

Editorial

Welcome! In your hand is the first issue of the Institute Newsletter. It gives us immense pleasure to bring this out to you. This aims at highlighting news and activities around us. With the institute completing more than a year, this is the right time to look back and reflect on the work that has been done in this short period. This newsletter has tried to capture in black and white the activities of the students and the faculty. In a short span of time and with its limited resources IIT Patna has tried to provide students with the best not only in academics but also in co-curricular activities which will lead to the overall development of their personality. This issue brings to the readers details of various activities the students have engaged in and the page 'budding writers' showcases the underlying potential of our students! We will publish two volumes of this newsletter (January-June and July-December) every year. We would like to take this opportunity to solicit your cooperation with the publication of this on time. We request you to keeping information about us that you feel would be relevant to the newsletter and to people at large.

We wish all a pleasant reading!

Rajesh Kumar
Smriti Singh

Newsletter from IIT Patna

Impulse



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From the Director's Desk



Dear friends,

Welcome to IIT Patna! With two batches of bright, enthusiastic B.Tech. students and a group of young, talented research scholars and a bright, dynamic and enthusiastic faculty, IIT Patna has made a modest but bright beginning in the academic world. A year old institute IIT Patna provides a highly creative and enriching learning experience.

Set in Patna, a land with great historical significance, IIT Patna aims at becoming an interdisciplinary institute of learning. It plans to attract students from within and outside the country and contribute significantly to knowledge in various disciplines. We at IIT Patna look forward to building an academic atmosphere based on creativity and curiosity and with this view, we are signing memorandum of understanding with foreign universities and desire to enter into collaborations in industrial sector. We provide facilities for an all round development of the personality of a student, maintaining a healthy balance between academics and co-curricular activities. This is the first newsletter brought out by IIT Patna and gives an insight into various academic and co-curricular activities at the Institute during the last six months. I wish that you enjoy reading this newsletter!

Anil K. Bhowmick



Dr. G. Madhavan Nair

Secretary, Department of Space,
Government of India

Born in Neyyattinkara, Thiruvananthapuram, Kerala on October 31, 1943, Shri.G.Madhavan Nair graduated in Engineering from Kerala University in 1966 and after training at Bhabha Atomic Research Center (BARC), Mumbai joined Thumba Equatorial Rocket Launching Station (TERLS) in 1967.

Shri. G. Madhavan Nair, former Chairman of the Indian Space Research Organisation is presently Dr. Vikram Sarabhai Distinguished Professor in ISRO. He was also the Chairman, Space Commission and Secretary to Government of India, Department of Space. As Chairman, ISRO, he directed the development of space technology and its application to solve the problems of man and society in India. Under his leadership, 25 successful missions have been accomplished such as INSAT, Resourcesat, Edusat, Cartosat, Hamsat, Program of PSLV and GSLV launch, the Chandrayaan-1 and Oceansat. He has given major thrust in implementation of application programmes such as tele-education, telemedicine and disaster management support systems for meeting the needs of society at large. A scheme for Village Resource Centres through satellite connectivity is implemented targeting multiple services in a single window, which aims at improving the quality of life of the poor people in the villages.

He has won several awards such as National Aeronautical Award, FIE foundation's Award, Shri Om Prakash Bhasin Award, Swadeshi Sastra Puraskar Award, Vikram Sarabhai Memorial Gold Medal of the Indian Science Congress Association. He has also received Gold Medal from the Prime Minister at the 94th Indian Science Congress at Chidambaram in 2007. The nation has honoured him by conferring Padma Bhushan in 1998 and Padma Vibhushan in 2009.

Past Chairman



Dr. M. K. Bhan

Secretary, Department of
Biotechnology Ministry of Science &
Technology

Dr. Bhan is an internationally reputed and leading researcher in child health, who has worked tirelessly to find and apply science based solutions to major cases of childhood deaths in developing countries. His scientific contribution has led to several interventions, which have received WHO endorsement and have been actually introduced into the national and developing country diarrheal disease control programmes. Dr. Bhan was among the global leaders who contributed to an understanding of the critical role of zinc deficiency as the basis of immuno deficiency in malnourished children. Dr. Bhan leads a team of researchers for vaccine development. Rota Virus is the most important cause of diarrheal deaths and development of vaccine is a priority. Recently they developed a Vi conjugate vaccine, using outer membrane Protein as a carrier, which is awaiting trials. Dr. Bhan is recipient of many national and international awards like Shanti Swarup Bhatnagar Award, National Ranbaxy Award, ST Achar Gold Medal of the Indian Academy of Pediatrics, S.S. Mishra Award of the National Academy of Medical Sciences, Biotech Product and Process Development and Commercialization Award and Pollins Foundation Research Award for US \$ 100,000 (Year 2003)

