28-29, Bangkok, Thailand, May 2011

Sathya Peri and K.Vidyasankar, 'Correctness Criteria for Closed Nested Transactions in Software Transactional Memory', International Conference on Distributed Computing and Networking, Bangalore, India (2011)

Olga Uryupina, Sriparna Saha, Asif Ekbal, 'Massimo Poesio: 1Multi-Metric Optimization for Coreference: The UniTN / IIT Patna / Essex Submission to the 2011 CONLL Shared Task'. In the proceedings of CoNLL-2011: Fifteenth Conference on Computational Natural Language Learning, Portland, Oregon, USA, June 23-24, 2011

Sumit Kumar, Nahar Singh and Ashok Singh Sairam, 'Key Validation using a Weighted-Edge Web of Trust Model', International Conference on Advances in Information Technology and Mobile Communication, Communications in Computer and Information Science, Springer Berlin Heidelberg, ISBN: 978-3-642-20573-6, vol: 147, pp 156-161, 21-22, Nagpur, India, April 2011

Utpal Roy, S. Ghosh & P. K. Panigrahi, 'Sensitive superposition structures in Bose-Einstein condensate', International Conference on Quantum Optics and Quantum Computing (ICQOQC-11), JIIT, Noida, India (2011)

## INVITED LECTURES

Prof. A. K. Bhowmick delivered a lecture on 'Influence of processing parameters on structure and properties of advanced polymeric nanocomposites' during his Auckland, New Zealand visit from 14th to 17th January, 2011

Prof. A. K. Bhowmick delivered a lecture on 'Nano science & Nano technology' during his IES, Bhopal visit on 2nd June, 2011

Dr. A K Thakur was invited for a lecture on 'Plastic Separators for Storage Devices : Prospects and Problems' at the Department of Physics, The National University of Singapore on February 4-7, 2011

Dr. A K Thakur was invited for a lecture on 'State-of-the Art Status of Ion Conducting Polymer Nanocomposites for Energy Storage Device Applicant' by M. G. University,

Kottayam, Kerala on January 6-9, 2011

Dr. Ashok Singh Sairam Visited Sikkim Manipal University to deliver a Keynote speech at the International Symposium on Devices MEMS Intelligent Systems and Communication, International Journal of Computer Applications, Sikkim, India from 12th to 14th April 2011

Dr. Akhilendra Singh was invited for a lecture on 'Application Of Element Free Galerkin Method In Heat Transfer And Fluid Flow' at IIT Roorkee in May 2011

Dr. Aneek Adhya was invited for the lecture on 'Ultra-High Bandwidth Wavelength-Routed Optical Network: Solution for Bandwidth-Starved Backbone Net' in Bihar Science Conference, L S College, Muzaffarpur, Bihar on February 12, 2011

Dr. Mahesh Kumar Kolekar was invited for a lecture on 'Semantic Analysis of Sports Video for Automated Highlight Generation' in Bihar Science Conference, L S College, Muzaffarpur, Bihar on February 12, 2011

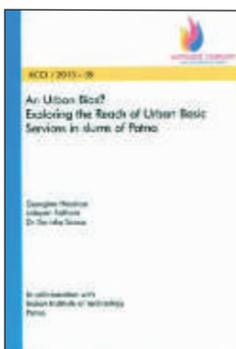
Dr. Naveen Kumar Nishchal was invited for the lecture on 'A hybrid digital optical correlation scheme for target identification' in Bihar Science Conference, L S College, Muzaffarpur, Bihar on February 12, 2011

Dr. R K Behera, Invited speaker in Bihar Science Conference and the title of presentation is 'High Efficient Solar Energy Harvesting System for Bihar Green Energy Initiative', L. S. College, Muzaffarpur, Bihar, India, February, 2011

Dr. Rajesh Kumar was invited in May 2011 as a visiting faculty for the series of lectures on Language, Mind and Society in the Center for the Sociology of Education at the Tata Institute of Social Sciences, Mumbai

Dr. Sathya Peri was invited for the lecture on 'Introduction to Software Transactional Memory' by NetApp, Bangalore on March 9, 2011

## COMPLETED PROJECT



Knowledge Centre on Children, Women and Gender – Dr. Nalin Bharti

Report of this project 'An Urban Bias: Exploring the Reach of Urban Basic Services in Slums of Patna' developed at the IIT Patna was published by the Unicef.

