



Newsletter from IIT Patna

Impulse

2018 - 2019/ Vol. XI

FROM THE DIRECTOR'S DESK



Dear IIT Patna Fraternity,

I am very happy to see yet another edition of Impulse- the 2019 edition- coming out. Impulse indeed captures the pulse of the institute, eagerly awaited and widely read by the institute fraternity. The focus of Impulse is on coverage of (a) events like workshops, (b) games and sports, and (c) socio-cultural aspects of the institute.

In every edition of Impulse in Director's message I try to give a sense of institute's current priorities. After shifting to the campus in 2015, our first two years were spent in stabilizing ourselves in the new environment. Simultaneously and in the next two years our priority was streamlining. Processes and structures were established and/or updated to meet the demands of growth and stability. We can confidently say that IIT Patna is a well governed institute with high value placed on transparency, harmony, fairness, drive and efficiency.

In 2019, our priority is expansion. We are working on new academic programs, looking to bring in more and more high visibility events, getting high value, high end projects, recruiting, expanding student base and so on. Simultaneously, we are also careful not to waste any resource- man, material and mechanism- and setting up a very efficient financial and administrative system. We are aware of the power and inevitability of automation and are drafting AI in many of our operations. Indeed the day is not far off, when IIT Patna will vie with top institutes of the country for setting up and leading national agenda.

I thank the Impulse team for their good work in presenting to the outside world IIT Patna.

विश्व का मुकुटमणि आई आईटी पटना
सदा तत्पर सदा जाग्रत पीछे ना जाने हटना ।

Jai Hind!

Prof. Pushpak Bhattacharyya

INDEX

01

From the Director's Desk

02

Editorial Convocation 2018 R S Day 2019

03

Sponsored projects from January 2018 to February 2019

06

Collaboration with Foreign Universities

07

Academic Events

10

Proud Moments of IIT Patna

11

Training and Placement

12

Events – Cultural / Technical

18

Sports Activities

19

Publications

EDITORIAL

Welcome to IIT Patna's newsletter Impulse, the 2019 edition that showcases our journey towards sustainability and expansion. Congratulations to one and all for nurturing ideas, executing it with a promise to grow within and beyond capabilities. On behalf of the editorial team, I thank our Hon'ble Director, Prof. Pushpak Bhattacharyya, faculty members, staffs and students for their enthusiasm and support in bringing out this newsletter.

I sincerely wish that you enjoy reading this edition as much as I enjoyed editing it.

Priyanka Tripathi

CONVOCATION 2018

The 6th Convocation of IIT Patna was held on 13 Sept. 2018 at Gyan Bhawan in Patna. Year 2018 was special since as it marked a decade of IIT Patna's existence and this convocation was special because the first batch of M.Sc. students received their degrees along with B.Tech., M.Tech. and Ph.D. students. The Chief Guest for the convocation was Padma Shri Shri Manas Bihari Verma, the brain behind TEJAS – India's light combat aircraft. The Guest of Honour on this occasion was Padma Shri Prof. Mandindra Agrawal, Deputy Director, IIT Kanpur and famous for developing the Algorithm – the AKS Primality Test. In this convocation, 172 B.Tech. students, 22 M.Sc. students, 67 M.Tech. students and 15 Ph.D. students were awarded their degrees.

While the President of India Gold Medal for academically best student went to Jatin Kalra, B. Tech. from Department of Mechanical Engineering, the Institute Silver Medal for securing highest CPI in each course went to Naman Agrawal, Durgesh Kumar, Jatin Kalra, S. Pranav and Akshay Sukumar Ajagekar. The Kedar Nath Das Memorial Award was given to Naman Agrawal of Dept. of Computer Science and Engineering. It is an award of Rs. 10,000/- The Aryabhata Gold Medal in M.Sc. was awarded to Rohit Kumar of Dept. of Physics.

The Institute Silver medals in M.Sc. were awarded to Rohit Kumar, Suman Kumari and Argha Saha of Physics, Mathematics and Chemistry respectively. The Chairman's Gold Medal awarded to academically best student for M.Tech. students was awarded to Kumar Nishant Ujjwal from Department of Civil and Infrastructure Engineering and the Institute Silver Medal for securing highest CPI in each course was awarded to Kumar Nishant Ujjwal, Ankur Pandey, S. Ryan Thomas, Mansi Maheshwari, Saurabh Srivastava, Anurag Shukla, Kanika Choudhary, and Prakhar Verma. Apart from these medals, B.Tech. and M.Tech. Students were awarded "proficiency in project work prize" of Rs. 5000/- and Rs. 7500/- respectively, for the best project works in their departments. The chief guest, Padma Shri Manas Bihari Verma exhorted the students to be enthusiastic about the future and make an effort to face challenges thrown to them by the outside world. He laid stress on encouraging the culture of innovation and industry – academia collaborative research. The Chairman of the Board of Governors, Padma Bhushan Shri Ajai Chowdhry congratulated the students on their success. The Director of the Institute, Shri Pushpak Bhattacharyya dwelt at length over the growth of the Institute during the recent years. On the

whole, it was a time of festivities and happy faces and emotional moments with group photos, selfies, and celebrations adding to the mood. Family members exchanged notes of the success of their wards and immensely enjoyed the graduation ceremony. Dr. Ajay D. Thakur and Dr. Anirban Bhattacharya, the conveners for the Convocation 2018 received immense support from the IIT Patna fraternity in the successful organization of the event.



