Information Brochure for B.Tech Admissions



INDIAN INSTITUTE OF TECHNOLOGY PATNA BIHTA, PATNA, BIHAR 801106

Table of Contents

1. General

- 1.1 Message to Candidate
- 1.2 The Institute
- 1.3 Important Date/Academic Calendar
- 1.4 Research Facilities
- 1.5 Student Amenities + Hostel Accommodation

2. Admission Procedure

- 2.1 B.Tech Admission
- 2.2 Payment of Fees and Deposits + Fee Structure + Mess Fee
- 2.3 Termination from Programme

3. Curriculum

4. Registration

- 4.1 Academic Registration
- 4.2 Add-Drop courses
- 4.3 Late registration

5. Branch Change

6. Department and Disciplines

- 6.1 Computer Science & Engineering
- 6.2 Electrical Engineering
- 6.3 Mechanical Engineering
- 6.4 Chemical and Biochemical Engineering
- 6.5 Civil Environmental Engineering

7. Leave of Absence

8. Conduct and Discipline

- 8.1 Code of Conduct
- 8.2 Disciplinary Actions and related Matter

9. How to reach Institute

10. Important Contact Number

1-GENERAL

1.1 Message to Candidate

Indian Institute of Technology Patna is an Institution of National Importance and a new addition to the hallowed IIT System that has proven its worth in last 50+ years. The alumni of IIT are internationally known for their caliber and contribution. Since its inception in 2008, IIT Patna- like its young as well as established peers- has pursued excellence with steadfast determination.

IITP has 6 Engineering Disciplines: Civil and Environmental Engineering, Chemical and Biochemical Engineering, Computer Science and Engineering, Electrical Engineering, Mechanical Engineering and Material Science and Engineering; 2 Science Disciplines: Physics and Chemistry; Humanities and Social Sciences; Mathematics. Its faculty members are experts in their respective fields. The thriving PhD, M.Tech and B.Tech programs of IITP see the students and faculty publish prolifically, win competitions, come up with innovations and build societal awareness.

For impact, technology has to understand its vital links with (i) Humanities and Social Sciences, (ii) Mathematics and (iii) Natural Sciences. Technology can change life if it can acquire "Perspective" from Humanities and Social Sciences, "Technique" from Mathematics and "Foundations" from Sciences. In IITP, we will strive to achieve this 4-way harmony of Technology, Humanities and Social Sciences, Basic Sciences and Mathematics. The original charter of new IITs, viz., interdisciplinary research and teaching will thereby be addressed.

IITP is strategically placed, geographically speaking. The stretch from Gujarat to Manipur has 11 IITs (Gandhinagr, Jodhpur, Mandi, Ropar, Roorkee, Delhi, Kanpur, Patna, Kharagpur, Bhubaneshwar and Guahati) and a large number of NITs and renowned universities. This sets up a tremendous powerhouse of knowledge and high quality human resource. Additionally, the state of Bihar is rich with tradition and resources, emphasizes education, is blessed with the fertile Gangetic plain and abundant sunlight. This paves way for immense societal impact through agriculture and energy technology, amongst many other possibilities.

IITP has moved to its brand new campus at Bihta, a place with history, about 35 KM from main city Patna. The sprawling 501 acre campus houses four academic complexes for the departments, a Class Rooms Complex, Student, Faculty and Staff Residential quarters, Hospital and School and an impressive Administrative building. The 2015 autumn session in IITP started from the new campus in Bihta.

At this juncture of history, IIT Patna is poised for great things.

Director, IIT Patna

1.2 The Institute

Indian Institute of Technology Patna is one of the new IITs established by an Act of the Indian Parliament on August 06, 2008. Patna which was known as Patliputra has been a center of knowledge since long has been attracting visitors and scholars from many parts of the world such as China, Indonesia, Japan, Korea, Sri Lanka, among others. This has been a land of visionaries. Some of the legends from this region include Lord Gautam Buddha, Lord Mahavir, Guru Gobind Singh, the famous astronomer Aryabhatta and the first President of India, Dr. Rajendra Prasad.