## SPONSORED PROJECT

Akhilendra Singh was awarded a DST sponsored project on Design Analysis of Composite Patch Repair of Structural Members by Meshfree Method

Aditya Raj was awarded a Ministry of Rural Development sponsored project on A concurrent study of MGNREGA implementation in Bihar

Manoranjan Kar was awarded a Department of Atomic Energy sponsored project on Tailoring Magnetic Properties of Biomagnetic Core/Shell Nanoparticles for Soft Magnetic Application

Nutan Kumar Tomar was awarded a CSIR sponsored project on Descriptor Systems : Modeling and Control in infinite-dimensional spaces

## VISITS ABROAD

Prof. Anil K. Bhowmick - (The Nineteenth International Conference on Processing and Fabrication of Advanced Materials, PFAM-XIX, presented by the Centre for Advanced Composite Materials (CACM), the University of Auckland) Jan 2011

Prof. Anil K. Bhowmick, Director, IIT Patna visited Canada during 16th June, 2011 to 24th June, 2011 as a part of the delegation for India-Canada Education Summit of Vice-Chancellors and Directors at Carleton University, Ottawa, Canada.

During the period, Professor Bhowmick visited the following Universities :

- University of Saskatchewan
- University of Toronto
- University of Toronto Mississauga
- Carleton University
- York University

Dr. Asif Ekbal visited University of Trento, Italy to carry out research work in June 2011

Dr. A. K. Thakur visited the National University of Singapore to participate in India-NUS Joint Physics Symposium between February 22-25, 2011

Dr. M. Pathak Visited University of Alberta, Canada for attending the conference ASME 2011 9th International Conference on Nanochannels, Microchannels, and Minichannels (ICNMM2011) from 19th to 22nd June, 2011

Dr. Nalin Bharti was a discussant on a paper Economic Education in Germany by Ewald Mittelstaedt, TU Dortmund University of Technology and Caludia Wiepcke, University of Education Sw. Gmuend at National Conference on Teaching Economics June-1-3, 2011 at Stanford Institute of Economic Policy Research, Palo Alto, California organised by American Economic Association.

Dr. Nalin Bharti with Vernon Smith (Right), 2002 Nobel Prize Winner in Economics and Michael Watts (Left) Professor of Economics at Purdue University in National Conference on Teaching Economics, June-1-3, 2011 at Stanford Institute of Economic Policy Research, Palo Alto, California organised by American Economic Association.



Dr. Nalin Bharti with John B Taylor, Mary and Robert Raymond Professor of Economics at Stanford University, USA, and the George P. Shultz Senior Fellow in Economics at Stanford University's Hoover Institution. Taylor was a member of the President's Council of Economic Advisers in the administration of President George H.W. Bush and Senior Economist at the Council of Economic Advisers during the Ford Administration.



## AWARD

Prof. A. K. Bhowmick visited IES College of Technology, Bhopal and received Dr. J.C. Bose National Teachers Excellence Award, 2011 on 2nd June, 2011

## LECTURES AND VISITORS

### INSTITUTE VISITORS

IIT Patna organized a talk by Mr. Dilip Sinha (IFS), Additional Secretary, International Organization and Environmental Diplomacy, Ministry of External Affairs, Govt. of India, Former Ambassador to Greece and Deputy High Commissioner at High Commission of India in Dhaka, Bangladesh on International Negotiations on Climate Change: Challenges Ahead on 1st, January 2011

Dr. Nicole Zacharia, Assistant Professor, Texas A&M University visited IIT Patna on 8.3.2011



Dr. Brendan Rodgers, Exxon Mobil, USA visited IIT Patna on 7.6.2011

In the picture are Dr. Vidhi Choudhury, Prof. A. T. Khan, Dr. Brendan Rodgers, Prof. A. K. Bhowmick (Director), Dr. B. B. Sharma, and Dr. Bandana Talukdar.

