



NATIONAL INSTITUTE OF TECHNOLOGY PATNA

PLACEMENT BROCHURE

2020-2021



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DIRECTOR'S DESK



Prof. Pradip Kumar Jain
Director
National Institute Of Technology Patna

It is my pleasure to introduce one of the oldest Technological Institutes of North India National Institute of Technology Patna whose history goes back to 1876 when four Survey schools were established in Dacca, Hoogly, Cuttack and Patna. The schools at Hoogly and Cuttack failed but those at Dacca and Patna continued to prosper. In 1882, a separate altogether, named as Bihar Industrial School, was opened in the premises of the survey school in Patna college campus. In July 1886, these two separate institutions were merged and given the name of Bihar School of Engineering under the leadership of Mr. A Ewbank, the then principal of Patna College. Between 1892 and 1902, a functional building which is at present the main administrative building of NIT Patna, was built. In 1924, the engineering school was upgraded to Bihar College of Engineering under Patna University. In 2004, MHRD, Government of India upgraded Bihar College of Engineering to National Institute of Technology Patna and in 2007 it came under the act 'NIT Act 2007' and declared Institute of National Importance. At present NIT Patna is offering undergraduate programs (B. Tech & B. Arch) and Post graduate program (M. Tech & MRUP) along with PhD Programs. Total number of students are nearly 3000. The institute has state-of-art laboratories, in each department.

This great institute has produced a large number of alumni who served the nation with distinction like Mr. M. B. Verma, former Program Director of Prestigious LCA Project of DRDO, Dr. Ratan K. Sinha, Chairman Atomic Energy Commission of India, Mr. C. Prasad, Ex. D G CPWD to name a few. The Institute has a very active linkage with industry from its inception. Different PSUs are awarding scholarships to our students. The institute has established a Center of Excellence in Computer Engineering in collaboration with Hewlett Packard. All our passed out graduates are serving the Indian Industry and PSUs with distinction. I appreciate the efforts of our vibrant Training and Placement Cell who are in constant touch with industries for the training and placement of our students. I am sure our recruiters find our students very competent and they will be visiting us regularly. We look forward towards enduring and fruitful relationships with our esteemed recruiters. I wish Training & Placement Cell all the success.



LETTER FROM THE T&P CELL



**Dr. Samrat Mukherjee
Professor-In-Charge
T&P Cell**

The National Institute of Technology Patna, the eighteenth of the thirty member NIT fraternity started functioning in 2004. In this short span of time, NIT Patna has established itself as a premier technological institute in India. NIT Patna has an impeccable campus placement record. Our students have secured challenging and highly paid positions in top ranking companies / organizations in India and abroad. Their abilities are well recognized as per the excellent reports from the esteemed recruiters .

The Institute has a very active linkage with industry from its inception. Different PSUs are also awarding scholarships to our students. NIT Patna has been achieving & setting benchmarks not only for its excellent academic and extracurricular activities but also for its research, consultancy and developmental activities . We're happy that NIT Patna ranked 5 (five) among NITs & ranked 37 (thirty seven) among all Engineering Institutes in India by Times Engineering Survey (Source: <http://www.times-engineering-survey.com>). Recently, NIT Patna ranked 92 as per National Institute Ranking Framework (NIRF) among Top Engineering Colleges in India (June, 2020).

NIT Patna has a full-fledged Training & Placement Cell with all modern facilities to conduct the campus placement activities. Our campus placement activities for the session 2020- 2021 will begin from the first week of August, 2020 and the process will continue till May 2021. Since our students are in great demand, we will appreciate it if you would consider contacting us at an early date. We look forward to hearing from you soon.





ABOUT NIT PATNA

National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of H.R.D. Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28. 01. 2004. NIT Patna marked its humble beginning in 1886 with the establishment of leaders survey training school which was subsequently promoted to Bihar College of Engineering Patna in 1924.

This made this institute the 6th Oldest Engineering Institute of India. The Institute has also been declared as a Centre of Excellence for imparting high level education, training, research and development in science, engineering and humanities. It is bestowing high quality education & values at UG (B.Tech), PG (M.Tech) & Ph .D programmes through its experienced faculty well versed in their respective field of engineering and technology with well equipped laboratories. National Institute of Technology, Patna aims at setting out very high education standards and holds a long record of academic excellence. The pedagogical aspects have been formulated to suit not only the needs of the contemporary industrial requirements but also to develop human potential to its fullest extent in a range of professions. Extra curricular activities are planned through games and sports, cultural programmes and NSS activities. The Cultural activities organised provide an absolute platform to know about the culture of various states and regions of the country and opportunity for national integration.



