



राष्ट्रीय प्रौद्योगिकी संस्थान पटना National Institute of Technology Patna



PLACEMENT BROCHURE

2015-2016

Training and Placement Cell, National Institute of Technology Patna, Ashok Rajpath, Patna – 800005, India
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Introduction

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 (BCE) Patna on 28. 01. 2004. BCE Patna presently NIT Patna marked its humble beginning in 1886 with the establishment of pleaders survey school and degree courses in Engineering from 1924. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat, one of the most important and reverential places of Patna. The Gandhi Ghat is associated with the immersion of ashes of father of the Nation Mahatma Gandhi in the river Ganges. The campus has a picturesque river view with historic building presenting a spectacle of architectural delight and natural beauty.

Vision

To contribute India and the World through excellence in scientific and technical education and research. To serve as valuable resource for industry and society and to remain a source of pride for all Indians.

Mission

- To generate new knowledge by engaging in cutting edge research and promote academic growth by offering state of art undergraduate, postgraduate and doctoral programs.
- To identify, based on an informed perception of India, regional and global needs, areas of specialization upon which the Institute can concentrate.
- To undertake collaborative projects which offer opportunities for long term interaction with academia and Industry



Director's Message



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 with Rs. 100,000/- donation from Nawab Lulf Ali Khan of Patna City. The balance amount of Rs. 38,000/- came from the Prince of Wales reception fund.

Prof. C. R. Walford was the Principal of this college from 1900 to 1926. In 1924, the engineering school 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 Ph. D Programs. Total number of students are nearly 3000. The institute has state-of-art laboratories, in each department. This great institute has produced 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 industry from its inception. Different PSUs are awarding scholarships to our students. The institute has established Center of Excellence in Computer Engineering in collaboration with Hewlet 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 relationship with our esteemed recruiters.

I wish Training & Placement Cell all the success.

Prof. (Dr.) Asok De
Director, NIT Patna

Message from 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 inherits the historical glory of Bihar College of Engineering, Patna. NIT Patna has an impeccable campus placement records. 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 excellent reports from the esteemed recruiters.

NIT Patna offers courses in Bachelor's, Master's & Doctoral levels. We have B. Tech in Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Information Technology and B.Arch in Architecture. NIT Patna has Master Courses

in all Engineering & Architecture Departments.. The Institute has a very active linkage industry from its inception. Different PSUs are awarding scholarships to our students. The institute is going to sign MOU with FICCI and CII for collaboration soon.

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>). NIT Patna has been recognised as "Outstanding Engineering Institute (North)" by the ABP NEWS National Awards, 2014. Digital Learning Magazine placed NIT Patna in 40th position among Govt. Engineering Institutions in June, 2014. In 2013, Dainik Bhaskar has also recognised NIT Patna "Outstanding Engineering Institute (North)" under its National Education Leadership Awards. Recently, NIT Patna ranked 16 as per DATAQUEST India among Top Government T-school in India (May, 2015).

Training & Placement Cell, NIT Patna has partnered with BRITISH COUNCIL for Professional Development Course for all students.

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 2015- 2016 will begin from the fourth week of August, 2014 and the process will continue till May 2016. Since our students are on great demand, we will appreciate if you would consider visiting our campus at an early date.

We look forward to hear from you soon.

Dr. Asim Gopal Barman
Professor – In charge, Training & Placement Cell
National Institute of Technology Patna
email: asim@nitp.ac.in

Achievements

- NIT Patna Ranked 5 among all NITs and ranked 37 among all Engineering Institutes in India in Times Survey [Source: The Times of India dated June 26, 2014. [<http://www.times-engineering-survey.com>]]
- National Institute of Technology Patna has received the prestigious award of “**Outstanding Engineering Institute (NORTH)**” by the **ABP NEWS National Awards** in 2014.
- NIT Patna has been awarded “**Outstanding Engineering Institute (North) 2013**” under National Education Leadership Awards by **Dainik Bhaskar**.
- NIT Patna ranked 40 as per Digital Learning Magazine- June 2014.
- NIT Patna ranked 16 as per DATAQUEST India among Top Government T-school in India (May, 2015).

International and National Collaborations and Activities

- NIT Patna has signed MOU with Handong Global University, South Korea for student exchange program.
- The institute has established Center of Excellence in Computer Engineering in collaboration with Hewlet Packard.
- NIT Patna is the organising Institute for Central Seat Allocation Board (CSAB 2015) through JEE (Main) – 2015.

