



भारतीय प्रौद्योगिकी संस्थान पटना

Indian Institute of Technology Patna

PhD ORDINANCES AND REGULATIONS

ORDINANCES

1. The Indian Institute of Technology Patna awards the degree of Doctor of Philosophy (PhD) in Engineering/Sciences/Humanities and Social Sciences to a candidate who has successfully completed the Research Programme.
2. The Research Programme with the governing rules and regulations are formulated by the Institute Academic Programme Committee (IAPC) or Senate of the Institute. The IAPC/Senate can modify or change the structure, the governing rules and regulations from time to time.
3. A candidate to be awarded the PhD degree has to submit a thesis embodying the findings of her/his research carried out under this programme. The thesis should make an original contribution of high quality to the advancement of knowledge as judged by the experts in the relevant area.
4. A candidate becomes eligible for the award of the PhD degree after fulfilling all the academic requirements prescribed by the IAPC/Senate of the Institute.
5. The award shall be made upon the recommendation of the IAPC/Senate of the Institute after ratification by the Board of Governors of the Institute.
6. The PhD degree shall be awarded by the Institute.

REGULATIONS

1. CATEGORIES OF PhD STUDENTS

The Institute admits PhD students under the following categories:

1.1 REGULAR and FULL-TIME

A student in this category works full-time for her/his PhD degree. They can be classified as

1.1 a) Institute Fellows

She/he receives assistantship from the Institute.

The qualifying Degree for Financial Support is:

1.1.1 BE/ BTech/ MSc/ MA/ MBA/ MCA /equivalent degree with valid GATE score above the prescribed cut off level/ NET qualification.

1.1.2 ME/ MTech/ MPhil /equivalent degree.

Age Limit: Please refer Appendix-I.

For Institute Fellows admitted as “Direct Admission”, refer A.5 under Appendix I.

1.1 b) JRF/SRF Fellows

She/he receives fellowship from any government recognized funding agencies, such as CSIR, UGC, DBT, etc.

1.2 SPONSORED (FULL-TIME)

A student in this category is sponsored by a recognized R&D organization, academic institution, government organization or industry for doing research in the Institute on a full-time basis. The Institute does not provide any assistantship/fellowship to such a student.

1.3 SELF-FINANCED

A student in this category may work full-time towards the PhD Programme. The Institute does not provide any assistantship/fellowship to such a student. The applicant should have qualified a national level exam (NET/GATE/etc).

1.4 PROJECT STAFF

This category refers to a student who is working on a sponsored project in the Institute and is admitted to the PhD Programme to work on a full-time or part-time basis. The remaining duration of the project at the time of admission should be at least two years. If the project gets completed before the student completes her/his PhD Programme, her/his category will be converted to that of **SELF-FINANCED** unless she/he is granted an assistantship/fellowship from the Institute or any other agency.

1.5 EMPLOYED AND PART-TIME

A student in this category is a professionally employed person (including the staff of IIT Patna), who pursues the PhD Programme while continuing the duties of her/his service. The Institute does not provide any assistantship/fellowship to such a student. **For Minimum Residential Requirement see point 19.2.**

Distance requirement: The candidate must reside within 50 km radius from the IITP.

1.6 QUALITY IMPROVEMENT PROGRAMME

This category refers to a student selected under the Quality Improvement Programme (QIP) of the AICTE. The student works full-time in the PhD Programme as per the rules and regulations of QIP.

2. CHANGE OF CATEGORY

The Chairperson, IAPC/Senate on recommendation of the Doctoral Committee (DC) of the candidate, approves change from one category to another. Such a request of change of category should be initiated by the respective coordinating supervisor and forwarded to the DC.

The PhD students who got a job offer may change their category from Regular to Part-time (Refer Point 16).

3. ADMISSION TO PhD PROGRAMME

3.1 ELIGIBILITY CRITERIA

The details of the eligibility criteria for admission to various PhD programmes are given in **Appendix-I**. These criteria are revised by the IAPC/Senate from time to time.