RESEARCH SCHOLARS' DAY 2019

On 9th March 2019 Research Scholars' Day was celebrated at IIT Patna. The Guest Speakers comprised a list of eminent academicians and professionals, Prof. Amit Agarwal (IIT Mumbai, Shanti Swarup Bhatnagar Awardee), Prof. Soumen Chakrabarti (IIT Mumbai, Shanti Swarup Bhatnagar Awardee), Prof. Kapil Hari Paranjape (IISER Mohali, Shanti Swarup Bhatnagar Awardee, JC Bose Fellow), Prof. Aparna Rayaprol (University of Hyderabad), Mr. Shree K (Director, Credit Suisse). A total number of 150 posters were presented by PhD students and 27 research scholars participated in the event of my research in three minutes. Nearly 400 PhD students attended this event in the evening and Vidushi Shubhra Guha, a

noted semi classical vocalist of Agra Gharana performed under the banner of Spic Macay.

Winners of "My Research in 3 Minutes":

- 1) First: Nirbhay Kumar (Mechanical Engineering)
- 2) Second: Kundan Kumar (Material Science Engineering)
- 3) Third: Sunita Kumari (Chemistry)

Winners of Poster Presentation:

- 1) Mathematics: Sachin Pathak
- 2) Physics: Rabichandra Pandey
- 3) Chemistry: Mukta Shaw

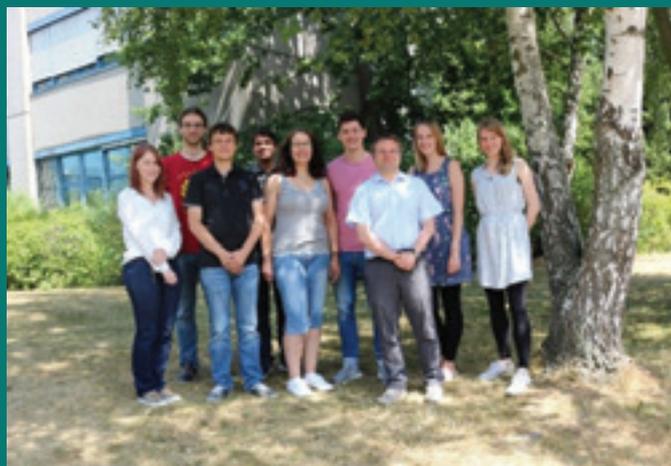
- 4) CSE: Niraj Kumar
- 5) EE: Arun Kumar
- 6) ME: Alok Kumar
- 7) Civil: Hasthi Venkateswarlu
- 8) Humanities: Nusrat Begum
- 9) Material Science: Kundan Kumar
- 10) Chemical and Bio Chemical: Akansha Pathak

RSD 2019 Committee included Dr. Amit K.Verma, Dr. Rajendra Pramanik, Dr. Vishal Deshpande, Mr. Mayank (PGR Gymkhana).



COLLABORATION WITH FOREIGN UNIVERSITIES

The German Academic Exchange Service (DAAD) invited Dr. Neeladri Das, Associate Professor, Department of Chemistry to Germany for research purposes. Dr. Das visited Technische Universität Braunschweig, Germany in the "Research Stays for University Academics and Scientists, 2018" programme of DAAD. Prof. Dr. Ingo Ott hosted Dr. Das in Germany. This scientific collaboration is active since 2017.



Innopolis University



IIT Patna has signed up a Memorandum of Understanding (MoU) with Innopolis University, with aims to increase collaboration, cooperation, and interaction for the further promotion and understanding of Computer Science and Information Technology. **Prof. Pushpak Bhattacharyya, Director, IIT Patna and Mr. Kirill Semenikhin, Director, Innopolis University, Innopolis City 420500, Russia signed this MoU on 06-02-2018.** The purpose of this collaboration is to be increased collaboration, cooperation, and interaction for further promotion and understanding of computer science and information technology. The parties intend to explore cooperation prospects in the following areas:

- Exchange of faculty members, researchers, students for lectures, visits, joint - experiments, implementation of other collaborative projects.
- Cooperative research projects to be carried out in selected fields agreed upon mutually;
- Exchange of publication and other academic research information of common interest, as availability and resources permit;
- Development of joint degree programs, special programs, and internship;
- Organizing events of common interest (including conferences, workshop, etc.).