Academic Programmes

Undergraduate courses (B. Tech & B.Arch)

- The admission to various undergraduate courses are held through Jee (main) conducted by CBSE at country level. A few admission are offered for foreign national students through DASA.
 - Mechanical Engineering
 - Electrical Engineering
 - Civil Engineering
 - Electronics & Communication Engineering
 - Computer Science and Engineering
 - Information Technology
 - Architecture

Postgraduate Courses (M. Tech / MURP)

The M.Tech programme is offered by all departments. The admission is on the basis of GATE score for the following courses:

- Urban & Regional Planning (Arch.)
- Environmental Engineering (Civil)
- Geotechnical Engineering (Civil)
- Structural Engineering (Civil)
- Transportation Engineering (Civil)
- Water Resources Engineering (Civil)
- Computer Science & Engineering (CSE)
- Information Technology
- Control System Engineering (Electrical)
- Power System Engineering (Electrical)
- Communication Systems (ECE)
- Information Technology (CSE)
- Refrigeration Air Conditioning & Heat Transfer (Mechanical)
- Thermal Turbo Machines (Mechanical)

Ph.D.

All the academic departments are offering Ph.D. degree. Large number of research students are working in all the Academic Departments for their Ph.D. All the engineering departments and Applied Science departments and Humanities and Social Science departments are offering Dual degree (Post graduate + Ph.D.) of minimum four years duration.

Demographics

Undergraduate

Sl No.	Branch	No. of Seats	No. of registered students at T&P Cell *
1	Mechanical Engg.	93	92
2	Electrical Engg.	92	78
3	Civil Engg.	92	64
4	Electronics & comm. Engg.	92	68
5	Computer Science & Engg.	93	79
6	Information Technology	92	57
7	Architecture	62	39

** Data may change time to time*

Demographics

Postgraduate

SI No.	Branch	No. of Seats	No. of registered students at T&P Cell
1	Mechanical Engg.	55	49
2	Electrical Engg.	55	46
3	Civil Engg.	112	86
4	Electronics & comm. Engg.	18	15
5	Computer Science & Engg.	18	17
6	Information Technology	18	12
7	Architecture	18	---

Academics

❖ Research & Consultancy

Sponsored Research(SR) and Industrial Consultancy(IC) are two important nodes through which the faculty supports the development of knowledge and technology. National Institute of Technology Patna, recognizes the synergy of education with R&D and is considered as the essential attributes of teaching and research.

NIT Patna administration encourages the teachers for getting involved in research & development and consultancy. During the last couple of years various departments have undertaken consultancy and testing work for various industries & Govt. Departments.

❖ Teaching Methodology

Great emphasis during the classes is laid on core fundamentals and concepts and the examinations are designed to reflect the understanding of the fundamentals in practical fields. Course work is further augmented by course project, seminars and presentations so that the students become proficient in inculcating team values.

❖ Teaching Assistantship

Meritorious Post-graduate students are offered teaching assistantship which involves assisting instructors in practically everything related to the course like conducting lectures, laboratory sessions, tutorials, course planning.

❖ Open and Professional Electives

In order to boost interest in other faculties of technology, the students can take up electives and/or audit courses from department other than their core area of specialization. Students also take up courses in Humanities and Management.

❖ Industrial Exposure

Students are exposed to latest industry practices through several industrial visits during their course. Students are also encouraged to undergo industrial training during their summer vacations. The training provides the students with adequate exposure in tackling live problems encountered in working of industrial entity. Institute also encourages the students to do their B.Tech dissertation and M.Tech thesis in Industry.

❖ Institute programs

To encourage the faculty and student interaction, NIT Patna constantly organizes various seminars and lectures. Through these the students get an opportunity to interact with eminent personalities from the corporate world and the academia. In addition to these the various departments also organizes different workshops.

Infrastructure & Facilities

Computer Centre The institute has a state-of-the-art Computer Centre having multiple computer labs and a virtual classroom fully equipped with all modern computing and audio-visual facilities such as interactive boards, projectors. This Computer Centre is the part of National Knowledge Network (NKN) which has provided us both the public and private IPs and thus there is the facility of video-conferencing also with speed of 1gbps. The labs completely rigged with CCTV cameras prove to be an ideal place for conducting online interviews, tests and for taking presentations.



Laboratory Facilities The college encamps different departments which not only help in the smooth functioning of the academic activities but also provide the budding technocrats with the latest laboratory facilities for their technical upliftment and development of professional traits. Each department provides various lab facilities for the practical as well as research purpose.



Library The Central Library of the institute is rich and diverse owning a stock of over 81,583 books with clearly demarcated section for every engineering branch and architecture. It has a resourceful stock of over 5,197 computer related books. and clearly demarcated section for every engineering branch and architecture. In addition to the engineering pertinent books, the central library is self sufficient in a vivid category of other business and current affairs related magazines, pamphlets and journals which includes TIME and NEWSWEEK. There are more than 2712 e-journals available in the Institute. Library subscribe all journals of IEEE, IET (UK), Science Direct, Wiley etc. The Library has also a separate e-resource section.