COURSES OFFERED



UNDER GRADUATE

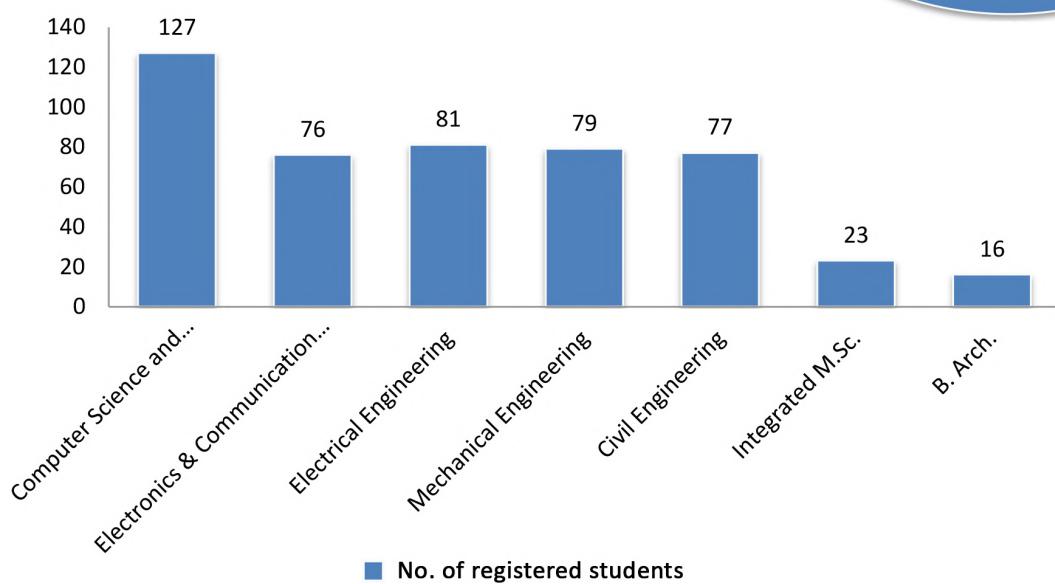
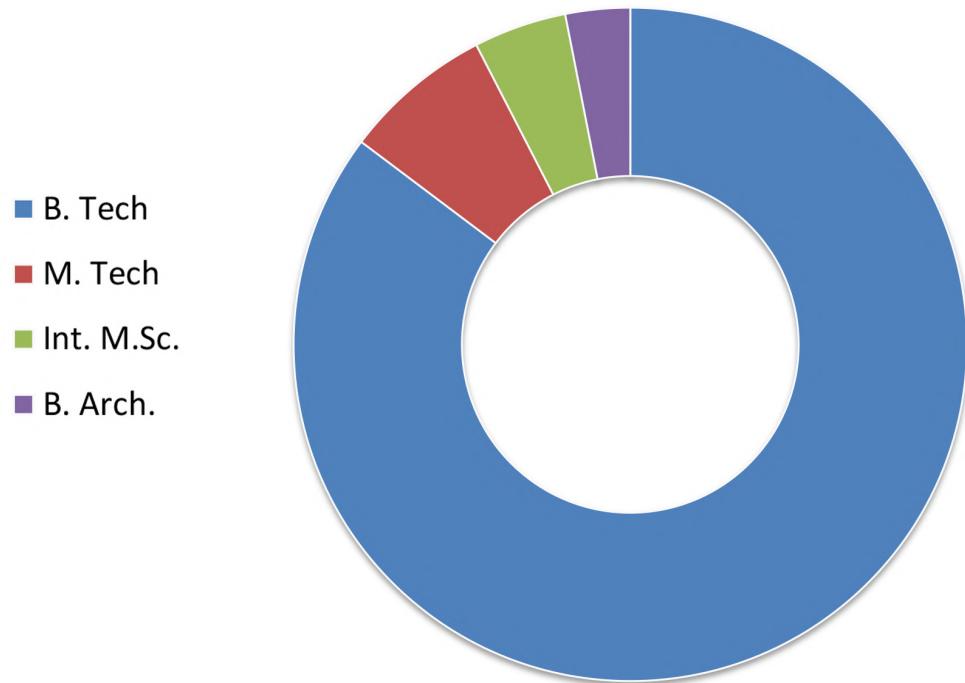
- B.Tech (Computer Science & Engineering)
- B.Tech (Civil Engineering)
- B.Tech (Electrical Engineering)
- B.Tech (Electronics & Communication Engineering)
- B.Tech (Mechanical Engineering)
- Integrated M. Sc. in Chemistry
- Integrated M. Sc. in Physics
- Integrated M. Sc. in Mathematics
- B. Arch



POST GRADUATE

- M.Tech (Computer Science & Engineering) - with specialization in Information Security and Computer Networks.
- M.Tech (Civil Engineering)- with specializations in Water Resources Engineering, Transportation Engineering, Structural Engineering, Environmental Engineering
- M.Tech (Electrical Engineering)- with specializations in Control System Engineering, Power System Engineering
- M.Tech (Mechanical Engineering)- with specializations in Thermal Engineering, Production Engineering, Design Engineering, Automobile Engineering, Renewable Energy Technology
- M.Tech (Electronics & Communication Engineering)- with specializations in Communication Systems, VLSI System Design and Microelectronics
- Master in Urban & Regional Planning (MURP)
- Master of Architecture (M. Arch.)

DEMOGRAPHICS



COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering is maintaining its legacy of excellence in every dimension. We also introduce cutting edge technologies like Machine Learning, Deep Learning and Artificial Intelligence etc. at an early stage. There are numerous activities and initiatives that help in nourishing the technology stack of students. This is done to enhance the productivity of the students and make them highly employable. Our students have strong Computer Science fundamentals and skills ready to face any kind of challenges in any competitive environment with their technical aptitude and exceptional skills.

Major Courses:

- Introduction to C
- Object Oriented Methodology
- Data structures and Algorithms
- Design and Analysis of Algorithms
- Database Management Systems
- Operating system
- Computer Networks
- Software Engineering
- Computer Organization and Architecture
- Formal Languages and Automata Theory
- Compiler Design
- Graph Theory and Combinatorics
- UNIX Admin and Shell Programming Lab

ELECTRONICS AND COMMUNICATION ENGG.