IIT Patna has ten departments: These are Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Chemical and Biochemical Engineering, Civil & Environmental Engineering, Materials Science & Engineering, Chemistry, Physics, Mathematics and Humanities & Social Science departments.

IIT Patna campus is located at Bihta which is approximately 40 kms from Patna. For driving directions and contact details, please point your browser to the following link: http://www.iitp.ac.in/index.php/contact.html

The Institute has developed modern facilities that are fully equipped with the state-of-the-art facilities (equipment software and machines) that are routinely used to train and educate students in the following programs:

B.Tech in five disciplines: Computer Science and Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering and Chemical Engineering. M.Tech in multi-disciplinary streams with eight specializations:

Mechatronics jointly offered by Departments of Mechanical and Electrical Engineering, Mathematics & Computing jointly offered by Departments of Mathematics and Computer Science & Engineering, Nano Science & Technology jointly offered by Departments of Physics and Chemistry, Computer Science and Engineering offered by Department of Computer Science & Engineering, Communication System Engineering offered by Department of Electrical Engineering, Mechanical Engineering offered by Department of Civil & Environmental Engineering and Materials Science and Engineering offered by Department of Materials Science and Engineering.

Budding research scholars are admitted in the PhD program of this Institute in all ten (10) departments.

As of April 2016, IIT Patna has six hundred seventy students enrolled in its B Tech programs, one hundred sixty one M.Tech students and two hundred fifty nine Ph.D students. Since inception in 2008 and till April 2016, more than four hundred students have been awarded B.Tech. degree, more than seventy five students have been awarded M.Tech. degree and more than 20 research scholars have been awarded PhD degree. As of April 2016, faculty strength of IIT Patna is one hundred one (which includes one DST Ramanujan Faculty Fellow, one Adjunct Faculty, one DST INSPIRE Faculty and one Visiting Professor). Faculty members are supported by more that seventy efficient staff (non-teaching) members. These numbers are anticipated to increase as the Institute is growing at a steady pace. The faculty members of IIT Patna have a wide range of academic and research experience. They have been trained in the top ranked Institutes within the country and abroad.

Research activity in IIT Patna has been published in high quality and peer-reviewed national and international journals. Faculty members of IIT Patna have been also participating in national and international conferences of repute.

1.3 Academic Calendar

Please follow the given link

http://www.iitp.ac.in/acad/academic_calendar.php

1.4 Research Facilities

The institute has state of the art research facilities. Laboratories are well equipped. The Incubation centres are functioning very well.

1.5 Student Amenities + Hostel Accommodation

Students' Gymkhana

The students' gymkhana of IIT Patna(established in 2008) is the Students' Governing Council consisting of the elected student representatives working for the overall well being and holistic development of students in the institute.

The elected representatives of the students from each hostel strive to foster growth and leadership among the students by coordinating various events helping to extract the maximum of one's talent. To promote the co-curricular activities and interests, the gymkhana has many clubs and groups dedicated to the interests of the students.



Sports at IIT Patna bring together relaxation and competition getting the best of every player. It organizes various inter-hostel and inter-department competitions.

The blending of different cultures has lent uniqueness to the cultural activities which are organized throughout the year. The organization of various workshops, seminars and various technical activities at IIT P makes learning an enjoyable experience.

IIT Patna currently has one boys' hostel and one temporary girls' hostel in the campus. It also has necessary arrangements for married research scholars. More boys and girls hostels are in the process of construction. The boys' hostel is at a distance of about 1KM from the academic complex and the girls' hostel is situated near the faculty quarters, about 3 KMs from academic complex. Presently over 1200 students are residing in the hostels. Regular bus services have been provided from the hostels to and the academic buildings. Students have access to Wi-Fi connectivity throughout the buildings. In addition to the adequate health care facilities, all the students are covered under Vidyarthi Mediclaim Insurance Policy. The hostel is equipped with gymnasium, TV room and table tennis facilities. Campus has a basketball court, a volleyball court, and badminton court. A football-cum-cricket ground will also be available very soon. There are two students' mess in boys' hostel and one mess in the girls' hostel, along with various food joints and canteen in the Food court. The students elect a student body once every year in the month of April.