KYOTO University



IIT Patna has signed up a general memorandum for Academic Cooperation with "The Graduate School of Informatics, Kyoto University," for research collaboration leading to patent rights, copyrights, or other intellectual property rights. **This MOU was signed by Prof. Pushpak Bhattacharyya, Director, IIT Patna and Dr. Yoshimasa Nakamura, Dean, Graduate School of Informatics Kyoto**

University, Yoshida Honmachi, Sakyo-Ku, Kyoto 606-8501, Japan on 25-11-2018. The purpose of this MOU is to promote student exchange between the two institutions based upon the General memorandum for Academic Cooperation and exchange between the parties. Both parties will promote in particular the following activities:

- Exchange of scientific materials, publications and information;

- Exchange of faculty members and researchers;
- Exchange of students;
- Joint research and meetings for research.

ACADEMIC EVENTS

Launching International Relations website of IIT Patna

Recently, IIT Patna has launched International Relations website (www.iitp.ac.in/ir) for the international cooperation of the Institute. Through the IR website:

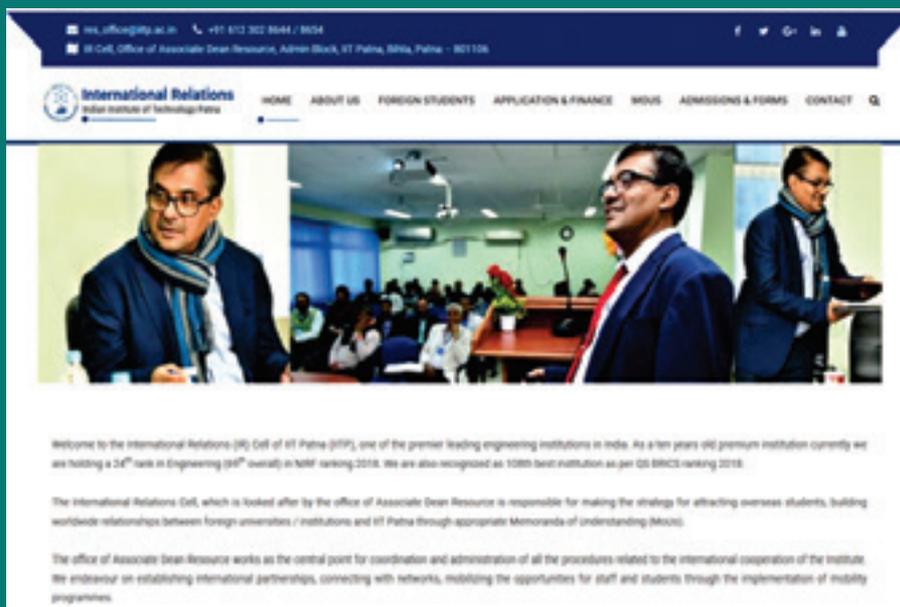
- Office spreading the information about the possibilities of participation in exchange Programme in the academic community.
- Information about collaborations with foreign universities / academic / research organizations through appropriate memoranda (MoUs).
- Promote and handle the mobility of students with foreign institutions with which IITP has agreements of collaboration or without having collaboration.
- Department of Computer Science & Engg at IIT Patna organised a Short Term Course CEP/FDP on "Big Data

Computing: A Practical Approach" from 3rd to 7th December 2018. Coordinator- Dr Rajiv Misra

Department of Physics organised International Conference on Quantum and Atom Optics (ICQAO- 2018)" on 16th December 2018 in the main campus of Indian Institute of Technology Patna (IIT Patna), India. Quantum Technology utilizing quantum optics and atom optics is globally a high priority theme for the next generation technology. The Conference provided a single platform to bring together leading scientists, researchers, research scholars, and engineers from across the globe to exchange their knowledge, practical challenges encountered and the solutions adopted in almost all aspects of the two important areas: Quantum Optics and Atom Optics.

Coordinator- Dr. Utpal Roy

Snapshot of IIT Patna's International Relations Website



PARTICIPATION IN STUDY-IN-INDIA

IIT Patna has signed a MOU with Study-in-India program initiated by MHRD aiming to attract foreign students to pursue higher education in India.

The main objectives of Study-in-India program are to:

- Encourage more foreign students to choose India as destination of higher education.
- Double India's market share of global education export from less than 1% to 2%.
- Improve global ranking of Indian education institutes.

CONTINUING EDUCATION PROGRAMME

The Continuing Education Programme (CEP) activity has been set up to meet the manpower training and knowledge upgradation needs of the industry, academia, and research organizations. The main aim of CEP of Indian Institute of Technology Patna is to impart knowledge related to the frontiers in science, technology, and management to the people, who want to upgrade their knowledge relevant to their field of interest. CEP of IIT Patna is dedicated to assist working professionals in widening their knowledge base and improving their skills. Currently IIT Patna is running three separate programmes under the umbrella of CEP; namely CEP courses, quality improvement programme (QIP), and third phase of Technical Education Quality Improvement Programme (TEQIP-III).