The Department of Electronics and Communication Engineering is one of the established and largest department in the institute. It was established in the year 1978 with vision to become a centre of excellence to impart up-to-date technical education, which will let our students to attain their maximum technical potential, managerial capability, be competitive in the job market and to emerge as a leading research hub.

Major Courses:

- Electronic Devices and Circuits
- Digital Electronics
- Semiconductor Device
- Communication Engineering
- VLSI
- Digital Signal Processing
- Microwave Engineering
- Electromagnetic Computation and Simulation
- Signal Processing Research
- Wireless Propagation
- Optical Fiber Communication & Photonics Research
- Microprocessor & Microcontroller
- VLSI Fabrication
- Wireless sensor Network
- Image Processing

The Electrical Engineering Department with highly qualified faculties and bright students is continuing to be a part of NITP since 1945 when the department was first established. The department has 10 well equipped laboratories namely Basic Electrical Lab, Electrical Machinery Lab, Power System Protection Lab, Microprocessor and Microcontroller Lab, Power Electronics Lab, Network Theory Lab, Control System Lab, Measurement Lab, High-Voltage Lab and SCADA Lab. All these labs have helped our students work closely and practically with various industry ranging from Heavy machinery to Small electronic devices. Students also have strong coding fundamentals and are always open to learn new things of different engineering domains.

Major Courses:

- Power Electronics
- Electrical Machines
- Power System
- Microprocessor and Microcontroller
- Digital Electronics
- Analog Electronics
- Control System
- Network Theory
- Measurements and Instruments
- Communication System
- Signals and Systems
- Programming in C
- Utilisation Traction
- Industrial Drives

ELECTRICAL ENGINEERING

MECHANICAL ENGINEERING

In all its glory, the department has 22 labs covering all needs for a mechanical engineer. It is also the only branch with three technical clubs backed by huge industrial communities- American Society of Mechanical Engineers(ASME) , Society of Automotive Engineers(SAE) and Imperial Society of Innovative Engineers (ISIE). They together ensure that the students are employable by bridging the gap between industry and academia.



Major Courses:

- Computer-aided design
- Computer-aided engineering
- Latest manufacturing technologies
- FEA and simulation
- Automobile engineering
- Computational Fluid Dynamics (CFD)
- Experimental Aerodynamics
- Development of composites
- Flexible Manufacturing
- Six Sigma
- Quality and Maintenance
- HVAC

The Civil Engineering branch is the oldest and vibrant department of the institute, which was established in 1924 along with the inception of the institute. The Department offers undergraduate, postgraduate and Ph.D. courses. The department has an adequate number of well-equipped labs and conducts workshops very often to impart students an idea of practicality so that they can apply their academic knowledge in real world.

Major Courses:

- Mechanics of Solids
- Structural Analysis
- Reinforced Concrete Structure
- Building Materials
- Design of Steel Structure
- Soil Mechanics
- Geotechnical Engineering
- Transportation Engineering
- Environmental Engineering
- Wastewater Treatment
- Prestressed Concrete Structure
- Fluid Mechanics and Hydraulics
- Hydrology
- Open Channel Flow
- Surveying

CIVIL ENGINEERING

ARCHITECTURE

Established in 1979, The Department of Architecture has been producing skilled and knowledgeable Architects every year with the students updated up to new methods and innovations in the construction and Architecture whether it be new software, materials or design. The department has well equipped labs including Construction, Material, Climatology, Computer, Landscape, model making etc. and well-furnished studios for throughout development of knowledge and skills. The department has a student body functioning for several activities like publishing magazines, conducting events, talks and workshops, carrying out software sessions by professionals and students themselves for skill development and bridging the gap between professionals and Undergraduates.

Major Courses:

- Architectural Design and Analysis.
- Sustainable and Universal Design.
- Manual Hand Drafting.
- Architectural Journalism.
- Landscape Design.
- Architectural Detailing.

Software like AutoCAD, Sketchup, Rhinoceros, 3DS Max, Lumion, Twinmotion, Vray.

Building Information Modelling using Autodesk Revit.

Parametric Design using Dynamo Studio and Grasshopper.

Building Simulations on various digital platforms.

Renders and representations using Adobe Photoshop, Illustrator, InDesign.

INTEGRATED M.SC.

Our highly-motivated physics students learn from scientists (from BARC and etc) and top physicists through carefully-designed and run courses. Our students develop a wide range of skills by putting their physics knowledge into practice in research labs, and undertaking advanced real world problem-solving challenge

Major Courses:

- Quantum Computing
- Computational Physics
- Material Science and Technology
- Econophysics
- Nanotechnology

PHYSICS

CHEMISTRY

In all its glory, the department has 22 labs covering all needs for a mechanical engineer. It is aOur chemistry students develop a range of practical and theoretical skills (with a particular emphasis on laboratory skills) that prepare them for both chemical and non-chemical careers. We nurture our students' abilities to analyse, integrate, critically evaluate and apply new information and techniques.