Hostels

The boys' hostel building is a 8-storey structure divided into 4 blocks viz. A,B,C,D. It's spread onto an area of 28849 Sqm. It has 912 rooms, all with a balcony, window, cupboard, and enough niches. The hostel has two common rooms used for recreational and co-curricular activities and a gymnasium. There are total of 6 lifts in the building. Watercoolers are installed on each floor. Fire extinguishers and other safety measures are taken care of. The building can resist high magnitude earthquakes. There are seven more such boys hostels and 2 girls hostels are proposed in the plan.



Gymnasium

Boys hostel has a gymnasium on the first floor along side the common room. It has all the basic exercise equipments like dumbbells, barbells, bench press, etc. It also has other major equipments like tredmills, exercise bike, squat station, hammer strength machine, cables and pulleys, lat pull down machine, leg extension machine and few more.

Mess

Boys' Hostel has two mess halls on the ground floor and girls' hostel has one. They provide breakfast, lunch, snacks and dinner. Messes follow a specific menu for the week. Every month, the mess menu gets changed. Coffee/tea is provided in the breakfast and snacks time. Students elects a mess secretary from all the years to look after mess related issues. Messes are kept clean and work in hygienic conditions.



Medical Unit

Being an important tool in the development of an institute, health care facilities at IIT Patna has been well planned and executed. IIT Patna Hospital at Bihta campus runs with the help of Ruban Memorial Hospital, Patna. It is functional with primary basic health care facilities for employees and students. Apart from that, we have associated ourselves with local hospitals like Mahavir Vatsalaya Aspatal, Sahayog Hospital, Kurji Holy Family Hospital and Paras HMRI Hospital to cater to the basic needs of our faculty, staff,



students and their families on a cashless basis. Hospitalization expense of students is covered under a medical insurance policy. A pharmacist and an assistant are available on a full-time basis to provide emergency first-aid, and for routine medical services. A 24x7 Ambulance service is also available to provide emergency services to everyone who is part of IITP system.

Institute Wellness Centre

Institute Wellness Centre (IWC) at IIT Patna facilitates the well being of students and encourages them to enhance their on-campus lifestyle. The centre consists of the faculty members across various departments of the Institute. The IWC deals with a wide range of activities including Yoga, Sports, Music, Life Skill, etc. In addition to these, IWC organizes various programs like workshop on happiness, motivational talks, etc. The centre encourages active participation from the student community in various upcoming events organized by IWC time-to-time.

Student Activity Center

Games and sports are organized through the Gymkhana. It promotes all extra curricular activities in the field of Sports. The Institute has on its rolls Chairman Sports, Coach and other supporting staff. Facilities for the following games and sports are available: Basketball, Volleyball, Tennis, Badminton, Table Tennis, Athletics, Cricket, Chess, and Carom etc. In addition to this, Student Gymkhana has well equipped gymnasium.

Besides organizing routine activities in above-mentioned sports, the Gymkhana also organizes Inter Hostel Sports Meet. The Gymkhana also takes the responsibility of preparing students for Inter-IIT Sports Meet.

2. ADMISSION PROCEDURE

2.1 B.Tech Programme

The number of seats in each branch of the undergraduate program for which admission is to be made in IIT Patna will be decided by the senate of IIT Patna. Seats are reserved for candidates belonging to scheduled castes, scheduled tribes and OBC, physically handicapped candidates and children of defence personnel who died fighting for the country. This will be as per the decision of Joint Admission Board of IITs from time to time.

Admission to all courses will be made in the odd semester of each session, at the first year level, through a Joint Entrance Examination (JEE) conducted jointly by all the IITs. Detailed rules of JEE are available in the "Information Brochure" published by the IITs every year.