Institute which mentored IIT Patna

Indian Institute of Technology Guwahati was the mentoring institute for IIT Patna till July 13, 2009. Situated in Assam, Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity, was established in 1994. The Director, Prof. Gautam Barua and his team worked hard at beginning classes and making other necessary arrangements.

Visitors to IITP



Prof. K.L. Chopra addressing the audience at Indira Gandhi Science Planetarium, Patna

July 22: Prof. B.K. Mathur, Professor of Physics & Meteorology Department, IIT Kharagpur.

August 5: Dr. Sukhamay Kundu, Associate Professor of Computer Science, Louisiana State University, USA. Baton Rouge, Louisiana delivered a lecture on '*Orthogonal Decomposition of Finite State Models vs. Components in Software Architecture*'.

Dr. P.K.J. Mohopatra, Dean (Post-graduate Studies and Research) and Professor, Department of Industrial Engineering, IIT Kharagpur delivered a talk on '*Strengthening Research programme at IIT Kharagpur - Some Experience.*'

August 20: Manya Ranjan S.M., Technology and Policy Program, 2010 Laboratory for Energy and the Environment, MIT Energy Initiative gave a lecture on '*Global Climate Change and MIT efforts in this regard MITE Energy Initiative.*'

August 21: Prof. K.L. Chopra delivered the first institute lecture at Indira Gandhi Science Planetarium, Patna on the topic '*Nanoscience and Nanotechnology: Hope or Hype?*' In his lecture, he talked about nanomaterials in electronics industries. The talk covered areas like production of semiconductors in nanoscale and its application in industries and talked of research in laboratories in nanoscience.

August 28: Dr. Md. Shabi Hashmi, post doctoral research associate at Centre for High Frequency Engineering, Cardiff School of Engineering, UK on the topic '*RF Engineering in Modern Telecommunication System: Challenging yet Interesting*'.

September 29: Prof. Janak Pandey, Vice-Chancellor, Central University of Bihar delivered a lecture on '*New Horizons for Humanities and Social Sciences Disciplines in IIT System.*'

October 19: Mr. Shreyas Kumar, Senior Member of Technical Staff at Oracle HQ in Redwood Shores, California gave a talk on '*Time, Timezones and Daylight Saving.*'

November 4: Siddarth S Malu, Inter-University Centre for Astronomy and Astrophysics, Pune University Campus delivered a talk on the topic '*Probing the early universe with the Cosmic microwave Background.*'

November 20: Dr. Biswapriya Deb, Research Scientist (Industry), Institute for the Advanced Materials and Renewable Energy University of Louisville, USA delivered a lecture on '*Chemical Vapor Deposition of Nanomaterials: Synthesis, Engineering, and Applications.*'

Institute news

Registrar welcoming the Director IIT Patna



Prof. Anil K. Bhowmick joined as the Director of Indian Institute of Technology Patna on July 13, 2009

New Faculty:



Prof. S. Ramakrishna has joined the Department of Computer Science. A product of I.I.T. Kanpur, Prof. Ramakrishna has an experience of more than 35 years. He began his teaching career from Vishveshwarya National Institute of Technology, Nagpur and then joined the Department of Computer science at IIT

Bombay where he served for nearly 16 years. He retired as Professor from Department of Communication and Information, Gwangju Institute of Science and Technology, Korea. His areas of interest are Parallel and Distributed Computing, Evolutionary Computing and Computer Graphics.

Honours

Prof. Anil K. Bhowmick has been elected a Fellow of the Indian National Science Academy, New Delhi.



Visits

Anil K. Bhowmick attended the PAN IIT meet at Chicago from Oct. 9-11, 2009. He visited Carnegie Mellon Institute, Pittsburgh and the University of Akron, Akron on October 12 and October 16, 2009 respectively.