3.2 ADMISSION PROCEDURE

3.2.1 A PhD scholar, in the categories JRF/SRF Fellows [1.1 b], SPONSORED (FULL-TIME) [1.2] and PROJECT STAFF [1.4], can be admitted to the Institute throughout the year. Registration to the PhD Programme of the Institute normally takes place in January and July every year. Advertisements are issued in September/October for the even semester (January – April) and February/March for the odd semester (July/August – November).

3.2.2 Admission to all categories of students is granted on the basis of interview/admission test held tentatively in the month of December and May - July every year.

3.2.3 Foreign nationals can only register as regular full time scholars. Foreign nationals with degree from Indian Universities will be treated on par with Indian nationals for admission purposes. Foreign nationals with foreign degrees must meet the minimum educational requirements as given in **Appendix-I** equivalent to an Indian Master's degree in the relevant disciplines. In addition, they should have a valid GRE/GMAT/ GATE /JMET/CAT/XAT/MAT/ATMA/UGC or CSIR /NET /JRF or an equivalent examination and should have cleared TOEFL score in the relevant discipline.

The applications of foreign nationals may be considered based on a web-interface personal interview/presentation.

3.2.4 The following documents are to be furnished along with the application by candidates falling under Sponsored, Project Staff, and Part-time categories:

Form I: Sponsorship letter for Sponsored category.

Form II: No objection certificate from Coordinator, Sponsored Research and Industrial Relation Unit (SRIRU), IIT Patna, for Project Staff category.

Form III: No objection certificate from the employer for Part-time category.

4. ASSISTANTSHIP

4.1 Institute assistantships will be available to eligible students as per prevailing norms.

4.2 Assistantships from external funding organizations will be available as per terms and conditions of the concerned funding organizations.

4.3 Students receiving assistantships from the Institute or fellowships from any other funding agencies are required to perform academic duties as per prevailing Institute norms.

4.4 The continuation of the assistantship/fellowship is subject to satisfactory performance of the assigned duties and satisfactory progress of the student in the PhD Programme.

5. SUPERVISORS

5.1 Every student admitted to the PhD Programme undertakes research under the guidance of a faculty member of the Department in which she/he is admitted. The faculty member is called her/his Principal Supervisor. The Principal Supervisor is responsible for moving all the administrative paperwork on behalf of the student.

5.2 A student may have a second Supervisor from the same or another Department/ Centre as Co-Supervisor. The Co-Supervisor may be affiliated to a reputed National/International University/Institute/Center/Organization. The Co-Supervisor preferably should have PhD degree.

5.3 The following categories of persons can also act as Co-Supervisor but not as a Principal Supervisor.

- i. A faculty nearing superannuation with less than 18 months of service left at the Institute.
- ii. Professionals/Scientists from industry who are outstanding researchers having a proven track-record in research. On recommendation of the Principal Supervisor, the Chairperson IAPC/Senate approves appointment of the individual as Co-Supervisor.

6. APPOINTMENT OF SUPERVISOR(S)

All faculty members of a particular department hold a meeting to assign Supervisor(s) to a newly admitted scholar. While identifying the Supervisor(s) in this meeting, student's interest must be taken into consideration. Thus, the student is assigned a potential Supervisor(s) immediately after her/his enrollment.

7. DOCTORAL COMMITTEE (DC)

7.1 To monitor the progress of the PhD student, there will be a Doctoral Committee with the following composition:

- (i). A faculty member other than the Supervisor(s) from the department: Chairperson
- (ii). Supervisor(s): Member(s)
- (iii). Three other faculty members of which one should preferably be from another department: Members

In case, any member goes on leave exceeding six months duration, or resigns or retires from the Institute, the Supervisor(s) recommends another member for approval to the Institute PhD Program Coordinator.

7.2 The DC is constituted by the Supervisor(s) in consultation with the department faculty members within one week from the date of appointment of the Supervisor(s). The list is sent to the Institute PhD Program Coordinator for approval from the Chairperson, IAPC/Senate.