Major Courses:

- Physical chemistry I : physical properties
- Molecular spectroscopy
- Organic chemistry: pericyclic and photochemistry
- Polymer chemistry
- Heterocyclic chemistry

Our Mathematics courses help students to develop a broad foundation of knowledge, theoretical understanding and practical skills in mathematics, statistics and computing, also it reflects a systems view of computer science that will enable students to adapt in the face of changing technology. Our courses are highly flexible; students can choose to pursue the mathematical fields most suited to their interests as well as modules from other disciplines such as finance and management.

Major Courses:

- Introduction to Computing
- Data Structures and Algorithms
- Linear and Abstract Algebra
- Probability and Statistics
- Statistical Inference 1
- Data Simulation and Analysis
- Advance Numerical Analysis
- Theory of Computation
- Industrial Economics and Rural Management

MATHEMATICS



THE PURSUIT OF EXCELLENCE



The institute has an NIRF rank of 92 among all engineering institutions across the country in 2020.



Team TRAPS, Winners of Tata Crucible Hackathon East Zone 2020.



Our students hav secured 1st rank in robotics competition (Khanan) of IIT Dhanbad and 2nd rank in robowar of IIT Patna.



Team Rolling Thunders of our college cleared the technical inspection as well as secured 2nd place in the weight category- in their maiden entry at Electric Solar Vehicle Challenge 2019 by ISIE.



One of our students secured AIR-1 in GATE 2020 EE and many others have been ranked under 50 in the past 2 years.

Two students are selected for Google Summer of Code program,2020.



Google Summer of Code



Two teams qualified for International Collegiate Programming Contest Regionals 2019.

Three teams composed of 6 students each won the Winner title of Software Edition of Smart India Hackathon 2019 in their respective Problem Statements.

Our students secured an overall rank of 7 in 2019 and 10 in 2020 among all colleges of Asia-Pacific zone in ASME Human Powered Vehicle Challenge.

Two teams from our college are finalists for the Software Edition of Smart India Hackathon 2020.



One of our students' Research Paper was accept- ed at ICICC'19, Ostrava, Czech Re- public.

THE PURSUIT OF EXCELLENCE



**PRINCETON
UNIVERSITY**

One of our students got selected into Princeton University with a huge chunk of scholarship, for its post graduation programme.



A team won at the UN Parliamentary Debate organized by IIT Patna in their annual fest.



Team NITP Motorsports secured an overall rank of 53 in 2018 and 75 in 2019 at SAE SUPRA- student formula racing competition at Noida.



Team Invictus secured a rank of 36 among 76 teams in Aero Design Challenge 2020 by SAE for their Unmanned Aerial Vehicle.



Three teams from the dept. Architecture won Transparency 13.0 and 14.0 with one Regional Champion and two Regional runner ups respectively.

Teams won the Destech Challenge 2019 with special mention, HUDCO Trophy 2020 with jurors' choice title, Parikalpana Architectural Competition 2019 and 2020.

A team won the 120 hours design competition 2020 and one of our students won the IISER Bhopal Landscape Design Competition 2020.



Two students got selected for IUAC (Inter University Accelerator Centre).



5 Students got selected for the prestigious Indian Academy of Sciences summer research.



Two teams from the college have been ranked 1st and 4th at the end of the Image encryption FDP project under Prof. S.K. Saha of IIT Delhi.



One of our students got selected as an IGBC accredited professional.



Our students secured 3rd place in Old guard, 4th place in IAM3D and 4th place in Student Design Competition (SDC) in ASME E-Fest 2020.



3 INSPIRE(SHE) scholars are receiving scholarships from the Department of Science and Technology, Government of India, and all of them are further eligible for the prestigious Inspire fellowship for their doctorate degree.

TECHNICAL CLUBS

DEVELOPER STUDENTS CLUB



Developer Student Clubs
National Institute of Technology Patna

Developer Student Clubs (DSC) is a Google Developers program that intends to bring together young enthusiasts who want to acquire development skills. It's a matter of grandeur and pride that, in 2020 NIT Patna has its First Developer Student Club with a core team of 20 members. It is a community where students collaborate with each other to learn and work together using several Google developer resources. The DSC organizes numerous events ranging from small meetups for working on projects to large-scale hackathons. The club is open to anyone in the university who wants to work and learn together, be it a fresher or a senior who wants to brush up his/her developing abilities.

HACKSLASH CLUB



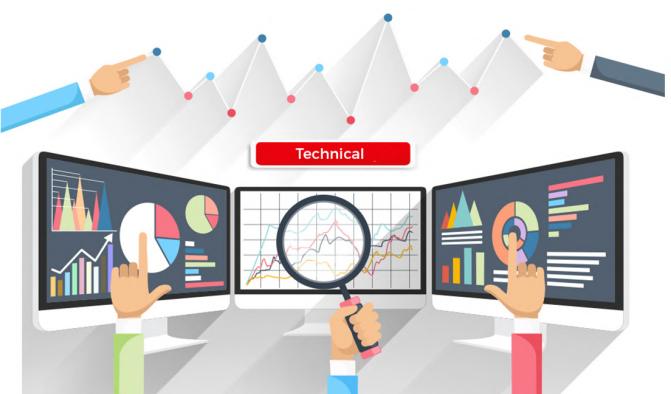
Hackslash Club is a Student Developer's community-powered by Mozilla Campus Clubs Network in the National Institute of Technology, Patna. It was established in 2018, with a passionate mind of only 10 students and a belief that everyone can create and innovate. The club aims to build and improve the open-sourcing environment and the coding culture of the whole city of Patna and ultimately the whole state of Bihar. Apart from these, the strong will power and determination of each developer, competitive coders, Designers, and Innovative thinkers is what governs our great community. Currently, the Hackslash club is a strong community of 40 core members and about more than 500 interested members all over the world.