Infrastructure & Facilities

- **Medical Facilities:** Two permanent doctors one nurse are taking care of Institute's Health Centre. One trained nurse & supporting staff maintains medical centre regularly. Institute is having one ambulance for medical emergency of students & employees.
- **Sports Facilities:** The students are encouraged to take up sports actively. A huge ground is maintained meticulously for playing cricket and football. A Tennis court, Basketball court and Badminton court are also present. Several other sports such as Table Tennis, Athletics, Volleyball and others are also conducted. A dedicated Sports Activity Centre (SAC) is functional for students.



- **Hostel's & Mess:** Residential facilities are provided to students in three boys' hostels and four girls' hostels. The hostels are guarded round the clock by able private security staffs. Patrolling is also done by state security personnel during night. Each hostel provides a central mess facility for breakfast, lunch and dinner. Uninterrupted water and electricity supply are also provided. Hostels have got separate Wi-Fi connections for providing internet facilities to students 24x7.

- **Wi-Fi:** Today's world can't be imagined without internet. Wi Fi access is available in the campus and hostels for use by the students and the employees. It enables students to carry out their projects and search for relevant information. The internet access is provided by BSNL(1 Gbps) , PGCIL(100 Mbps) , RailTel(10 Mbps).
- **Banking Facility:** There is a functional extension branch of Allahabad Bank within the institute premises. ATM of Allahabad Bank is situated near the gate of the college campus to enable hassle free money withdrawal at any time.

Student Activities

CORONA- Technical Fest

Corona is one of the largest techno-management fests of Eastern India encompassing events covering the entire engineering domain and it is sponsored major firms. It grooms all around development of technical skills amongst various engineering students from IITs, NITs and from many other colleges from over the country.



Intramural Sports Meet

The annual sports meet of NIT Patna which keeps the students on their toes through out the calendar year. The students participate with full enthusiasm and inculcate the virtues of a true sportsman. The students are also encouraged to participate in events like Inter NIT sports meet. Sports are promoted to improve the over all personality of our students.



MELANGE- Cultural Fest

Melange is NIT Patna's cultural fest cum annual day celebration which aims to extract and appreciate various facets of cultural traits hidden within the students all across the nation by conducting many cultural events like Parliamentary debate, Singing, Dancing, Acting, Poetry and much more. This event is culminated by our grand annual day celebration.



International Societies at NIT Patna

IEEE

IEEE, Institute of Electrical And Electronics Engineers, an association dedicated to advancing innovation and technological excellence for the benefit of humanity, is the world's largest technical professional society. IEEE-NIT PATNA is a newly registered student branch (Student branch code-13191 and school code-60060786) under Kolkata section of IEEE. With the active participation of the students and the faculty members, the branch is ready to launch its wide range of technical activities in the days to come.



SAE INDIA COLLEGIATE CLUB

The Society of Automotive Engineers NIT Patna collegiate club was inaugurated in September 2014. SAE emphasizes on the transport industries such as automotive, aerospace and commercial vehicles. To promote and enrich the knowledge of students in this domain it also organizes various events such as SUPRA, BAJA, EFFI Cars, EFFI Cycle. Presently it has 65 members under the guidance of two faculty members.



ASME

Founded as the American Society of Mechanical Engineers, is a professional association, an engineering society, a standards organization, a research and development organization, a provider of training and education, and a non-profit organization. ASME Student Chapter NIT Patna, inaugurated on 18 April 2013, the first of its kind in college is accredited with organizing variants of event in the college premises under its ambit in a brief tenure, which includes Pro-e classes, industrial visits, workshops, quizzes etc.



Student Clubs

Sankalp

A non-profitable organization, run by the students of NIT Patna aims at providing basic & preliminary education to the under privileged slum children residing around the college campus. Sankalp bears all of its students expenses. It is a great & successful initiative working efficiently to bring significant changes to the society.



ENTREPRENEURSHIP CELL (E-Cell)

E-Cell has been established in NIT Patna to promote entrepreneurial activities, generate awareness among students regarding entrepreneurship and to enthuse, assist and mentor students to start entrepreneurial ventures. The student body was established at NIT Patna in September, 2013 with an independent standing of its own. It has since then organised a plethora of events and workshops to enhance and promote entrepreneurship among students.



Music Club

Music club was established in 2014 to promote students who have extraordinary talent in music. Since then the club has established a college band named AKSH which has gained huge popularity. The band has been invited to perform at various fests and events. The club aims at mentoring students to polish their singing and instrument playing skills.