Ms. Sarah Garland, Education Reporter, New York visited IIT Patna on 15th June 2011

Mr. Philippe de Taxis du Poët, S&T Counsellor, European Union Delegation visited IIT Patna on 15th June 2011

## INSTITUTE LECTURES AT IIT PATNA

Date	Speaker	Title of the presentation
29-06-2011	Dr. Indu Bhusan Deb, NTU, Singapore	Redox Neutral Reaction Cascades: alpha-Functionalization of Amines.
23-06-2011	Dr. Anandarup Goswami, Rutgers University	Lithium phenolates solvated by tetrahydrofuran and 1,2-dimethoxyethane: structure determination using the method of continuous variation.
13-05-2011	Dheeraj Singh, Penn-State University	Ultrasonic detection and quantification of incipient fatigue damage
03-05-2011	Prof. Kalyan Agarwal, Chandragupta Institute of Management Patna	WiMAX Technologies and Rural Development
20-04-2011	Dr. Ranjan Jana, University of Utah	Symbiotic Collaboration Between Chemistry & Chemical Technology
25-03-2011	Dr. Khashti Ballabh Joshi, Goethe-University Frankfurt, Cluster of Excellence Macromolecular, Complexes, Frankfurt	Construction, Morphological Evaluation and Application of Biomolecules
24-03-2011	Pranjal Srivastava, National Instruments, Bangalore	Workshop on Exclusive IIT Patna Experiential Engineering
18-03-2011	Dr. Vinod Kumar, University of Texas at El Paso	Computational Analysis of Flow Through Porous Rock using Variational Methods
08-03-2011	Dr. Nicole Zacharia, Texas A&M University	Structure property relations in soft materials
03-03-2011	Dr. Raman Kumar Singh, RIKEN Advanced Science Institute	Long-range Corrected DFT Thermochemistry for some promising organic reactions
01-03-2011	Prof. Ravi Gomatam, B.I.T.S., Pilani	Quantum Reality—What is it?
17-02-2011	Dr. Subhankar Bedanta, NISER, Bhubaneswar	Magnetic nanoparticles - The small ones with Big future
11-02-2011	Dr. M. K. Sinha, NHRD, Govt. of Bihar	Neuro Linguistic Programming
08-02-2011	Dhananjay Kumar, Chevron, Houston	Seismic wave propagation in anisotropic media
03-02-2011	Dr. Sathya Peri, IIT Patna	Introduction to Software Transactional Memory
27-01-2011	Dr. A. K. Thakur, IIT Patna	Renewable Energy Sources : Problems And Prospects
19-01-2011	Dr. Prolay Das, IIT Patna	A Journey to the Old Age
12-01-2011	Rajesh Chandra, i2n Technologies Pvt. Ltd	Our understanding of Nanotechnology
03-01-2011	Sumeet Kumar, MIT, USA	Continuous flow microfluidic thermocyclers: design, fabrication and thermal analysis

## RESEARCH SCHOLARS

### SCHOOL OF ENGINEERING & TECHNOLOGY



Priyanka  
CSE



Samat Saurabh  
CSE



Rakesh Ranjan  
CSE

### SCHOOL OF BASIC SCIENCES



Ajay Nath  
Physics



Debabrata Adhikari  
Mathematics



Krishanu Deyasi  
Mathematics

### SCHOOL OF HUMANITIES AND SOCIAL SCIENCES



Richa Gautam  
HSS



Manish Kumar  
HSS



Vaibhaw Niket Shandilya  
Mathematics



Sukhdev Singh  
Mathematics

## RESEARCH SCHOLARS' CONFERENCE PRESENTATIONS

Priyanka Sinha and Nalin Bharti, 'India's Trade Policy Reforms: What happened after Global Financial Crisis?', International Conference on "Changing Structure of International Trade and Investment: Implications for Growth and Development", Department of Economics, Jamia Millia Islamia (A Central University), New Delhi, India, 2-3 March, 2011

Nilu, 'Scope Ambiguity in Hindi Genitives', International Seminar on Interdisciplinary Perspective on Semantics, Aligarh Muslim University, Aligarh, 25th to 27th February 2011

Nilu, 'Classification of Phrasal Expressions using Pragmatic Knowledge', Fifth Students' Conference of Linguistics in India (SCONLI 5), University of Hyderabad, Hyderabad, 21st to 23rd February 2011

Nilu, 'Multilingualism in Educational Institutes: A case Study of the Multilingual Environment at IIT Patna', South Asian Languages Analysis Roundtable 29 (SALA 29), CIIL, Mysore, 6th to 8th January 2011

Pooja 'Demanding Equality in Bama's 'Sangati' and 'Maya Angelou's 'Gather Together in My Name'' in UGC Sponsored National Seminar on "Gender Equality: A Historical Perspective", 9th -10th January organized by The Department of History, Sri Arvind Mahila College, Patna.