If, at any time after admission, it is found that a candidate has not fulfilled all the requirements stipulated in the offer of admission, the institute may revoke the admission of the candidate and report the matter to the senate.

The Institute reserves the right to cancel the admission of any student and ask him/her to discontinue his/her studies at any stage of his/her career on the grounds of unsatisfactory academic performance or indiscipline.

2.2 Payment of Fees and Deposits + Fee Structure + Mess Fee

B Tech. students selected through JEE (First Semester)

| Sl. No. | Items | Periodicity | Amount (Rs.) | |
|---------|------------------------------|-----------------------|--------------|--|
| 01. | Admission fee | One Time | 150 | |
| 02. | Grade Card Fee | One Time | 150 | |
| 03. | Provisional Certificate Fee | One Time | 100 | |
| 04. | Medical Examination Fee | One Time | 100 | |
| 05. | Student Welfare Fund | One Time | 200 | |
| 06. | Identity Card Fee | One Time | 50 | |
| 07. | Tuition Fee * | Per Semester | 1,00,000 | |
| 08. | Examination Fee | Per Semester | 350 | |
| 09. | Registration / Enrolment Fee | Per Semester | 200 | |
| 10. | Gymkhana Fee | Per Semester | 500 | |
| 11. | Medical Fee | Per Semester | 100 | |
| 12. | Institute Caution Money | One Time (Refundable) | 2,000 | |
| 13. | Library Caution Money | One Time (Refundable) | 2,000 | |
| 14. | Alumni Subscription | One Time | 500 | |
| 15. | Training and Placement Fee | One Time | 1000 | |
| 16. | Festival Fee | Per Semester | 250 | |
| 17. | Publication Fee | Per Semester | 100 | |

| 18. | Lab and Computational charges | Per Semester | | 500 |
|----------|--|---------------|--------------------------|--------------|
| 19. | Establishment charges | Per Semes | ter | 500 |
| 20. | Student Benevolence Fund | Per Semes | ter | 100 |
| 21. | Hostel Admission Fee ** | One Time | | 400 |
| 22. | Hostel Rent ** | Per Semes | ter | 500 |
| 23. | Hostel Development Fund ** | Per Semes | ter | 500 |
| 24. | Fan, Electricity/Water Charges ** | Per Semes | iter | 1,500 |
| 25. | Hall Caution Money ** | One Time | (Refundable) | 1,000 |
| 26. | Student Welfare Fund | Per Semes | iter | 50 |
| 27. | Transport Charges | Per Semes | ter | 600 |
| | Total (1 to 27) for General/OBC Category – With Hostel related fee / deposit | | | 1,13,300 |
| Total (| 1 to 27) for SC / ST Category – With | h Hostel rela | ated fee / deposit | 13,300 |
| | | | <u>I</u> | |
| Mess r | elated Collections for all hosteller st | tudents | | |
| S. No. | Items | | Periodi city | Amount (Rs.) |
| 28. | Mess Deposit | | One Time (Refundable) | 1,500 |
| 29. | Hall Mess Establishment Charges | | One Time | 1,000 |
| 30. | Mess Charges (On Advance basis) | | Per semester | 12,000 |
| Total (2 | 28 to 30) | | | 14,500 |
| Total (| 1 to 30) for General/OBC Category | – With mess | s related fee / | 1,27,900 |
| | | | | |
| Total (| 1 to 30) for SC / ST Category – With | h mess relat | ed fee / deposit | 27,900 |
| | 1 to 30) for SC / ST Category – With | | ed fee / deposit | 27,900 |

^{**} means fees related to hostel/hall

Medical insurance Premium Rs. 603.00 and Transportation charges Rs. 600/- should be deposited in cash once in a year.

The Demand Draft should be made in favour of "IIT PATNA" payable at Patna.

The waiver is subject to the following for protecting the interests of socially and economically backward students:

- a. The SC/ST/PH students shall get complete tuition fee waiver .
- b. The most economically backward students (whose family income is Rs. One lakh per annum) shall get full remission of the tuition fee .
- c. The other economically backward students (whose family income is between Rs. One lakh to Rs. Five lakh per annum) shall get remission of 2/3 rd of the tuition fee .