7.3 If any change in the composition of DC of a research scholar is proposed by respective Supervisor(s), then such an appeal is forwarded through the Institute PhD Programme Coordinator to the Chairperson, IAPC/Senate who may permit such a change for valid reasons.

8. CHANGE/ADDITION OF SUPERVISOR(S)

8.1 If a student has only one Supervisor and the Supervisor goes on leave for more than 6 months, then a Co-Supervisor is appointed by her/his Supervisor for official/administrative reason(s) during the period of the leave. Mutual consent of both the student and Supervisor is taken for such cases. The Chairperson, IAPC/Senate, has to approve such a change of Supervisor.

8.2 The Chairperson, IAPC/Senate may permit a student to change her/his Supervisor(s) for valid reasons. Mutual consent of the student and Supervisor(s) and recommendations of the respective DC are required. Such cases are reported to the IAPC/Senate members.

9. COURSE WORK

9.1 The DC of a student prescribes the courses that a student has to register.

9.2 A student of a discipline registers for a minimum number of courses as mentioned below, depending on her/his highest degree obtained:

Highest degree obtained	Minimum No. of courses to be registered	Credits
M.Tech./ M.E./M.Phil /equivalent degree	2	12
M.Sc/M.A./M.B.A./M.C.A /M.Com./equivalent degree	4	24
B.Tech./B.E.	6	36

In all the above cases, atleast 50% course must be relevant to the research scholar's research area.

In addition to the above courses, all research scholars must register a credit course in Essential English offered by the HSS department (HS712).

In each course, a student must obtain at least CC grade, otherwise she/he will have to repeat the course and has to obtain a CPI of at least 6.5. If a student obtains CC grade in all the subjects and hence fails to obtain minimum CPI 6.5 then she/he will have to register in additional courses which will be decided by DC of the student.

9.3 For students having M.Tech. degree from IITs/ IISc, coursework is not mandatory. For students having degree from reputed International Universities, the Chairperson DC may recommend relaxation in her/his course work. Such a request must be approved by the Chairperson, IAPC/ Senate. The DC may recommend such students to do some course work after due assessment. These research scholars must register in the essential English course offered by the HSS department – HS712.

9.4 Under normal circumstances, a student is required to complete all course work within one/two semesters, and registering for at least two courses in the first semester. The maximum possible time for completing the course is 3 semesters.

10. COMPREHENSIVE EXAM

10.1 To test the overall competence and academic preparation of a student in the PhD Programme, a Comprehensive Examination is held within 18 months for students with master's degrees and within 24 months for the students only with Bachelor degrees from the date of admission. The exam is conducted by the department and supervised by the DC, Chairperson.

10.2 Comprehensive Examination is held only after successful completion of course work.

10.3 In this exam, a candidate will be evaluated on the basis of oral exam only.

10.4 The date and syllabus of the Comprehensive Examination is informed to the student at least one month prior to the date of examination. The Chairperson, DC will coordinate the comprehensive exam of the PhD student.

10.5 A student failing in the Comprehensive Examination in the first attempt is given a second attempt not before one month and within six months from the date of the first attempt. If the student fails in the second attempt, she/he is not allowed to continue in the PhD programme.

10.6 All cases of failure in the Comprehensive Examination are reported to the IAPC/Senate.

11. REGISTRATION SEMINAR (RS)

11.1 Within six months of the successful completion of the Comprehensive Examination, a student presents a Registration Seminar (RS). The presentation is open to all. In this, she/he presents a short research proposal mentioning her/his research plan during the PhD programme. In addition, the candidate will present the main objectives of her/his research to the DC.

11.2 A student submits a write-up to the DC members at least one week before the date of the RS.

11.3 A report on the successful completion of the RS, is submitted by the DC to the Institute PhD Programme Coordinator who communicates the same to the Chairperson, IAPC/Senate.

11.4 Within a month, a student delivers another RS if the first RS is not satisfactory. If the student fails in the second attempt, she/he is not allowed to continue in the PhD programme.