ASME



ASME NIT Patna is the American Society of Mechanical Engineering Student Section of NIT Patna. Established in 2012, ASME NIT Patna is the oldest and the most active student section of NIT Patna, whose student members have participated continuously in international events in the ASME E-Fests Asia Pacific since 2014. In ASME E-Fests, students from ASME NIT Patna have been representing NIT Patna in events like Human Powered Vehicle Challenge (HPVC), Student Design Competition (SDC), Interactive Additive Manufacturing 3D Competition (IAM3D), and Old Guard Oral Competition. The Student Section has actively organized learning workshops (AUTOCAD, CATIA) and training visits to industries (Sudha Dairy, Railway Repair facilities, CIPET) to provide the students with a better understanding of the machines and processes used in various industries. Apart from training and workshops, ASME NITP also conducts various events for college students like SPAZIO (an interactive space quiz), Contraption, TREZERO (Treasure hunt, and quiz round). In August 2019, ASME India, for the first time, visited Bihar and chose NIT Patna for organizing ASME EFx-19 Patna for numerous students participating from colleges in Bihar and other states, and it was a massive success.



SAE INDIA



SAE INDIA NITP collegiate club was established in 2014 by the students of Mechanical Engineering Department. We participate in events held by the Society of Automotive Engineers, like the very prestigious SUPRA, wherein our team NITP MOTORSPOORTS designs and manufactures our very own student formula car from scratch every year and presents it at the Buddha International Circuit, Noida. Last year for the first time we participated in Aero Design Challenge, and our teams VYOM (Micro Category) and Invictus (Regular Category) performed exceptionally well.

Events like Verbo Ludos, Round the Wheels and workshops on CAD and Stimulation softwares, such as CATIA, ANSYS, etc. are conducted around the year to nurture and provide a platform for the bright minds of our college.

At the end of the day, our aim remains to get better with each passing day and learn to make our models more sustainable and indigenous.



ISIE INDIA



ISIE India NITP SRA is an affiliate of the Imperial Society Of Innovative Engineers, established in 2017 by the students of NIT Patna being the only club of the college working on Renewable Sources of Energy. Their events like Call it Green, Insignia, and Sam-O-Tech provoke the technical thought processes of students and spread awareness on the need for renewable energy. The club also conducted a skill development program on vehicle design and development.

A team of 32 students from the background of mechanical, electrical, and electronics engineering under the team name 'Rolling Thunders' have successfully fabricated the first Electric Solar Vehicle of Bihar and competed with dozens of other aspiring teams in the Electric Solar Vehicle Championship(ESVC) 2019 and secured 2nd position in the weight category.

They are also a big part of ESVC 2020 under the team name 'Sedulo'. In the upcoming years, the club is also gearing up for other exciting and inspiring events of ISIE, like IKR, HVC, and COC.



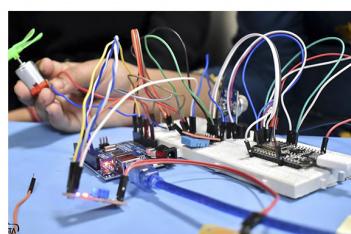
IEEE



Sticking to Innovation and Exploration, the IEEE student branch has been doing great by hosting Distinguished Lectures, Hardware Hackathons, Coding and Debugging contests, Student Projects, Technical Classes including Problem Solving, R&D, IoT, and other latest technologies.

Marking its Seven years of existence, it launched the First Edition of its magazine "Plugged - Connecting Tech", which received global appreciations and organized "WebVyom", its annual fest by taking it completely virtual amidst the lockdown. IEEE has also been blogging under the tag, "Tech Thursday's" covering insights into the latest technologies, researches, and development, crossing over 10k viewers for the technical Thursdays as well as special Fact Friday and Sci-Fi Sunday series.

Apart from all this, the organization worked on hardware projects like "Smart Surveillance System for Border Areas", "Relief Drone for Flood-Hit Areas"... and software projects like "Mental Disorder Screening Algorithms", "Virtual based Fest System" and a lot more.



CESC



A sui generis club which was founded in 2015 by the Students of NIT Patna under the guidance of Dr. Nityanand Singh Maurya. CESC is dedicated to providing a competitive environment to Civil Engineering students of NIT-Patna which can help them in nourishing their skills. With the continuous efforts of the members over the past few years this club is soon going to become ASCE. CESC platform not only provides tons of opportunities for students but it also upskills the members' management skill and makes them a team player and let them present their innovative ideas regarding the conduction methodologies of any event. The club organizes CIVIQ competition which includes multiple events such as GD to impart insights of a real discussion and let all grow together, Quiz competition containing all sorts of rounds containing questions from different fields for the overall development of the students. AutocAD workshop is also conducted every year to make students aware of modern design and drafting techniques.



SAEIC (NAVYAKALAM)



Navyakalam was formed with a motive to develop student's interest in the field of basic sciences, to engage their curiosity and create an atmosphere comfortable enough for innovation. As a club we encourage students to come forth with new ideas to tackle few of the innumerable hurdles humanity today faces. From guiding them during the process of a blueprint's development to the making of a prototype, a fellow member receives help in any form they need. It aims to get an innovator's imagination and skills to light thereby inspiring them to achieve what they have just yet speculated.