B. Tech students selected through JEE (Second Semester onwards)

| S. No. | Items | Periodicity | Amount (Rs.) |
|--------|--------------------------------------|--------------|--------------|
| 1 | Tuition Fee* | Per Semester | 1,00,000 |
| 2. | Examination Fee | Per Semester | 350 |
| 3. | Registration/ Enrolment Fee | Per Semester | 200 |
| 4. | Gymkhana Fee | Per Semester | 500 |
| 5. | Medical Fee | Per Semester | 100 |
| 6. | Festival Fee | Per Semester | 250 |
| 7. | Publication Fee | Per Semester | 100 |
| 8. | Lab and Computational charges | Per Semester | 500 |
| 9. | Establishment charges | Per Semester | 500 |
| 10. | Student Benevolence Fund | Per Semester | 100 |
| 11. | Hostel Development Fund** | Per Semester | 500 |
| 12. | Hostel Rent** | Per Semester | 500 |
| 13. | Fan, Electricity and Water Charges** | Per Semester | 1500 |

| 14. | Student Welfare Fund | Per Semester | 50 |
|--|--|---------------------------------|--------------|
| 15. | Transport Charges | Per Semester | 600 |
| Total (1 | to 15) for General/OBC Category – W | Vith mess related fee / deposit | 1,05,750 |
| Total (1 | Total (1 to 15) for SC / ST Category – With mess related fee / deposit | | 5,750 |
| | | | |
| Mess rel students | lated Collections for all hosteller | | |
| S. No. | Items | Periodicity | Amount (Rs.) |
| 16. | Mess Charges (On Advance basis) | Per semester | 12,000 |
| Total (1 | Total (15) | | 12,000 |
| | | <u> </u> | |
| Total (1 | to 16) for General/OBC Category – W | Vith mess related fee / deposit | 1,17,750 |
| Total (1 to 16) for SC / ST Category – With mess related fee / deposit | | 17,750 | |
| *SC / ST | students are not required to pay Tuition | ı Fees | |
| ** mean | s fees related to hostel/hall | | |
| | | | |

Medical insurance Premium Rs. 603.00 should be deposited in cash once in a year

The Demand Draft should be made in favour of "IIT PATNA" payable at Patna.

The waiver is subject to the following for protecting the interests of socially and economically backward students:

- a. The SC/ST/PH students shall get complete tuition fee waiver .
- b. The most economically backward students (whose family income is Rs. One lakh per annum) shall get full remission of the tuition fee .
- c. The other economically backward students (whose family income is between Rs. One lakh to Rs. Five lakh per annum) shall get remission of 2/3 rd of the tuition fee .

2.3 Termination from the Programme

A student is required to leave the Institute on the following grounds:

- (a) If a student fails to secure a CPI of 5.0 at the end of any semester. However, a student securing a CPI below 5.0 may be allowed to continue in the following semester on the recommendation of DAPC and with the approval of IAPC. Simultaneously the student will be issued a warning that his/her CPI has to come up to a value of at least 5.0. Students who secure a CPI below 5.0 in two consecutive semesters may not be allowed to continue in the undergraduate program.
- (b) If a student is absent for more than 6 (six) weeks in a semester without sanctioned leave, his/her name will be struck off the rolls.
- (c) A student may also be required to leave the Institute on disciplinary grounds on the recommendations of the Students Disciplinary Committee.
- (d) If a student does not register for 03 (three) consecutive semester without approval, his/her name will be struck off from the Institute Roll List.

3. CURRICULUM

In order to qualify for a B.Tech. degree of the Institute, a student is required to complete the credit requirements as prescribed in the curriculum for a particular program. The credit requirements for a program will be in the range of 280-300 credits.

No student will normally have more than six lecture based courses and four laboratory courses in a semester. However, in special cases, a student may be permitted to take seven lecture-based courses subjected to the recommendation of Faculty Advisor and approval of Departmental Academic Program Committee (DAPC).