CEP courses as offered by IIT Patna cover wide areas of science and technology relevant to industry, academia, and research & development. The courses not only cover the topics related to cutting edge technology but also provide deeper and practical perspective of conventional subjects, which are covered in regular curriculum. Last year nine CEP courses have been offered from IIT Patna and around 250 participants from industry and academia have attended these courses.

The quality improvement programme (QIP) is a Govt. of India initiative for enhancing the expertise of the teachers of AICTE approved degree-level engineering institutions and National Institutes of Technology (NITs) of the country.

IIT Patna currently working as a new QIP centre with a close coordination with Principal Coordinator, QIP (Engineering), IIT Delhi. IIT Patna has started admission process of PhD candidates in five engineering departments under QIP.

The third phase of Technical Education Quality Improvement Programme (TEQIP-III), which is for improving the quality of Engineering Education in existing institutions by improving their policy, academic and management practices; has been launched by National Project Implementation Unit (NPIU), MHRD, Govt. of India. Indian Institute of Technology Patna has been selected to participate in TEQIP-III programme for providing mentorship to Lok Nayak Jay Prakash Institute of Technology, Chapra and Darbhanga College of Engineering, Darbhanga under Twinning arrangement. Currently IIT Patna is conducting various twinning activities for the two Mentee Institutes.

Photographs of CEP program organized by Electrical Engineering Department, IIT Patna



Dr. Ranjan K. Behera and Dr. Sanjoy K. Parida organized One Week Teachers Training program on "Component and Applications of IOT (CAIOT)" from 24th to 28th September, 2018 under the scheme Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMNMTT), Ministry of Human Resources Department, Govt of India at Indian Institute of Technology Patna



CAIOT Course



World Solar Cooperation and Validation team of National Institute of Solar Energy

Summer Course on 'MOSFET Modeling & Simulation' MMS-2018 July 06-08, 2018

The basic objective of this summer course was to introduce various modeling and simulation techniques used for the performance characterization of advanced semiconductor devices including nanoscale field-effect-transistors (FETs), nanoelectronic and optoelectronic devices to the young graduate students and research scholars of various technical colleges and universities.

Med Tech Innovation, IIT Patna, Dec 24-28, 2018

This CEP course was aimed at giving faculty, Research Scholars and Students an in-depth understanding of terminologies and core concept behind medical device innovation.

Understanding your data: Analytical Tools

Two days CEP Course was organized at Indian Institute of Technology Patna by the Department of Humanities and Social Sciences on “Understanding your data: Analytical tools” from 30th November 2018 to 1st December 2018. The course introduced the participants from variety of disciplines to the basic data analysis techniques using hands-on training on statistical packages. The main highlights of the course were univariate data analysis, descriptive statistics, inferential statistics, bivariate data analysis and multiple regression analysis.

Mediation, Moderation and Conditional Process Analysis (7-8th Dec 2018)

Two days CEP Course was organized at Indian Institute of Technology Patna by the Department of Humanities and Social Sciences on “Mediation, Moderation and Conditional Process Analysis” from 7th December 2018 to 8th December 2018. Using regression based path analytical framework, the contents of this course covered the fundamentals of mediation and moderation analysis as well as their integration in the form of conditional process analysis.



PROUD MOMENTS OF IIT PATNA

- IIT Patna has been placed 108th in the QS University Rankings: BRICS. "Over 300 universities from India, China, Russia, South Africa and Brazil have been observed and graded this year", as per press reports. This is the first time IIT Patna has entered a QS ranked list.
- Prof. Pushpak Bhattacharyya, Director IIT Patna, led the Indian Delegation in the International Meeting of ISO on Artificial Intelligence at Google Sunnyvale, California 8-12 Oct, 2018. Prof. Bhattacharyya is the BIS, Ministry of Commerce appointed Chairman of AI Standardization Committee of India whose members include IITs, IIITs, Ministries, and top IT industries like TCS, Google, IBM, Microsoft, ANZ, Honeywell, Samsung and others. The US meeting is focusing on in depth study of Concepts and Terminology, Machine Learning driven AI Framework, Trustworthiness of AI Systems, Use Cases of AI and Characterization of AI.
- Dr. Manabendra Pathak, Dept of Mechanical Engineering, has been selected for "Academic Excellence" award under the subcategory "Head of the Department" at IEI-FCRIT Excellence Award 2019.
- Dr. Sriparna Saha (CSE), Dr. Shovan Bhaumik (EE), Dr. Sanjoy Kumar Parida (EE) have been awarded the prestigious "Young Faculty Research Fellowship 2018" under Visvesvaraya PhD Scheme for Electronics & IT.
- Dr. Sriparna Saha has won SERB Woman Excellence Award in 2018
- The compendium of Research Highlights in YSS (Start-up grant for Young Scientists) Engineering Sciences programme was released on first conclave of National Postdoctoral Fellowship awardees on 25th July 2018 at National Institute of Plant Genome Research (NIPGR) New Delhi. Nationwide, total 53 projects (in the category of Engineering Science) were chosen and highlighted by the Expert committee. From IIT Patna, works of three (03) principal investigators (PI) have been showcased in this compendium of Research Highlights. The faculties include: Dr. Anirban Chowdhury (MME), Dr. Probir Saha (ME) and Dr Yatendra Kumar Singh (EE)
- Dr. Anup Kumar Keshri has been selected for the short research stay at University of Kassel, Germany by Alexander von Humboldt Foundation through their CONNECT 2018 Programme.
- Tirthankar Ghosal has been awarded the AWSAR award 2018 (within top 100 among 5000+ participants) in the popular science story category organized by DST.
- Mr. Nilotpal Chakraborty, a research scholar in the department of CSE has been selected for Richard E. Merwin Student Scholarship.
- IIT Patna received 1st and 2nd prize for Best M.Tech Thesis Award from ISTE: Bhaskar Panna (Under the guidance of Dr Rajiv Jha); Ankur Pandey (Under the guidance of Dr Preetam Kumar and Dr Sudhir Kumar)