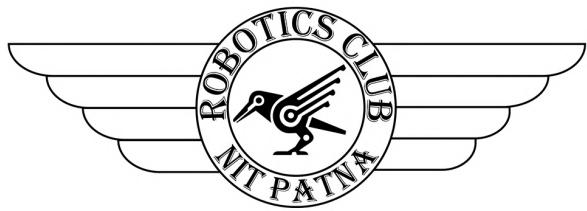
THE PUBLICATION CELL



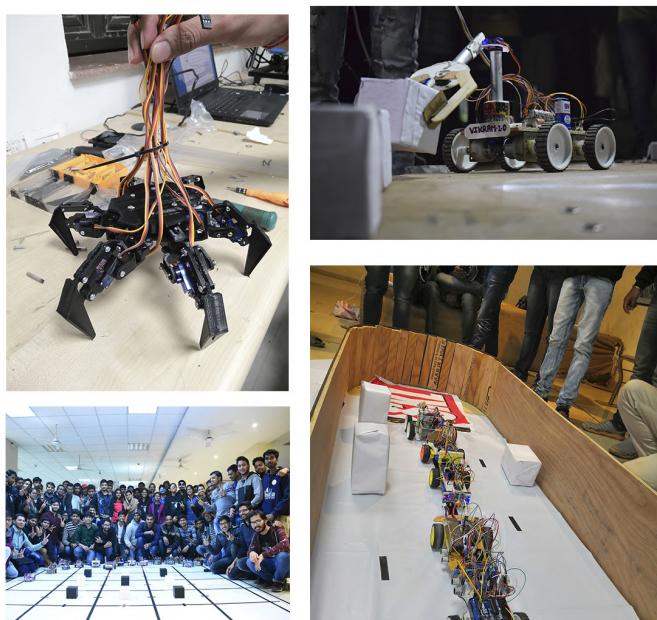
The Architecture Department has a Publication Cell solely managed by Undergraduate Students. The Cell publishes a half-yearly architectural magazine named "Stanchion", An annual Photobook and other department and architecture related publications. The main idea and philosophy of this club is to introduce the students to various events, innovations, and current issues that are taking place in the field of architecture. The Publication Cell has so far published 3 issues of 'Stanchion' and an issue of the Photobook on several digital platforms. The Cell also functions in reaching out to professionals and alumni for getting some of the contents for its publications thus bridging the gap between students and professionals.



ROBOTICS



Robotics Club was established very recently in 2015 but now operates at pan Bihar level. We at the Robotics Club continuously engage ourselves in doing projects of day to day utility. We organize workshops in our college and a few other schools and colleges as well. Our Robotics Competition draws participants all through NIT Silchar, regional engineering colleges of UP and Bihar. Our few top ongoing projects include an AI-based attendance system, Restro Bot, Doc bot, etc. We are working consistently with aim of breeding a technical mindset in students and provide our club pan India identity. Presently, we have 80+ members actively working on a range of projects including domains of AI, 3D printing, IoT, Core Robotics, etc.



NON-TECHNICAL CLUBS

DANCE CLUB



"Dancing is a perpendicular expression of a horizontal desire."

— George Bernard Shaw

TOTAL CHAOS (dance club) is to support up the confidence of students and a platform where students can show their creativity and talent. This helps to develop co-ordination, technique and aesthetic skills. Different entertaining events are organised under TOTAL CHAOS, which enrich our knowledge of various cultures of different parts of the world. The audience support is most overwhelming, and the Duo Dance and the Group Dance events are most anxiously anticipated occasions of the year.



LITERARY AND ARTS CLUB



From hosting Expresso Matinees to collaborating with Hazelnuts, Macchiato and Cappuccino, the club has been striving hard to drive the creative youth towards Literature and Arts through its events and workshops. The club has been focussing on the importance of Communication, Building Presentations, and involvement in Creative Vision by various Literary Events including Debates, MUNs, Ice Breaking Sessions, and providing a platform for all the artistic hands to spread colours all around. The club members have marked their presence in many contests and brought laurels to the unit and the college as: A team won at the UN Parliamentary Debate organized by IIT Patna in their annual fest. A member won the award for making the Most Beautiful Painting in the Young Artist Summit. Apart from all of this, the club has been equally contributing in developing a good culture among students and making meaningful murals in and around the campus.



MUSIC CLUB



The Music Club NIT Patna is a society of music enthusiasts living and experimenting through various forms of music. Since its inception, the club has been responsible for organizing various events throughout the year which does not only provide a pastime for the students going through the hectic academic rigour but also helps in improving students' organizational abilities. Further by providing students with a stage to perform it also helps students in getting over their stage fright and hone their necessary stage presentation skills.

The club has also got several accolades to boast of, like several club members winning competitions at various institutes, a native band The Ensemble doing gigs across the state, to the club members enthralled crowd at our institute throughout the year.