In addition to the prescribed credit requirement (between 280and 300) a student shall have to complete the requirements of Extra Academic Activities (EAA) during the first four semesters. Students will be awarded (PP/NP) grades for the EAA, which will be recorded in the Grade Card but not taken into account for computing the SPI and the CPI.

The course work requirements may be broadly divided into following four main groups of subjects:

- a) Humanities and Social Sciences
- b) Basic Sciences and Mathematics
- c) Engineering Sciences & Practice
- d) Professional Subjects

The total course package for a department consists of the following components:

- a) Institutional Core subjects
- b) Departmental Core subjects
- c) Departmental Elective subjects

d) Institute Elective subjects

Every B.Tech. program will have a curriculum and syllabi for the courses approved by the senate. DAPC will discuss and recommend the syllabi of all the under graduate courses offered by the department from time to time before sending the same to the IAPC and then to the senate.

Medium of instruction, examination and project report will be in English.

To help the students in planning their courses of study and getting general advice on the academic program, the concerned department will assign Faculty Advisor(s) for each batch of students.

4. REGISTRATION

4.1 Academic Registration

Every student is required to register for the approved courses through the Faculty Advisor at the commencement of each semester on the day fixed for such registration and notified in the Academic Calendar Students who do not register on the day announced for the purpose may be permitted late registration, upon getting permission from the Dean/Associate Dean (Academics), up to the notified day in the Academic Calendar on payment of an additional fee.

Only those students will be permitted to register who have Cleared all Institute, Hostel and Library dues and fines (if any) of the previous semesters, Made all required advance payments of the Institute and Hostel for the current semester, and Not been debarred from registering on any specific ground.

4.2 Add-Drop courses

Students may add and drop subject(s) with the concurrence of the Faculty Advisor, and under intimation to the concerned course instructors and the academic section provided this is done within the date mentioned in the Academic calendar.

4.3 Late Registration

For late registration, students have to obtain approval of Dean/Associate Dean (academics) within seven (7) days from the date of registration in summer quarter (mentioned in the Academic Calendar). Late fee (in case of students registering late in summer quarter) is same that is charged in case of late registration in Spring/Autumn semester in the Institute

5. BRANCH CHANGE

Normally a student admitted to a particular branch of the undergraduate program will continue studying in that branch till completion.

However, in special cases the Institute may permit a student admitted through JEE to change from one branch of studies to another after the first two semesters. Such changes will be permitted, in accordance with the provisions laid down hereinafter, from a B.Tech. program in any branch to a B.Tech. program in any other branch.

Only those students will be eligible for consideration of a change of branch/program after the second semester, who have completed all the common credits required in the first two semesters of their studies, in their first attempt, without having had to pass any course requirement in the summer term examination.

6. DEPARTMENT AND DISCIPLINES

Computer Science & Engineering

A journey to the global academic summit that touches every aspect of national life in its wake is the primary goal of the department. The department came into existence in 2008.

The department has not looked back since then. It has witnessed a manifold raise in the size of the vibrant student body. Presently, all efforts are geared towards making this the first choice of aspiring undergraduates. Faculty strength is all set to multiply many times over with the planned addition of young and dynamic persons flashing enviable academic and research records. The department boasts of generously equipped teaching and research laboratories..

Electrical Engineering

The Department of Electrical Engineering (EE) has been evolving since the inception of IIT Patna in the year 2008. The major objective of the department is to impart high quality education and to encourage the students. The department offers B. Tech in Electrical Engineering.

Mechanical Engineering

The department at present offers Bachelor of Technology degree in Mechanical Engineering.