11.5 All cases of unsatisfactory performance in the RS are reported to the IAPC/Senate.

12. FELLOWSHIP ENHANCEMENT

After two years (from the date of first registration in the PhD programme), the performance of regular and full time scholars (Institute fellows, 1.1 (a)) will be reviewed by a committee constituted by the Principal Supervisor. Based on the satisfactory performance of the candidate, the committee will recommend the enhancement of the fellowship as per office memorandum A.20020/11/97-IFD, Dated 31st March, 2010. The constitution of the review committee is as follows:

i. A faculty member other than the Supervisor(s) from the department: Chairperson

ii. Supervisor(s): Member(s)

iii. Two other faculty members of which one should preferably be from another department: Members

The above committee members may be different from the DC of the candidate. Recommendations made by this committee is conveyed by the departmental PhD coordinator to Chairperson IAPC / Senate through the Institute PhD Programme Coordinator.

13. PROGRESS REPORT

13.1 After the RS (clause 11), a student submits progress report half-yearly to the DC for evaluation of

research activity. The Chairperson, DC schedules a meeting where the student presents her/his progress report. All such presentations are open to all. However, the DC may schedule more such meetings depending on the progress of the student.

13.2 The DC reviews the progress and submits a report to the Institute PhD Programme Coordinator through Department PhD Programme Coordinator after every such review. The Institute PhD Programme Coordinator may convey these reports to Chairperson IAPC/Senate.

13.3 Based on needs, the DC may fix a minimum number of working days (up to fifteen) twice a year for a student in part-time category to be present in IIT Patna for her/his research work.

14. LEAVE RULES

14.1 Ordinary Leave

A full-time PhD student is eligible for 30 days leave for every completed year (calculated in terms of two consecutive semesters, from the time of her/his joining the programme) Saturdays, Sundays or holidays during the leave period are counted towards leave, except for prefixed or suffixed holidays. Of the 30 days leave, a maximum of 15 days of leave is permitted in a semester. However, a maximum of 5 days of such leave is allowed to avail at a stretch if student having any teaching assignment. However, a student can accumulate leave, and avail a maximum of 30 days leave at a time in a year. Chairperson, DC sanctions leave on recommendation of the Supervisor(s).

14.2 Maternity/Paternity Leave

A student is eligible for maternity leave (as per Government of India rules) or 15 days of paternity leave as applicable only once during the PhD Programme. The Chairperson, DC sanctions maternity/paternity leave on recommendation of the Supervisor(s) and submission of a certificate from Senior Medical Officer /Medical Officer of the Institute.

14.3 Academic leave

Academic leave is permitted on the following grounds:

14.3.1 To attend conferences/seminars/workshops/trainings/short-term courses. A maximum of 15 days of leave is permissible in a calendar year with approval of respective Supervisor(s).

A maximum of 30 days of leave in a calendar year is permissible for field trips such as data collection, survey work, etc. The Chairperson, DC sanctions such academic leave on recommendation of the Supervisor(s).

Academic leave exceeding 30 days but up to a maximum of 60 days in a calendar year is approved by the Chairperson, DC (of the concerned student) on recommendation of the Supervisor(s).

14.3.2 Academic leave of more than 60 days but up to a maximum of 12 months is also permissible to carry out part of the research in another institute/R&D Lab/industry in India or abroad. For sanction of such a leave, a letter of consent from the host institute is required. This leave is permissible only after the student has passed the comprehensive examination and Registration Seminar.

On recommendations of the Supervisor(s), the doctoral committee (DC), the Chairperson IAPC/Senate, approves such an academic leave. Such cases are also to be reported to the IAPC/Senate. A student granted academic leave for one or more semesters, pays prescribed fees in every semester.

If a registration date falls during the period of academic leave, a student completes the registration procedures at the expiry of her/his academic leave.

15. ENROLMENT

15.1 Students of all categories will have to enroll in person every semester on the stipulated date till the submission of their theses.