DRAMA & FILM CLUB



DRAMA & FILM CLUB | NIT PATNA

NATVANSH, the drama and film club is the flag bearer of the rich culture of drama and street play at NIT Patna. It is not just a club but a family with theatre-lovers and acting enthusiasts. It is a place where we enjoy our passion for acting and improve our skills. The club always efforts to be the real mirror of society. We convey social messages of love and harmony and also pay respect to different regional cultures and languages of India through its drama, street plays, short films, etc. The club has a remarkable presence on online platforms too. We organize and also participate in different events to groom the skills of acting, script-writing, cinematography and direction.

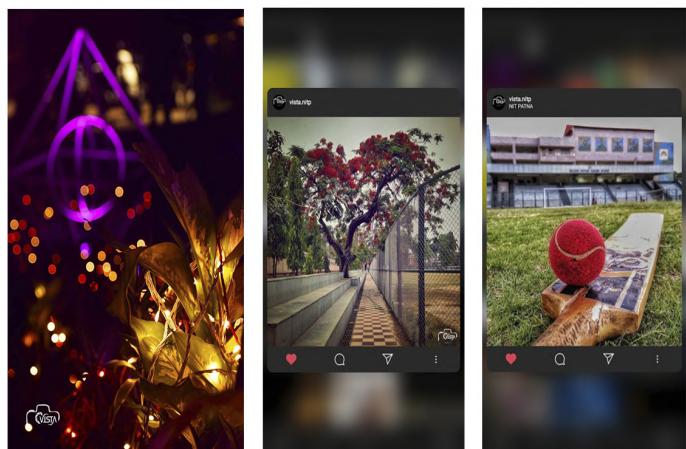


PHOTOGRAPHY CLUB



"Photography can only represent the present. Once photographed, the subject becomes part of the past."

The main objective of the club is to bring together all photography enthusiasts of the institute and lead them towards collective learning through workshops, photo walks, and other activities. The club also functions as a media house inside the institute as it covers all sorts of events going on in the institute. The club is also responsible for publishing multiple videos capturing our Institute. The official Aftermovies of The Techno-Cultural Fest, The Freshers welcome, etc are made and published by us.



SOCIAL CLUBS

E-CELL



Entrepreneurship cell, NIT Patna aims to foster entrepreneurial spirit among students of the institute. We cater to all strata of the NITP Community by means of our speaker sessions, hands-on workshops, case studies, visits to startups. We strive to reach out to the 'junta' and convey, that the idea of entrepreneurship applies as much in politics, religion, society and the arts, as it does in business.

While 'Entrepreneurship' is growing to be one of the business world's biggest buzz words, the E- Cell at NIT Patna envisions a time, when youth will look up to the new generation of CEO's and entrepreneurs as their modern day rock stars. Motivated by this vision, an enthusiastic bunch of people at E-Cell, are working to induce an entrepreneurial mindset into the students and to air an innovative streak in them.



INCUBATION CENTER



INCUBATION CENTRE

Incubation centre is a Not for Profit Centre at National Institute of Technology Patna, dedicated to promote innovation and Entrepreneurship. It is a pedestal to help knowledge driven enterprises to establish and prosper under organized scientific guidance. Its mission is to motivate, build and promote out of box thinking, development of innovative ideas, to build an environment that will facilitate the creation of social enterprise knowledge through research and empower students to apply their entrepreneurship abilities to develop solutions for greater social impact through academia. Physical infrastructure like office, workshop space on an affordable basis is made available to the entrepreneurs.



NCC



The National Cadet Corps is the youth wing of the Armed Forces. The institute houses the No.1 Air NCC unit of Bihar as well as a Naval unit. Volunteer students are subjected to a three year programme and are trained for 0.22 Rifle firing, Double barrel skeet shooting, etc. They also undergo training to fly the Microlight Virus in the Air Force Station, Bihta. They are sent to various prestigious national camps like All India Vayu Sainik Camp and Republic Day Camp (New Delhi) as well as international camps like Youth Exchange Programme (YEP). At the completion of the programme, students are eligible for direct entry unto the flying branch in Indian Air Force (IAF).





The National Service Scheme at NIT Patna has about 400 volunteers constituted by 1st to 4th year college students of NITP. These volunteers have organised various events for social upliftment like blood donation programs helping patients in hospitals, plantation drives, setting up of medical centre's, programs of mass immunization, sanitation drives, adult education programs, helping inmates of orphanages, volunteering during natural calamities like floods and famine, campaigns for eradication of social evils like dowry and child marriage. Apart from these, NSS NITP has set up a unit called "Sankalp - Ghar Ghar Shiksha Ka". Sankalp is a step towards educating the deprived children free of cost within the institute premises. Children from nearby slums, those who belong to poor families are educated by our students from Monday to Saturday along with some classroom games at the end of classes.



The Students' Alumni Cell, NIT Patna is a voluntary student body working under the tutelage of the Dean of Alumni Affairs Office NIT Patna. This association endeavors to strengthen the relations of the alumni of this institute and their Alma mater through a variety of benefits and services that help alumni maintain connections with their educational institution and fellow graduates. We aim to bring talented alumni together to share a wealth of experience and skills with current students via talks and posts on social media. We work along our institute to bridge the gap between NIT Patna and its esteemed alumni community creating a good alumni base and strong network. Currently spreading its wings through events and social media, Alumni Cell is thriving, with increasing interest and participation.





Corona & Melange is the annual Techno-Cultural fest of NIT PATNA held in the month of January every year. From building prototypes to checking quizzes, exhilarating treasure hunts to a rocking band night, the event is extravagant.