Navin K. Nishchal, Assistant Professor, Physics, Visited RF Media Laboratory, Oulu Southern Institute, University of Oulu, Finland during May 26, 2009 to July 14, 2009 for some collaborative research work on Digital Holography and Image Watermarking.

Recent Publications

- Anil K. Bhowmick, Pradip K. Maji, Prasanta K. Guchhait, "Effect of nanoclays on physico-mechanical properties and adhesion of polyester-based polyurethane nanocomposites: structure-property correlations," *Journal of Materials Science* (2009) 44: 5861-5871
- Anil K. Bhowmick, Sritama Kar, Pradip K. Maji, "Chlorinated polyethylene nanocomposites: thermal and mechanical behaviour," *Journal of Materials Science*, DOI 10.1007/s10853-009-3891-z
- Palash Setua, Debabrata Seth and Nilmoni Sarkar "To probe the structure of methanol and Aerosol OT (AOT) in AOT reverse micelles by FTIR measurements", *Physical Chemistry Chemical Physics* 2009 11, 8913
- Souravi Sarkar, Rajib Pramanik, Debabrata Seth, Palash Setua, Nilmoni Sarkar "Photoinduced electron transfer (PET) from N,N-dimethylaniline to 7-amino Coumarin dyes in a room temperature ionic liquid (RTIL): Slowing down of electron transfer rate compared to conventional solvent" *Chemical Physics Letters* (2009), 477, 102
- Debabrata Seth, Souravi Sarkar, Rajib Pramanik, Chiranjib Ghatak, Palash Setua, Nilmoni Sarkar "Photophysical studies of a hemicyanine dye (LDS-698) in dioxane-water mixture, in different alcohols, and in a room temperature ionic liquid" *Journal of Physical Chemistry B* (2009), 113, 6826
- Rajiv Misra, Chittaranjan Mandal, "Minimum Connected

Dominating Set Using a Collaborative Cover Heuristic for Ad Hoc Sensor Networks," *IEEE Transactions on Parallel and Distributed Systems*, 11 May. 2009. IEEE computer Society Digital Library. IEEE Computer Society, <<http://doi.ieeecomputersociety.org/10.1109/TPDS.2009.78>>

- Rajiv Misra, Chittaranjan Mandal, "Efficient clusterhead rotation via domatic partition in self-organizing sensor networks," *Wireless Communications and Mobile Computing*, Vol. 9, NO. 8, pp. 1040-1058, 2009, John Wiley & Sons, Ltd.
- Rajiv Misra, Chittaranjan Mandal, "Rotation of CDS via Connected Domatic Partition in Ad Hoc Sensor Networks," *IEEE Transactions on Mobile Computing*, vol. 8, no. 4, pp. 488-499, Apr. 2009. IEEE Computer Society
- M.K. Khan, R. Kumar, P.K. Sahoo, Experimental Investigation on the Flow of R-134a through Adiabatic and Diabatic Capillary Tubes, *ASHRAE Transactions*, Vol. 115, Part-1, 2009, pp. 82-92
- M.K. Khan, R. Kumar, P.K. Sahoo, Performance Prediction of Adiabatic Capillary Tubes by Conventional and ANN approaches- A Comparison, *ASHRAE*



Transactions, Vol. 115, Part-1, 2009, pp. 93-105

- N. K. Nishchal, "Optical image watermarking using fractional Fourier transform," *Journal of Optics (Springer-India)*, 38 (2009) 22-28
- Sahid Hussain, Saitanya K. Bharadwaj, Ravindra Pandey, Mihir K. Chaudhuri, "Borax Catalyzed and pH-Controlled Selective Oxidation of Organic Sulfides by H₂O₂: An Environmentally Clean Protocol" *Eur. J. Org. Chem.* 2009, 3319-3322
- S. K. Parida, S. N. Singh and S. C. Srivastava, "An Integrated Approach for Optimal Frequency Regulation Service Procurement in India", *Energy Policy*, Elsevier, vol. 37, Issue. 8, August 2009, pp. 3020-3034
- Smriti Singh, 'Identity, Recognition and Political Assertion in 'Joothan'', *Research-A Journal of English Studies*, Spring 2009, Vol.9 No.1
- Smriti Singh, 'Female Migrants in Divakaruni's 'Arranged Marriage', *Re-markings* Vol. 8 No. 1, March 2009
- T. R. Gulati, S. K. Gupta, Higher-order symmetric duality with cone constraints, *Applied Mathematics Letters* 22 (2009) 776-781