IEEE Patna Sub-section Inauguration



On 4th October 2018, IEEE Patna subsection was inaugurated at IIT Patna. It was inaugurated by eminent academican Prof. Milind Tambe, University of Southern California, USA, and Founding Co-director, USC Center for Artificial Intelligence (AI) in Society. He delivered an interesting key note talk on "AI for Social Good: Decision aids for Countering Terrorism, Extinction, Homelessness".

National Open Data hackathon

IIT Patna won the Third Prize in National Open Data hackathon. It includes cash prize of Rs 50,000.00 and Citation. Congratulations to Binayak Krishna Swami and Rakesh Kumar Sanodiya. They collected the prize from Union Minister of Law and Justice and Electronics and Information Technology, minister Shri Ravi Shankar Prasad on 1st November 2018.





& PLACEMENT

Training and placement cell (TPC) of the institute handles all aspects of placements at IIT Patna for the graduating students of all departments. Right from contacting companies to managing all logistics of arranging for tests, pre-placement talks and conducting final interviews the Training and Placement Cell officials and volunteers provide their best possible assistance to the recruiters. TPC Cell comprising of students' representative and faculty members facilitate the interaction between students and organization to find their best matches in terms of their expectation, aspirations and requirements.

As IIT Patna completes a decade and steps into the 11th year, the Placement has seen a steep rise over the past few years. Along with the passing years, grows the expectation of the industries and we are happily working towards fulfilling them at a great pace.

The current placement session 2018-19 is going on and till date IITP students have bagged a total of 153 offers. Thus 76 % offers have been received by the students while hosting 70 companies.

One of our students has an International offer by FujiFilm Software co. Ltd and the Pre final year students have 6(Six) International internship offers through Webstaff.

While maintaining our bond with big names of the Corporate World such as DE Shaw and Code Nation which has offered the highest package of 33.50 lakh and 31 lakhs respectively, we have also added new names in our list of recruiters including Arcesium among the many others, which has offered a package of 32.5 lakhs to two of our students. Apart from this, students have received tempting offers from Goldman Sachs, Google, Samsung(R & D),

CEWIT , MediaTek, L&T ECC, L &T Infotech, Addverb, TCS-CTO, Angel Broking, and many others with profiles varying from Software Engineer to Research Engineer, Scientist, Analyst to name a few.

Various Universities have recruited Ph.D Students for the profile of Assistant professor through training and placement cell, IIT Patna. Some of the PSUs, like ISRO has recruited the bright minds from IITP and IOCL has plan to participate in our recruitment process.



A few glimpses of campus drive at IIT Patna

Institute Lecture

Speaker: Prof. Bikramjit Basu, from MRC, IISC
Bangalore
(Expert in Biomaterials)
Date: 15th Nov. 2018

Institute Colloquium October 2018

- The Nobel Prize in Medicine (2018) was awarded to James P. Allison and Tasuku Honjo "for their discovery of cancer therapy by inhibition of negative immune regulation." Presenter- Dr. Prolay Das
- The Nobel Peace Prize (2018) was awarded to Denis Mukwege and Nadia Murad for courageously combating war crimes and seeking justice for victims.
Presenter- Dr. Priyanka Tripathi
- The Prize in Economic Sciences (2018) was awarded to William D. Nordhaus "for integrating climate change into long-run macroeconomic analysis" and Paul M. Romer "for integrating technological innovations into long-run macroeconomic analysis."
Presenter- Dr. Meghna Dutta and Dr. Rajendra N. P.
- The Nobel Prize in Physics (2018) was awarded "for ground-breaking inventions in the field of laser physics" with one half to Arthur Ashkin "for the optical tweezers and their application to biological systems" and the other half jointly to Gérard Mourou and Donna Strickland "for their method of generating high-intensity, ultra-short optical pulses".
Presenter- Dr. V R Dantham
- The Nobel Prize in Chemistry (2018) was awarded with one half to Frances H. Arnold "for the directed evolution of enzymes" and the other half jointly to George P. Smith and Sir Gregory P. Winter "for the phage display of peptides and antibodies."
Presenter- Dr. Jobin Jose and Dr. Sanjeev Kumar
- The Nobel Prize in Physics (2018) was awarded "for ground-breaking inventions in the field of laser physics" with one half to Arthur Ashkin "for the optical tweezers and their application to biological systems" and the other half jointly to Gérard Mourou and Donna Strickland "for their method of generating high-intensity, ultra-short optical pulses".
Presenter- Dr. V R Dantham
- The Nobel Prize in Chemistry (2018) was awarded with one half to Frances H. Arnold "for the directed evolution of enzymes" and the other half jointly to George P. Smith and Sir Gregory P. Winter "for the phage display of peptides and antibodies."
Presenter- Dr. Jobin Jose and Dr. Sanjeev Kumar