The personnel in the Department venture in diverse multidisciplinary fields including surface engineering, soft-tissue mechanics, non-traditional manufacturing, laser material processing, condition monitoring, biomedical robotics, biomedical bone drilling, computational mechanics, fracture, finite element modelling, composites, fire, micro- and nano-scale heat transfer, boiling, condensation, two-phase flows, refrigeration and air-conditioning, computational fluid dynamics, colloids and interfacial science, soft computing, and microgravity, among others. Such activities are aptly supported by 16 state-of-the-art research cum teaching laboratories. Significant numbers of patents and publications in various top multidisciplinary journals is an evidence of the flourishing research environment in the department. Department has received more than 5.0 crores of funding support in terms of sponsored projects and consultancy works from various Government and Industry agencies including Aeronautics Research Development Board (ARDB), Board of Research in Nuclear Science (BRNS), Defence Research Development Organization (DRDO), Department of Electronics and Information Technology (DeITY), Department of Science and Technology (DST), and Indian Space Research Organization (ISRO), among others.

Chemical Engineering

The vision of Chemical and Biochemical Engineering department at IIT Patna is to achieve national and international recognition through the educational and research achievements and the professional service of our faculty, staff and students. Its mission is to provide students with an overall educational experience that prepares our students to become successful professional chemical engineers capable of undertaking both life-long learning and further advanced studies.

The Chemical and Biochemical Engineering department plans to provide opportunities for both course-based and research-based Masters Degrees and Doctorates in addition to undergraduate B. Tech program. These undergraduate and graduate programs aim to develop highly-qualified graduates who are self-motivated, independent and clear thinking individuals capable of undertaking an independent work in industry and research and development programs and government and public sectors undertakings.

The department is trying to achieve fully developed infrastructure and well equipped laboratories in chemical and biochemical and Food process Engineering. Apart from this, department envisions to regularly organizing seminars and workshop on its own or with collaboration with other elite institutions. Department will be equipped with CAD lab and others for research in chemical reaction engineering, plant and process design, quality control and transport phenomenon would be developed in due course of time. Chemical and Biochemical Engineering department will focus on relevant curriculum and research and development in the areas of chemical products processing, biological systems engineering, food processing technology, bio-fuel, industrial biotechnology, bioreactor design and electrochemical energy conversion

Civil and Environmental Engineering

The Department Civil and Environmental Engineering (DCEE) at Indian Institute of Technology Patna (IIT Patna) constitutes of five independent disciplines; Structural Engineering, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering, and Environmental Engineering. DCEE is one of the new departments established in 2013 that offers a four-year course (Bachelors degree) and two-year course (Master's degree) in Civil and Infrastructure Engineering. The DCEE is an innovative and vibrant place of learning, where students pursue their educational and research interests in order to lead the next generation in transforming the disciplines of civil and environmental engineering. Department is actively involved in basic as well as advanced research and provides high quality technical advisory support through various R&D projects and consultancy to various organizations.

Goal of the DCEE is to reach the level of excellence in latest technical front as well as advanced research; to provide a high quality teaching and learning environment in the field of Civil and Environmental Engineering to make students capable of innovative thinking. Instead of compartmentalizing, DCEE at IIT Patna is adopting an integrate approach to forge all these areas into a multi-disciplinary and application oriented course. This interdisciplinary nature will lead to development of creative and analytical ability of the students to handle the novel challenges of the society; further improving the lifestyle of the society by creating various innovative works and transferring technological knowledge from classroom to the real life.

7. LEAVE OF ABSENCE

- (a) If the period of leave is for a short duration (less than two weeks), prior application for leave shall have to be submitted to the Head of the Department (HoD) stating fully the reasons for the leave requested for along with supporting document(s). Such leave will be granted by the Head of the Department.
- (b) Absence for a period not exceeding two weeks in a semester due to sickness or any other unavoidable reasons for which prior application could not be made may be condoned by the Head of the Department provided the Head is satisfied with the explanation.
- (c) If the period of absence is likely to exceed two weeks, a prior application for grant of leave will have to be submitted through the Head of the Department to the Dean/Associate Dean (Academic) with supporting documents in each case; the decision to grant leave shall be taken by the Dean/Associate Dean (Academic).
- (d) The Dean/Associate Dean (Academic) may, on receipt of an application, also decide after discussing with the Head of the corresponding department, whether or not the student be asked to withdraw from the course for that particular semester, because of long absence
- (e) The leave of absence as per clauses 4.2 (a) to 4.2 (c) will NOT be condoned for attendance. It will be the responsibility of the student to intimate the Warden of the hostel in which he/she is residing, the Head of the Department, and the concerned instructors regarding his/her absence before availing the leave.