Conference Participation and Presentations

- Anil K. Bhowmick attended the international rubber conference at Pittsburgh and presented an invited paper entitled "Exfoliation of nanolayer assemblies for improved natural rubber properties: methods and theory" on 14th October, 2009
- Anil K. Bhowmick presented a paper on Nanotechnology on 29th October, 2009 in the Bhaskaracharya College of Sciences, New Delhi. He delivered the keynote address also as the Chief Guest of the inaugural function
- Anil K. Bhowmick gave an invited talk on 'Electron Beam Curing of Polymers' on 2nd November, 2009 at the International Conference RadTech 2009 at the India Habitat Center, New Delhi. He inaugurated this programme as the Chief Guest of the programme
- Ashok Singh Sairam presented a paper "Survey of Bandwidth Estimation Techniques" at IEEE International Advance Computing Conference, 6-7 March 2009, Patiala
- Nalin Bharti presented a paper "Global Financial Crisis: Where are the Regulators?" in the Fourth International Conference on Public Policy and Management (CPPM), Aug 9th to 12th 2009, organized by Centre For Public Policy, Indian Institute of Management (IIM) Bangalore
- Nutan Kumar Tomar attended a Study Group Meeting on Industrial Problems (SGMIP 2009), held at IIT Roorkee, March 16-21, 2009
- Rajesh Kumar participated in the workshop on 'Social and Political aspects of Language' at the Vidya Bhawan Society, Udaipur, Rajasthan, February 2009
- Rajesh Kumar presented a paper at the International conference on the languages of the North-East at the North Eastern Hill University, Shillong, March 2009
- Rajesh Kumar was invited for a talk on 'How do we learn a language?' at the Hotel Patliputra-Ashok, Patna (The talk was organized by UNICEF and State Council on Educational Research and Training, Bihar for Teachers' trainers), April 2009
- Rajesh Kumar delivered a series of lectures at the Center for the Study of Sociology of Education at the Tata Institute of Social Sciences, Mumbai during May 18 - June 10, 2009
- Rajesh Kumar's paper on the 'Implications of research in theoretical linguistics for language teaching' was accepted for presentation at the South Asian Languages Analysis Roundtable at the University of North Texas at Denton, June 2009
- S.K. Gupta, attended Advanced Training Programme on "Nonconvex Optimization and Its Applications" organized by DST-Centre for Interdisciplinary Mathematical Sciences, held at Banaras Hindu University, Varanasi (March 22-26, 2009)
- Smriti Singh was invited by the United States India Educational Foundation, New Delhi to the Fulbright Conference in Kolkata from March 2-4, 2009
- Smriti Singh presented a paper "From Texts to Visuals- place for Films in the Language and Literature classroom" at the national seminar on "Language and Literature in Global context: Perspectives and Challenges" (during March, 2-4, 2009) at Shri Mata Vaishno Devi University, Katra
- Somnath Sarangi presented a paper written jointly with R. Bhattacharyya and A. K. Samantaray, "On the Ballooning Motion of Hyperelastic strings" at 9th International Conference on Vibration Problems, January 19-January 22, 2009, IIT Kharagpur
- S. K. Gupta, N. Kailey and M. K. Sharma, "Nondifferentiable multiobjective second-order symmetric duality involving generalized cone F-convex functions", presented in Eighteen International Conference on Interdisciplinary and Statistical Techniques held at Jaypee University of Information and Technology, Wanknaghat, Himachal Pradesh, August 02-04, 2009



Memorandum of Understanding (MoU)

IIT-Patna and NIC, New Delhi: Indian Institute of Technology Patna and the National Informatics Center, New Delhi signed a Memorandum of Understanding whereby the latter would equip classrooms with virtual class room facilities (e.g., two LCD TV 40 inch, two cameras, two microphones, one LCD projector, one electronic white board, one Aethra machine, and one laptop). One room has already been equipped as part of the National Knowledge Network programme which was inaugurated by Hon'ble President Mrs. Pratibha Devi Singh Patil on 09th April, 2009. The aim is to create virtual classroom facility at mentoring and mentored IITs.