Lecture series on Gandhian approaches to resolve problems in societies

The theme of the series is: "Gandhian Epistemology and Social Science Research"

Date- October 10, 2018 (Wednesday)

1. Dr. Aditya Raj- Conceptualizing Epistemologies, Locating M K Gandhi
2. Ms Srishti- Health Promotion through the Eyes of Gandhi
3. Ms Anupama- Gandhian Approach to Waste Management
4. Mr Prem- Processes and Practices of Gandhi for Education

EVENTS – CULTURAL / TECHNICAL

Nebula 2018

The fresher's party continued its legacy of success. This edition of the event proved to be the most successful Nebula in the history of IITP welcoming around 240 freshers this year. The party began with a lamp lighting ceremony shortly followed by formal introductory speeches by the Chief Guest. Beginning with a plethora of events, first performance to be showcased was a classical dance and then a group song by first year and second year students. Next on the stage was an unprecedented performance. A group of first year students formed a fusion band and performed with a keyboard, an acoustic guitar and synthesizer in the background and marked the formation of a new band IITP. After this; IIT Patna witnessed the super awesome Mime performance in the institute aptly acted by the freshers depicting the varied mindset of a person in different situations. The excitement augmented to a joyful high when the fashion show embarked on. Beginning the charismatic show, the fresh batch put up an attractive fashion show in which gorgeous looking girls and smartly dressed boys walked the ramp for the coveted Mr and Miss Fresher's title. The contest, held in a number of rounds was keenly contested and judged the students on different parameters. Ms. Shreya Sinha and Mr. Shashwat Mahajan were adjudged as Ms. Fresher & Mr. Fresher respectively. As the mercury began to rise, the dance floor was left open for some unbridled energy and the night concluded with a DJ-Night.



Independence Day '18

The function started with the flag hoisting ceremony by Honourable Director of IIT Patna, Prof. Pushpak Bhattacharyya . This was shortly followed up by an inspiring speech by the director. Lined up next were the jingoistic events organized by the students of IIT Patna. The intellectual minds presented a mélange of cultural activities, which created an atmosphere of national pride on the premises of the institute's campus on Thursday. House of Socio-Cultural Affairs, IIT Patna organized a street play which imparted a very inspiring social message. Other events encompassed the patriotic songs sung by the students. The entire atmosphere was filled with songs full of nationalism highlighting India's flight to progress in spite its diversity.



SPIC MACAY EVENTS 2018- 19

All are invited

SPIC MACAY

Presents VIRASAT 2018
at IIT Patna (Bihta)

Time: 6:30 pm
Everyday



<p>Vidushi Tulika Ghosh Hindustani Vocal</p> <p>02.08.2018 THURSDAY</p>	<p>GOTIPUA DANCE by Sri Bijay K Basu and group</p> <p>04.08.2018 SATURDAY</p>	<p>Pt. Vishwamohan Bhatt Padmabhushan, Grammy Awardee</p> <p>Mohan Veena</p> <p>06.08.2018 MONDAY</p>
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With the intentions of cherishing traditional Indian culture, IIT Patna has organized four cultural evenings with Spic Macay. The series event started with the legendary vocal artist Vidushi Tulika Ghosh performing on 2nd August, followed by the divine and enthusiastic dance performance of Gotipua by the young dancers on 4th August. Their beautiful dance performance won the hearts of each and every member of IIT Patna present in the audience. This event was followed by a breath-taking performance by the Grammy award winner Pandit Vishwa Mohan Bhatt who spread the magic of his art through his instrument the "Mohan-Venna" on 6th August, 2019 marking the Foundation Day celebration of the institute.



Vidushi Tulika Ghosh



Gotipua performance



Pt. Vishwa Mohan Bhatt



Pt. Ronu Majumdar

The fourth Spic Macay evening was organised in the month of January 2019, with the flute performance of Pandit Ronja Majumdar on 11th January along with other artists.

FOUNDATION DAY 2018

Passing through every ups and downs, IIT Patna has completed its decennial year gracefully bloomed by laying its first stone on 6th August, 2008 to its tenth anniversary on 6th August, 2018. The foundation was celebrated by a series of events on Extemporary, Sketching, Short-Film Making and Photography. The day was further celebrated by the talk of the Chief Guest, the renowned personality Professor Shankar K. Pal from Indian Statistical Institute, Kolkata.