## SPORTS

Sports Gymkhana is organizing regular physical training program for the students of IIT Patna. We have organized Intramural competition in Feb 2011 in which students get the chance to show their talent. Students competed in different games and sports like Athletics, Badminton, Tennis, Table Tennis, Basketball, Volleyball, Chess, Cricket, etc. Computer Science department won maximum number of trophies. Winners were given prizes during ANWESHA, 2011

## STUDENTS' ACTIVITIES

Nilu, Refresher Course in Research Methodology in Humanities, Organised by UGC-Academic Staff College, Maulana Azad National Urdu University, Hyderabad, 13th October to 2nd November 2010

Nilu, 3rd IIT-Hyderabad Advanced School on Natural Language Processing at Language Technologies Research Centre, International Institute of Information Technology, Hyderabad, 23rd May 2011 to 5th June 2011.

Also worked on a project related to Resource Creation, which was the part of this program

## LITERARY CORNER

### KIPLING GIVES WAY TO TAGORE

Kipling has been replaced by Tagore on our floor  
Probably the winds of change has been flowing galore  
Or, it is just the sentiments of those who feel in unison  
aa ha! Deprivations and the collective actors! Or, is it?  
In any case, it does provide a looking glass for  
Those like us, to feel relieved in seeing ourselves  
In the cultural moorings of our own- time for Tagore

---Dr. Aditya Raj

### CHAL PARTE HAIN, USI DAGAR PAR

Kabhi aate hain, Kabhi jate hain,  
Utthe hain, fisal jate hain,  
Dil ki khabbab, Hothon main dab jati hain,  
Kuch pichhe kah utthe hain,  
Sawal dabi juwan kah jate hain,  
Unki to ,  
Eljam lagane ki adat si hain,  
Par gam aur duhsahas kahan chhupa pate hain,  
Utthe hain, Thokaren khatе hain,  
fir vee uath parte hain, sambhal kar,  
Lakh mushibatain hai, Par vee,  
fir, Chal parte hain, Usi Dagar par .....

--Ashutosh Kumar

### TU SAB DEKH RAHA HAI—

Bas ek hi aas hai.....ki tu sab dekh raha hai....  
Akela rahi manjil ki talash mein nikalta hai,  
Is duniya ki bheed mein....  
Jab manjile dhundhla jati hai,  
Jab kadam ladkhada jate hai,  
Jab ummeedein tut jati hai,  
Jab himmat imtehaan ke shikhar per hoti hai,  
Tab, bas ek hi aas rah jati hai ..... ki tu sab dekh raha hai.....  
Amiron ki basti ki gumnaam galiyon mein,  
Sukh se anjaan jindgiyan.....  
Bhookh ke aage tamanna simat jati hai,  
Pyaas pyaasi rah jati hai,  
Sar per chat nahi hoti, na tan per kapda,  
Bachpan kahi kho jata hai,  
Jab jine ki iksha na rah jati hai,  
Jab khuda ki khudai per bhi shak karne ko dil krta hai,  
Tab, bas ek hi aas rah jati hai..... ki tu agar hai toh sab dekh raha hai.....

-Amita

### MISTAKE

Have the fear of doing mistakes  
But never the fear of committing mistakes  
Learn from the mistakes committed  
And try not to do the same, never again.  
None does mistakes knowing that it is a mistake  
If does knowing, then is a mistake....  
Human as a humane has to avoid mistakes  
Being unable to avoid, thinking to avoid is weakness  
Having weakness is not a mistake  
Not trying to get rid of is a mistake  
Being unable to get rid of is 'weak will'  
'Weak will' itself is a weakness  
Not of yours  
But of your mind-set..  
Having a weak mind-set is a mistake,  
Not trying to improve it is your big mistake.  
These mistakes make your life problematic  
Leading to problems to u and all around..  
Remember! Creating problems  
is a worse mistake.  
The mistake, worst of all.  
Dear friend....  
Have the fear of doing mistakes.  
None on this planet is mistake-less  
But great are those who realise them...  
Having a strong will not to repeat again.  
So,  
My dear friend...  
Understand this by heart,  
Never fall into ditch of problems,  
Live a better life;  
And make your world a better place to live.  
— S.Ganesh Deekshith