IIT-Patna and University of Houston, U.S.A.: The two institutes signed a Memorandum of Understanding on 23.09.09 under which B.Tech. and Ph.D. students and faculty from IIT Patna can go to the University of Houston for research and other collaborative activities and faculty from University of Houston can come and share their teaching and research experience at IIT Patna. The memorandum was signed by the Prof. Anil K. Bhowmick Director, IIT Patna while Prof. R. Krishnamoorti, Associate Dean, Research did the honours on behalf of the University of Houston.



Prof. R. Krishnamoorti and the Director on the occasion of signing of the Memorandum between IIT Patna and UH

Students' Activities



Achievements:

Four students of B.Tech. II (Anushmita Kaushik, Spandana, Goutam Chalsani and Devan) participated in an inter-college Parliamentary Debate organised by Magadh Mahila College, Patna University. IIT Patna won the trophy and Spandana bagged the best speaker award!

Cultural Club Activities:

March 2009: Yoga and Music classes were arranged for students. The classes were held during the weekends with the aim of keeping students involved in co-curricular activities which will develop their personality and bring out their talents.

March 2009: A gaming competition called 'Blitzkrieg' was organised. Counter-strike, a game that makes people go crazy for, all over the world...IITP just caught the fever too and it was time we felt who was good and who was better. Blitzkrieg was a platform for people to show their talent in the game. Conducted in the month of March after the mid-semester examinations, the competition did attract a lot of gamers. After a tough competition team Rambarose came out as the winners. The team comprised of Krish Mangal, K. Saiveer Reddy, K. Vishal and Naresh Sirvi. The runners up were team E-tigers comprising of Vivek Chandel, Udayveer, Karamveer and Sanjeev K. Kataria.

April 2009: The month of April saw the students gearing up for an Annual Fest. Though we had just one batch amongst us, their display of talents in singing, dancing, and acting left the audience spell bound.

August 7, 2009: First Anniversary Celebrations. IIT Patna had begun on this date in 2008. To mark the occasion, the students organised a small get together in the boys' hostel mess.

August 8, 2009: Meditation Awareness Programme. The Institute organized a meditation and yoga programme in August. The yoga and meditation programme was based on the concept of 'Sahaja yoga'. Students were taught the advantages of yoga

and meditation. Students were taught how to release heat from their body by meditation. Students actively participated realising the true importance of meditation. This programme also comprised of teachings about different other forms of meditation and their advantages. Four volunteers from the trust taught students the perfect position and discipline with which the yoga and meditation has to be performed.



Prof. A.T. Khan hoisting the national flag

August 15, 2009: Independence Day

A short programme was organized to mark the 63rd Independence Day and remember the people who fought for the freedom of our country.

August 19, 2009: Freshers' Day

The students organized a freshers' day programme called NEBULA '09. The chief guest for the occasion was Mr. Ravi Kant, Principal Secretary, Dept. of Science and Technology, Government of Bihar. The students of B.Tech. I year showcased their talents in singing, dancing and acting. Mr. and Ms. Fresher awards were



Mr. Ravi Kant, Principal Secretary, Department of science and Technology, addressing the audience on Freshers' Day



Scene from the skit 'Turncoat' staged by B.Tech. I students

given to Gurmanjeet and Spandana respectively.

The students also staged two skits on the occasion. While 'Turncoat' showed activities related to marriage in a society

dominated by women, 'teenage wasteland' dealt with the effect of drinking on youngsters.



The Director lighting the lamp on the occasion of Teachers' Day

September 5, 2009: Teachers' Day Celebrations

The students put up a short programme to entertain their teachers on this day. The students not only paid respect to Dr. Radhakrishna, the teacher of teachers, they also made their teachers forget the daily work load. It was the time of fun with games and songs, a skit and a wonderful display of drum beating by C. Y. Narendra.