CORONA

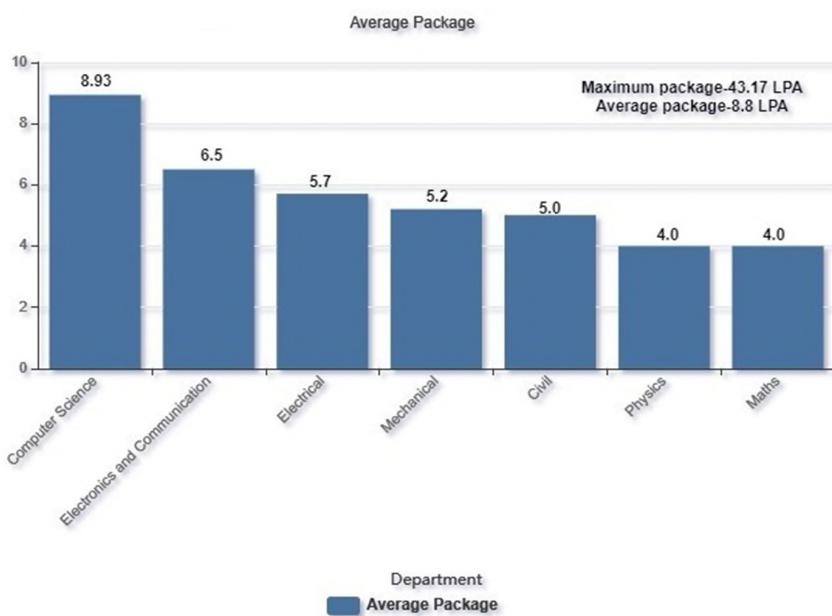
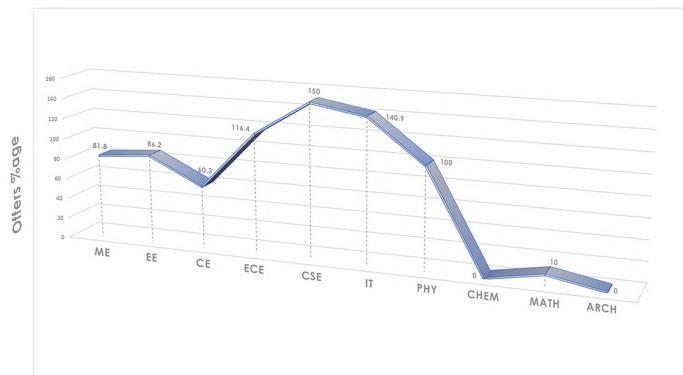
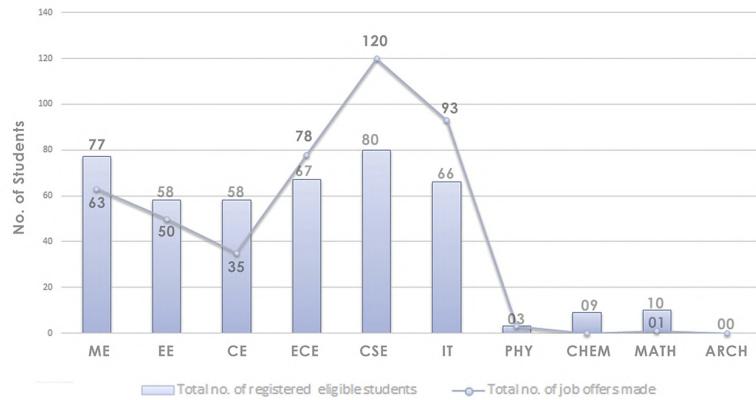
Corona is the technical fest of NIT PATNA. It attracts participants from almost all colleges of Bihar and other NITs and IITs. Aimed at providing a platform for showcasing the best and the latest innovations in the world of technology, it hosts a plethora of events such as Robowars, Circuit designing, Hackathons, Programming quizzes, Bridge designing and Model Making. which helps the students to showcase their talent and their engineering skills to use. Entirely managed by students, Corona provides opportunity for aspiring scientists and managers alike.

MELANGE

Melange is the cultural fest of NIT Patna. It is a platform for all forms of art and culture. It includes dance, singing, arts, film making and many more events. From Wall painting to making origami, this cultural fiesta is full of other surprises. It also hosts the biggest pageant night of the fest in which students from different colleges fight for the Pratibimb Title. The eye-catcher of the fest is the Star Night followed by Band Night.



PLACEMENT STATS



OUR PAST RECRUITERS



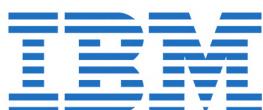
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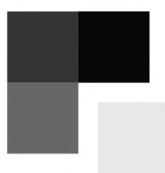
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Virtusa

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Pinnacle Infotech
Polaris
PRADAN
Prism Johnson Limited
PSU

Z

Zensar
ZS Associates

PLACEMENT PROCEDURE

- i. The TPC sends invitations to the companies.
- ii. The company fills up Job Announcement Forms (JAF).
- iii. The date for pre-placement talks is finalized by the TPC after consultation with the companies.
- iv. Students register for various companies.
- v. Companies' officials conduct pre-placement talks.
- vi. A placement schedule is finalized by the TPC in consultation with the companies.
- vii. Placement session begins and companies evaluate the students.
- viii. List of selected candidates along with the offer letter is sent to the TPC. Placement session ends.



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