FLIP-TOE : THE INTRA-COLLEGE DANCE COMPETITION

An Inter Hall Dance competition was organised on 4th September, named Flip-toe. Including some spine-chilling performances, the event provided a great opportunity for the freshers to blossom up as well as the seniors to prove their superiority. The events was organised in the Foundation Academy with great enthusiasm. The categories among which the competition held was Solo as well as Duet. In Solo the position was occupied by Rishab (First Position), Bhavani Susmita (Second), Grace Rawat (Thired Position). The battle of Duet was won by Bhavani Sushmita and Shanu Madhukar.



GANDHI JAYANTI & SWACHH BHARAT ABHIYAAN

On the auspicious occasion of 150th Gandhi Jayanti, a series of three days event was including Saadhna Diwas was celebrated in IIT Patna. Students and faculties came together with a magical and patriotic musical performance with Honourable Director Sir Pushpak Bhattacharyya also performing alongside. A campus cleanliness drive was organized in the morning where all the students of the campus along with the faculties actively took part in cleaning the campus under the flagship of NSS. Cycle Yatra and a Pad yatra were also organised to increase awareness in the society, in which students actively participated. Cultural events were also organised which included film making competition and monoact with the theme of 'Gandhigiri' to introduce and inspire others with the ideals of Gandhiji. A quiz was also organised on the auspicious occasion in which the students participated actively.



REVERBERANCE

Diwali is one among those festivals which is most awaited at IIT Patna. To mark and celebrate the festive spirit of Diwali, House of Socio-Cultural Affairs and House of Literature and Fine Arts presents Reverberance, the Inter-Hall Cultural Tournament.

Competitions are the core of any fest and Reverberance is no different. The Inter-Year Cultural Competitions at Reverberance have been a bastion of opportunities to showcase the talent in any genre of cultural proficiency. Covering the genres of Dance, Dramatics, Design and Gaming, Fine Arts and Music ,Reverberance have something for everyone. Events are planned out for two days and evenings are ended by college bands performances and a mind blowing DJ-Nite.



REPUBLIC DAY 2019

The 70th Republic day was celebrated at IIT Patna with vigour and enthusiasm. Flag hoisting by the Director was followed by cultural performances by the students.

Anwasha - The Impeccable Showman's Odyssey

"Think. Dream. Live." The motto for Anwasha truly describes its spirit and the reason for its existence. In 2019, the decennial year of Anwasha was celebrated with overwhelming zest and vigour. The grandest show in the North East of India just got grander with the arrival of thousands of college students visiting the IIT Patna campus from colleges in Bihar and neighbouring states, leading to a footfall of over 15,000 in the span of three days!

The 1st to the 3rd of February were packed with fun events that entertained participants and handsomely rewarded the winners. The first day of the fest kicked off with an inaugural ceremony headed by our beloved Director, Dr. Pushpak Bhattacharyya. This was followed by a mesmerizing performance by renowned artists under the SPICMACAY Programme, who enchanted the audience with their classical tunes and rhythms! A famous stand-up comedian, Mr. Sundeeep Sharma, next took the stage and his hilarity caused the audience to burst into laughter. Finally, the night came to an end with a beat-thumping performance by DJ Carnivore, who got the crowd to jump and dance their hearts out!

Day 2 was marked by games and competitions for the students. There were a multitude of events coming from diverse fields, including gaming, dance, singing, business IQ, creative writing, robot building, and so on. In the evening, the highlight events conducted on the main stage were all about dance, musical performances and the fashion walk. Satanz Tantrum had various bands playing their songs, Heel Turn had dancers showing off their moves on stage to the tunes of popular songs, and Verve, the fashion walk, was the ultimate highlight of the night, where participants from different colleges flaunted their fashion styles and wowed the crowd! Verve was judged by Ms.Christeena Biju, our special guest and Miss India Odisha 2017. We also had a segment performed by RJ Shruti, where she interacted with and entertained the audience!

The final day presented a grand closure to the fest, with tremendous performances from two renowned bands. First, we had After Acoustics, who sent everyone into a trance with their wonderful tunes and melodious voices. We then had Mr. Raghu Dixit and his band, the Raghu Dixit Project, perform live on stage! He played songs that made the audience jump and dance in some instances, and also close their eyes and enjoy the rhythmic tunes while waving their hands in the air

at some times. As a surprise twist, he then called upon the After Acoustics group to perform alongside them on stage! This made the crowd go wild and cheer and scream as loud as they could. The performances ended with a couple of emotional songs.

All in all, Anwasha'19 was the most elegant fest ever in the history of IIT Patna. The Impeccable Showman's Odyssey ended with a promise to return with greater zeal and vigour the next year, and keep increasing the scale of the fest beyond bounds.