October 17, 2009: Reverberance '09

A one-day fest was organised for the students. This wonderful day started with LAME AND BLIND, a kid competition which turned back the



Diya Decoration

pages of our life and we could revisit our childhood. The drawing and painting competition brought out the

hidden Da Vincis here. The MOUTH SHUT competition lasted for 3hrs and had a few of the moments when nerves went taut! Then there was a mini "SAGARAMATHAN", the TUG OF WAR which filled the air with yells of joy and cries of war! It was already dark and the background music was provided by the crackers which illuminated the HEAVENLY sky! The day came to an end with dancing and bonfire.



Students enjoying REVERBERANCE 2009

Environmental Club

Activities:

Slogan writing- September 2009



'Protect nature, protect yourself', - taking this as their motive, the Environmental club of IITP organized a slogan writing competition. As expected the response was immense. Many students came out with wonderful threads. The participants were judged under two categories, funny and serious. Anushmita Kaushik of 2nd year bagged away the first in the funny division with the slogan: 'You'll brush your teeth with the best toothpaste, but rinse your mouth with industrial waste,' while Animesh Prasad from 1st year won the first prize in the serious category for the slogan: 'Lend a hand, care for the land. Give a hoot, do not pollute.'

Tidy and untidy rooms- September 2009 The environmental club as a part of making the campus

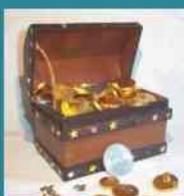


CLEAN and GREEN awarded the most tidy and the most untidy room award after a thorough scrutiny of each room. The winner was Gagandeep Singh and the

ones on the other side of the coin were Tejendra Pratap and Sahil Madaan.

Literary Club:

Treasure hunt- August 2009



The Literary club of IITP organised a treasure hunt on the 29th of August. The event received humongous response. 28 teams took part in this competition, making it a grand success. The

students were given a clue, which they had to solve to find out the next location. They visited 8 destinations spread across Patna. Two prizes and a special consolation prize to juniors were announced, sponsored by the college. First place was bagged by team Marlboro (Rohit, Tejendra, Saurav), second were Spirit (Nishant, Palak, Lovey, Kirti). The team that won from the juniors was Curious Cubs (Spandana, Sweeya, Pruthvi, Ajay).

Sports:

Volleyball and table tennis- Feb/Mar 2009.



The volleyball competitions took place during the month of February. It was an inter-floor competition. The first floor won the competition, followed by the second floor.



The table tennis competition took place in the knock-out format. Students were paired at random and made into groups. There were

three groups. The winner from each group had to play the other winners once and a final between the best two took place. The winner was Darohar and the runner was Braj Bandhu.

ACADEMIC CALENDAR FOR SPRING SEMESTER 2009-10

EVENT	DATE	DAY
Registration of all UG students	Jan 01, 2010	Friday
Registration of all PhD students (old and new entrants)	Jan 01, 2010	Friday
First day of Instruction	Jan 04, 2010	Monday
Last date of course adjustment	Jan 11, 2010	Monday
Mid semester Examination (MSE)	Feb 20, 22-26, 2010	Saturday, Monday to Friday
Mid semester Break (for UG students only)	Feb 27-Mar 02, 2010	Saturday to Tuesday
Classes begin after the mid semester break	Mar 03, 2010	Wednesday
Last date for showing mid-semester answer copies to students	Mar 08, 2010	Monday
Last date for floating courses by all departments to be run in Autumn semester 2010-2011	Mar 30, 2010	Tuesday
Last date for General Time Table slot allocation for Autumn Semester 2010-2011	Apr 12, 2010	Monday
Course pre-registration for Autumn Semester 2010-2011	Apr 13-14, 2010	Tuesday and Wednesday
Last day of Instruction	Apr 23, 2010	Friday
End Semester Examination (ESE)	Apr 26-May 01, 2010	Monday to Saturday
Make-up-Examination	May 05, 2010	Wednesday
Last date for submission of Grades	May 07, 2010	Friday
Last date for submission of the applications for changing the Branch for B.Tech I-year students	May 11, 2010	Tuesday
IAPC meeting	May 12, 2010	Wednesday
Declaration of Results	May 14, 2010	Friday
Summer Break begins (Only for UG students)	May 02-July 22, 2010	Sunday to Thursday
Summer Vacation (Only for Teachers)*	May 10-July 16, 2010	Monday to Friday
*Teachers can avail their vacation leave according to the Institute rules.		
Registration of students for the Summer Quarter (SQ)	May 17, 2010	Monday
SQ classes begin on	May 18, 2010	Tuesday
Mid-Summer Examination for SQ	June 17-18, 2010	Thursday and Friday
SQ classes end on	July 15, 2010	Thursday
End-term Examination for SQ	July 16-17, 2010	Friday and Saturday
Make-up-Examination for SQ	July 19, 2010	Monday
Last date for submission of grades for SQ courses	July 21, 2010	Wednesday
Declaration of Results of SQ	July 23, 2010	Friday
Welcome and Orientation for new entrants	July 26, 2010	Monday
Registration for Autumn semester 2010-11 of new entrants (PhD)	July 26, 2010	Monday
Registration for Autumn semester 2010-11 of new entrants (UG)	July 27, 2010	Tuesday
Registration for Autumn semester 2010-11 (all old students)	July 28, 2010	Wednesday