### AN INTERESTING STORY

A blind boy sat on the steps of a building with a hat by his feet. He held a sign which said,  
" I AM BLIND...  
PLEASE HELP."  
There were only a few coins in that hat.  
A man was walking by. He took a few coins from his pocket and dropped them into the hat. Then he stood by and read the words on the sign. He then took the sign board, turned it around and wrote something on it and put it back to its place such that everyone who walked by could clearly read what was written on it.

Soon the hat began to fill up with coins. A lot more people were giving money to the blind boy. That evening the man who changed the sign board came there to see how things were. The boy recognized his footsteps and asked, "were you the person who changed the sign?". 'yes', replied the man.

'What is it that you wrote? I find that a lot more people are giving me money.'

The man said, 'I wrote the same thing that you wrote. The only difference is that I wrote it in a different way.'

'But what did you write?', asked the boy.

The man said,

I wrote:

TODAY IS A BEAUTIFUL DAY.....  
BUT I CANNOT SEE IT.'

Both the signs told the people that the boy was blind. The only difference is that the first one simply told them that he was blind whereas the second one told them that they were so lucky that they could see. Should we be surprised by the effect the second sign had?

Sometimes instead of doing different things we should learn to do the same things differently.

-Peshal B. Nayak

### SOME ANECDOTES ABOUT ALBERT EINSTEIN

1.

Once during a speaking tour Albert Einstein's driver, who often sat at the back of the hall during his lectures, remarked that he could probably give the lecture himself, having heard it so many times. Sure enough, at the next stop on the tour, Einstein and the driver switched places with Einstein sitting at the back in the driver's uniform and the driver gave the lecture.

Having delivered a flawless lecture, a member of the audience asked a difficult question. 'Well the answer to this question is quite simple' he replied. 'I bet my driver sitting at the back there, could answer it ...'

2.

Albert Einstein's wife often insisted that he dress more formally. 'Why should I?' He would invariably argue. 'Everyone knows me there.' When the time came for Einstein to attend his first major conference, she begged him to dress up a bit.

'Why should I?' Replied Einstein, no one knows me there!

3.

Albert Einstein was often asked to explain his general theory of relativity. 'Keep your hand on a stove for a moment and it seems as if it has been an hour.' he would say. 'But sit besides a pretty girl for an hour and it seems as if it has been a moment. That is relativity.'

4.

When Albert Einstein was working in Princeton University, one day he was going back home when he forgot his own residential address. The driver of the cab did not recognize him. Einstein asked him if he knew Einstein's home address. The driver replied, 'Who does not know Einstein's address in Princeton? Do you want to meet him?' Einstein said, 'I am Einstein. I forgot my address. Can you take me there?' The driver took him to his house and did not even collect his fare.

5.

Einstein was once traveling on a train from Princeton when the conductor came down the aisle punching the ticket of every passenger. When he came to Einstein, Einstein reached out his vest pocket but could not find his ticket. So he reached his trouser pocket but it wasn't there either. Then he searched his briefcase but he couldn't find it. So he looked on his adjacent seat but it wasn't there either.

Looking at his condition the conductor said, 'Dr. Einstein, I know who you are. We all know who you are. I am sure you bought a ticket. Don't worry about it.'

Einstein nodded appreciatively.

The conductor continued down the aisle punching tickets. As he was ready to move to the next car, he saw the great physicist down on his hands and knees still looking for the ticket.

The conductor rushed to him and said, ' Dr Einstein, Dr. Einstein, I know who you are. You don't need a ticket. I am sure you bought one.'

Einstein looked at him and said, ' Young man, I also know who I am and I am sure I bought a ticket. I am looking for the ticket because I don't know where I am going!!'

-Peshal B. Nayak,

### Editorial Board

Nalin Bharti, Department of Humanities and Social Sciences  
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