SPORTS ACTIVITIES

85 students including 79 boys and 6 girls participated in 53rd Inter IIT Sports Meet-2018 at IIT Guwahati from December 13,2018 to December 21, 2018 in various games and sports -Badminton, Tennis, Table Tennis (Men and Women), Basketball, Volleyball, Football, Cricket and Athletics (Men and Women).

Athletics team

INTER-IIT,

Manogna reaches finals in 800m (Women),
Rohit Kumar reached finals in Long jump (Men),
Rohit Kumar reached semifinals in 400m (Men),
Rahul Meena reached semifinals in 200m (Men),
Koushik reached semifinals in 100m (Men),
Ashish stood 2nd in Heats in 800m (Men).

INFINITO,

Ashish had won Gold Medals in 800m (Men),
1500m (Men),
Rohit had won Gold Medals in 400m (Men), Long
jump (Men), Silver Medal in 100m (Men),
Koushik won Gold medal in 100m (Men) and
Silver Medal in 200m (Men),
Rahul Meena had won silver in 400m, Bronze in
800m,
Akshat had secured silver medal in 800m,
Bhanu had won silver medal in 1500m,
Raj won Bronze medal in Shotput, Bronze in
Discus Throw,
Nikhil won Bronze medal in Javellin Throw

Participated in 6km Marathon on December 1st
in Patna where Ashish secured 5th position and
Bhanu secured 9th Position.



Badminton (Men)

INTER-IIT,

Kanpur (IIT Patna lost)
Gaurav: 18-21, 14-21
Piyush: 16-21, 11-21
Doubles: 9-21, 10-21
Ropar (IIT Patna lost)
Gaurav: 21-14, 18-21, 16-21
Piyush: 21-18, 23-25, 21-10
Doubles: 15-21, 16-21
Tarun: 12-21, 11-21



Badminton (Women)

Participated in Prarambh and secured Runners position.

Basketball (Men)

There were friendly matches played with teams from Ara,
Hazipur and also played Infinito with the teams of NIT
Patna & Ram Balak College
In Inter IIT, 2018- Won against Bhilai, Bhubaneswar,
and played well but lost against IIT Bombay and IIT
Guwahati.

Basketball (Women)

Basketball women team has been formed in this year
(2018) and played in Infinito'18 and secured Runners
position.

Cricket

Friendly matches

1. NIT -1
2. Local clubs - approximately 6
3. Local school loyala - 1
4. Staff - approximately 5
Prarambh - 2 (staff, Loyala)



INTER-IIT,

2 matches lost against (IIT Goa and Bhuvneshwar)

Table Tennis (Men)

Participated in Infinito'18 (Secured Winners position), Prarambh'18, Intra College tournament.

In Inter IIT, 2018 won against IIT Kanpur (3-1), IIT Gandhinagar, and lost against IIT Mandi, IIT Bombay.

Table Tennis (Women)

Played in Inter IIT, 2018 and lost against IIT Guwahati, IIT Hyderabad, and IIT Mandi.

Volleyball (Men)

August: Friendly match played between IIT Patna vs Kanchenpur team (Kanchenpur won)
IIT Patna vs Kanchenpur team (IIT Patna won)

October: IIT Patna vs NIT Patna (IIT Patna won)
Infinito (runner-up IIT Patna)

November: tournament (IIT Patna lost in semi finals)
IIT Patna vs Kanchenpur team (IIT Patna won)
IIT Patna vs Kanchenpur team (IIT Patna won)

December: Prarambh tournament lost both matches in league stage
Inter IIT sports meet 2018: lost 3 matches in league stage with (IIT Gandhinagar, Madras, Kanpur) and won final match with IIT Ropar.

Volleyball (Women)

Played in Infinito'18

Football

INTER IIT,

won against Palakkad and lost against Bhilai & BHU

Pakrida (BIT Sports Fest)

Patna District League

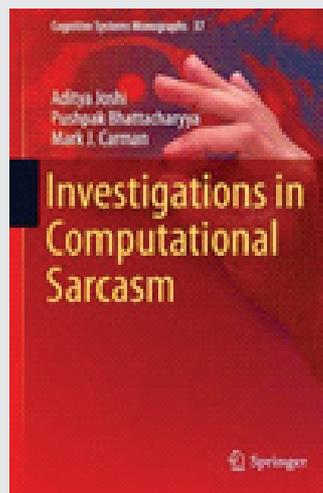
INFINITO

Friendly matches: NIT Patna; Danapur Football Club; BIT Patna (2 matches); Macet

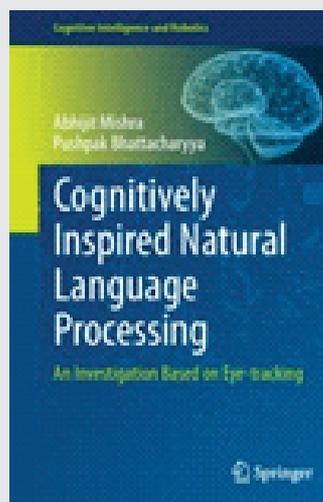


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