ACADEMIC CALENDAR FOR AUTUMN SEMESTER 2010-11

EVENT	DATE	DAY
Welcome and Orientation for new entrants	July 26, 2010	Monday
Registration of new entrants (PhD)	July 26, 2010	Monday
Registration of new entrants (UG)	July 27, 2010	Tuesday
Registration of all old students	July 28, 2010	Wednesday
First day of Instruction	July 29, 2010	Thursday
Last date of course adjustment	Aug 05, 2010	Thursday
Mid semester Examination (MSE)	Sep 16-18, Sep 20-22, 2010	Thursday to Saturday & Monday to Wednesday
Mid semester Break (for UG students only)	Sep 23-26, 2010	Thursday to Sunday
Classes begin after the mid semester break	Sep 27, 2010	Monday
Last date for showing mid-semester answer copies to students	Oct 01, 2010	Friday
Last date for floating courses by all departments to be run in Spring Semester 2010-2011	Oct 29, 2010	Friday
Last date for General Time Table slot allocation for Spring Semester 2010-2011	Nov 08, 2010	Monday
Course pre-registration for Spring Semester 2010-2011	Nov 09-10, 2010	Tuesday and Wednesday
Last day of Instruction	Nov 19, 2010	Friday
End Semester Examination (ESE)	Nov 22-27, 2010	Monday to Saturday
Make-up-Examination	Dec 01, 2010	Wednesday
Last date for submission of Grades	Dec 06, 2010	Monday
Winter Break begins (Only for UG students)	Nov 28 -Dec 24, 2010	Sunday to Friday
Winter Vacation (Only for Teachers)*	Dec 08- Dec 22, 2010	Wednesday to Wednesday
*Teachers can avail their vacation leave according to the Institute rules.		
IAPC meeting	Dec 08, 2010	Wednesday
Declaration of Results of Autumn semester 2010-11.	Dec 10, 2010	Friday
Registration of all UG students for spring semester 2010-11	Dec 27, 2010	Monday
Registration of all PhD students (old and new entrants) for spring semester 2010-11	Dec 27, 2010	Monday
First day of Instruction for spring semester 2010-11	Dec 28, 2010	Tuesday

Institute Holidays for the Year 2010

Holiday	Date	Day of Week
Republic Day	26-01-2010	Tuesday
Milad-un-Nabi	27-02-2010	Saturday
Holi	01-03-2010	Monday
Ram Navami	24-03-2010	Wednesday
Mahavir Jayanti	28-03-2010	Sunday
Good Friday	02-04-2010	Friday
Buddha Purnima	27-05-2010	Thursday
Independence Day	15-08-2010	Sunday
Janmashtami	02-09-2010	Thursday
Idu'l Fitr	11-09-2010	Saturday
Mahatma Gandhi's Birthday	02-10-2010	Saturday
Maha Asthami	15-10-2010	Friday
Dussehra (Vijaya Dashami)	17-10-2010	Sunday
Diwali (Deepavali)	05-11-2010	Friday
Chatth Pooja	11-11-2010	Thursday
Idu'l Zuha (Bakrid)	17-11-2010	Wednesday
Guru Nanak's Birthday	21-11-2010	Sunday
Muharram	17-12-2010	Friday
Christmas Day	25-12-2010	Saturday

Budding Writers

Paradise Ride

In this age of information, where modes of travel are getting faster day in and day out, there is something peculiar about Patna's transport system. People in general, prefer to reach their destination faster. People here seem to be unorthodox, at least when it comes to small distance travelling in the city. Rickshaw is one of the most preferred modes of transport. The rickshaws are very slow when compared to the motored transport. They are neither comfortable nor cheap when compared to the motor transport, yet people love to ride home in the three wheeled homo-sapien driven vehicle. The motor transport damaged this kind of transport in many a metro city in INDIA but the people of Patna love this as much as the Italians love the Ferrari.