In exceptional circumstances, the Director may relax any of the above requirements.

8 – CONDUCT AND DISCIPLINE

8.1 Code of conduct

Students shall conduct themselves within and outside the premises of the Institute in a manner befitting the students of an institution of national importance.

Ragging in any form is banned: acts of ragging will be considered as gross indiscipline and will be severely dealt with.

The following acts of omission and/or commission shall constitute gross violation of the code of conduct and are liable to invoke disciplinary measures:

- a) Ragging
- b) Lack of courtesy and decorum; indecent behaviour anywhere within or outside the campus.
- c) Willful damage or stealthy removal of any property/belongings of the Institute/Hostel or of fellow students
- d) Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs
- e) Mutilation or unauthorized possession of library books
- f) Noisy and unseemly behaviour, resulting in acute disturbance
- g) Hacking in computer systems (such as entering other person's work area without prior permission, manipulation and/or damage of computer hardware and software etc)
- h) Any other act of gross indiscipline
- i) Commensurate with the gravity of the offence, the punishment may be given in the form of fine, expulsion from the hostel, debarment from an examination, rustication for a specified period or even outright expulsion from the Institute.

8.1 Disciplinary Actions and related Matter

For an offence committed in (a) a hostel, (b) a department or in a classroom and (c) elsewhere, the Warden, the Head of the Department, Dean/Associate Dean (students), Dean/Associate Dean (Academic) and the Director, respectively, shall have the authority to reprimand or impose fine or impose any other suitable punishment. All cases involving punishment other than reprimand shall be reported to the Chairman, Students Disciplinary Committee.

All major acts of indiscipline, which may have serious implications and/or which may warrant a uniform and more formalized nature of investigation, shall be handled by the Students Disciplinary Committee (SDC).

Cases of adoption of any kind of unfair means in an examination shall be reported to the Institute Academic Disciplinary Committee (IADC) for taking appropriate action.

In the event of a major punishment, the aggrieved party shall have the right to appeal to the Director.

9 – HOW TO REACH INSTITUTE

Where is IIT Patna located?

IIT Patna has shifted in his own permanent campus which is spread in 500 Acres. It is situated at N25°32′ 0.18" (Latitude) E 084°51′ 16.08" (Longitude) at Globe i.e. at Bihta (Satellite Town of Patna) which is 35 KM west of Patna. The Nearest Railway station is Bihta distance from the campus is 3KM as well as the Nearest airport is at Patna which is 35 KM from the campus. The Climate of campus is Humid subtropical.

How to reach IIT Patna, Bihta from Patna airport or Patna Junction railway station?

The Govt. of Bihar - BSRTC, bus services has been started round-a-clock to IIT Patna, Bihta campus from Patna Junction. Local train facility is also available from Patna Junction to Bihta railway station. Taxi is available from the Patna airport to reach campus.

10-IMPORTANT CONTACT NUMBERS:

| Director PS to Directorate | : | 0612302 0612302 | 8071 |
|--|-------------|-------------------------------|------|
| Attendant Directorate Associate Dean, Academic | : | 0612302 0612302 | |
| Associate Dean, Academic, Assistant | : | 0612302 | |
| Associate Dean, R&D Associate Dean, Students | : | 0612302 0612302 | |
| Professor Incharge - UG | : | 0612302 | |
| Professor Incharge - PG | : | 0612302 | 8033 |
| Registrar PS to Registrar | : | 0612302 0612302 | |
| Deputy Registrar (Academic) | : | 0612302 | |
| Assistant Registrar (Academic) Senior Superintendent; Student Affairs Academic Section | : : : | 0612302 0612302 0612302 | 8707 |