Training for Students

❖ Soft Skill Partner

Training & Placement Cell has partnered with **BRITISH COUNCIL** for Professional Development Course for all students. Website: <http://www.britishcouncil.in/>

❖ Vocational Training & Internship

Students of NIT Patna pursue on-site vocational training (VT) in reputed organizations / companies.

Branch (B.Tech)	Training / Internship providing reputed organizations
ME	HERO MotoCrop. IOCL, NTPC, SAIL, HAL, NALCO, ECR, ITDR MSME, HECL, Bharat Wagon, KBUNL, Kolkata Port Trust, Shipyard etc.
EE	IOCL, BSNL, NTPC, SAIL, BHEL, NHPC, OIL, HECL, KBUNL, Prasar Bharti, Hindalco, BSEB, KEAEL, ETI, GAIL, DLW, TU, PGCIL, SBFC, ONGC, PESU, VECC etc.
CE	IRCON, NTPC, SAIL, NHPC, HAL, SSPL, OIL, SRB, GRB, IITK, IITD, NPCIL, ACC etc.
ECE	IOCL, BSNL, NTPC, SAIL, BHEL, HCL, DRDO, SSPL, DMRC, HECL, Prasar Bharti, TATA Steel, NIC, BEL, NITK, STESALIT, TTC, DLMW, LG Electronics, MTNL, SNTI etc.
CSE	BSNL, SAIL, HCL, DRDO, NIC, DMRC, Student Corner, IIT Bombay, CEL, NIIT, ISSA, STTC, Micro Max Information, TCS, Frankly.me, Ellitists, Zostel, and many startups etc.
IT	JAPIT, SREST, VSERVE, A Mass Softech, Applied Lab, CMPDI, Softech Park India, USHA Computer, NCR, Software Mahathi, Apin Technology, BHEL, TCS etc.
Arch	L&T, Architect Hafeez Contractor, C.P Kukreja Associates, Vastu shilpa consultants, Raj Rewal Associates, Consulting Engineering Services, Era Groups etc.

Placement Details

S.no	Particulars	Year		
		2012-2013	2013-2014	2014-2015
1	No. of registered eligible students for placement	302	340	372
2	No. of job offers made	208	282	304
3	Highest Package (Rs in lacs per annum)	10.1	10	15.25
4	Average package (Rs in lacs per annum)	5.15	5.04	5.53
5	Participating Companies	37	37	42
6	Percentage of Job Offers	68.87%	83%	81.72%

Our Recruiters





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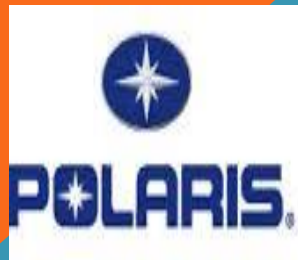
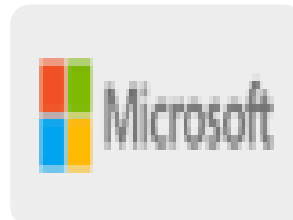


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How To Reach



Patna is the capital of Bihar and it is well connected to other parts of the country by road, rail or air.

City is served by Jai Prakash Narayan International Airport, at a distance of 12 km from NIT Patna campus. There are direct air services from /to New Delhi, Kolkata, Mumbai, Chennai, Bangalore & Hyderabad with connectivity to all major cities in the country.

Patna is the biggest station of east central railway and connected with most of the major cities of India with luxurious trains at a distance of 5 km from NIT PATNA Campus

Contacts

How to Contact: Please drop email to asim@nitp.ac.in / placement@nitp.ac.in mentioning your requirements, eligibility criteria, CTC , Tentative date of campus visit for recruitment drive and other details.

Direct Land / Fax: 0612-2678114

Ph.: 0612-2371715 Extn.: 143/204

Patron: Prof. (Dr.) Asok De, Director, NIT Patna

Phone- 06122371929- ext-101.

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Training & Placement Student Co-ordinators (2015-16)

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Suman Yadav- B.Tech (ME)

Vicky Kumar- B.Tech (EE)

Shruti- B.Tech (EE)

Anurag Mishra- B.Tech (CE)

Abhishek Kumar Pandey- B.Tech (CE)

Sushil Kumar- M. Tech (CE)

Sibani Nanda- M. Tech (EE)

Monu Lal Barnwal

Ankur Chandra- B.Tech (CSE)

Shaily Bindra- B.Tech (CSE)

Agam Kumar Gupta- B.Tech (ECE)

Shivani Tyagi- B.Tech (ECE)

T Madhu Kumar- B.Tech (IT)

Ayush Mishra- B.Tech (IT)

Saurabh Suraj- B. Arch

Pravin Kumar Vinit- M. Tech (ME)

Ashish Kumar Banka- M. Tech (CSE)

Supporting Staff Members

Chandan Kumar

Deepak Kumar

Sita Ram