What's so special about this INDIAN Ferrari? You must take a ride to feel it. The klik-clak sound of the half-worn away pedals, ting! The sound of metal against metal when you apply the brakes, the tring-tring sound of the bell (resembles the old telephone ring) give you altogether a new feeling. This indeed seems pleasing after the daily noisy clumsy motor transport you take to your destinations. The idea of a ride during the evening with your partners can also make it romantic; the wind ruffling through your hair, the sound of the wind through your ear and a pleasant talk would just spice up your perfect evening. Though this mode of transport is a little costly compared to the orthodox means, but once a while it is duly affordable. The people of Patna have surely realised there is a small paradise right outside their gates waiting for them, so just go and get the ride of your life

Goutam Chalasani

B.Tech. II

Electrical Engineering

Editorial Team:

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The Countryside

Cold sweet breeze, it lifts our hearts
meadows with greeny ripples, can't restrain my heart pulls
chirping birds, moving cattle herds
butterflies and bees, cheer up all who sees
blue sky touching trees, low lying houses crease
blooming flowers what a fragrance, leaves our mind in a remembrance
water through the ravine, sweet as juice of pine
sprinkles of these waters, nothing else matters
rain rain come again, relieve everybody from their pains
puddle water what a smell, cures all illness what a pill
when he sits on us the red moon, lets jump into the pond soon
orchards orchards everywhere, lets do something that's not fair
water from the earthen pot, the awaited nectar sought
candles in the night, eternal source of light
lie under the HEAVENLY sky and dream of HEAVEN????????????????????
But you are in the HEAVEN, it's the countryside!!!!!!!

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The Lost Childhood

It's not one of the balmiest days
The tropical, bright and the silvery Sun burnt her skin
But near the bus stop before a motley crowd
Displaying her acrobatic skills
She tossed her body - up and down.....

Shabbily dressed in a rented attire,
With painted red cheeks and inquisitive eyes
Deprived of ecstasy of her tender age
Shackled hard in the chains of servitude
'Flexed her body across unkind iron rings many times

Blinded in to the cause of the family - deep in penury
With little time to reflect on her childhood
She carries on with the ruthless job
Unaware of her constitutional rights
While the enlightened congregation pretend ignorance?

Tired and reticent post the show, she gazes at the crowd,
With a pouring heart, her innocent eyes peep wide
Recalling yesterdays' moments of perch in mother's lap
Recollecting the reckless playtime joys
She searches for those priceless moments

With a broken bowl, the master pushes her to the gathered crowd
Muttering the imbibed rhyme, she pleads for offerings
Unkind to her real cause, some gave one, some two, while some none
Who bothers to reinstate her tender moments of babyhood?
Her childhood, the lost childhood

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Main Building IIT Patna



Software Technology Park



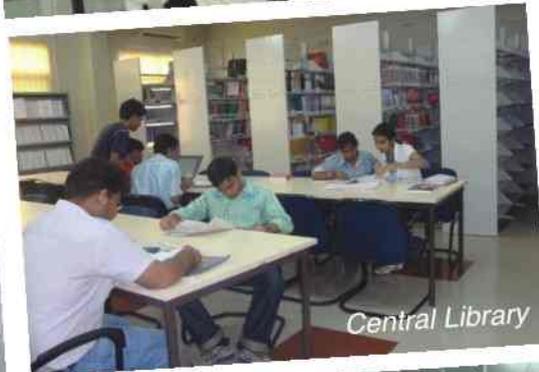
Electrical Engineering Laboratory



Fume Cupboard in Chemistry Laboratory



Computer Science Laboratory



Central Library



CNC Machines (CAD/CAM Laboratory)



Physics Laboratory