15.2 They are required to pay the prescribed fees till the submission of their theses within stipulated dates.

15.3 A student may be exempted from the prescribed fees for the last semester if he submits thesis within 30 days from beginning of the semester.

15.4 Semester drop: Up to two semesters may be dropped in the entire duration of the PhD Programme, on bonafide grounds. Except on medical grounds, semester drop is not permissible before successful completion of Comprehensive Examination by a student. On recommendation of the Supervisor(s), Chairperson, DC and Chairperson, IAPC/Senate approves a semester drop. Cases of semester drop are reported to the IAPC/Senate. No assistantship is provided during the period of a semester drop. The period of semester drop is not counted in the prescribed time limit for completion of the PhD Programme.

16. RELIEF FROM PHD PROGRAMME TO TAKE UP JOB

PhD Scholars who got a job offer can change her/his status to employed and part time category, while keeping their registration alive on payment of the requisite fees every semester and furnishing a No Objection Certificate (NOC) from their respective employer, on the following condition:

Scholars who take up jobs will be relieved on their request, based on the recommendations of Doctoral Committee, if they have completed their:

- (a) Course Work,
- (b) Comprehensive Examination,
- (c) Registration Seminar.

17. CONDUCT AND DISCIPLINE

17.1 Regulations for Conduct and Discipline are common for all students of IIT Patna, and these are the same as that prescribed in the B.Tech. ordinances.

17.2 In addition, unauthorized absence for more than one month leads to disciplinary action, in the form of reduction of assistantship or even termination of studentship.

17.3 All research scholars in IIT Patna should abide by the Intellectual Property Rights and will not violate such rights.

18. CANCELLATION OF STUDENTSHIP

The PhD studentship is liable to be cancelled for any of the following reasons:

- i.** Giving false information at the time of application/admission.
- ii.** Not conforming to the regulations of the programme.
- iii.** Failure in completing coursework requirement.
- iv.** Failure in Comprehensive Examination.

- v. Failure in Registration Seminar.
- vi. Consistent lack of progress in research.
- vii. Violation of discipline and conduct rules of the Institute.
- viii. Not submitting a thesis within the stipulated period.
- ix. Not enrolling for a semester within stipulated dates.

19. DURATION OF PhD PROGRAMME

The duration of the PhD programme is as follows:

19.1 The minimum duration of the PhD Programme (excluding dropped semester(s)/maternity leave) is four semesters for scholars having M.Tech./M.E./M.S./M.Phil. and six semesters for other degrees.

19.2 PhD students registered in Employed and Part time category, the minimum residential requirement is one or two semester(s) depending on the completion of mandatory course work required for PhD students by the respective departments.

19.3 The maximum duration of the PhD programme (excluding dropped semester(s)/maternity leave) is 6 years from the date of admission for a full-time student and 7 years for a part-time student.

20. SYNOPSIS OF THESIS

20.1 Prior to the submission of the thesis, a student submits the synopsis of thesis to all the members of the DC, only if she/he has published atleast one paper in peer reviewed journal. The research scholar should submit both hard and electronic version of the synopsis written in the prescribed format of IIT Patna to Institute PhD Programme Coordinator (IPPC). The synopsis contains outline of the research contained in the thesis.

20.2 The student makes a presentation of her/his thesis work before the DC in an open seminar (named as Synopsis Seminar). The synopsis is submitted one week before the Synopsis Seminar date to all members of DC. If the DC approves the synopsis, the Principal Supervisor sends the synopsis and the report of the Synopsis Seminar (through the Departmental PhD Programme Coordinator) to the Chairperson, IAPC/Senate and the Chairperson, DC.

20.3 If a student fails to submit the thesis within two months from the date of the Synopsis Seminar, she /he shall present another Synopsis seminar. Her/his synopsis has to be approved by the DC and sent to the Chairperson, IAPC/Senate.

21. PANEL OF EXAMINERS

21.1 Two external experts – one from India and the other from abroad, examine a thesis

21.2 At least fifteen days prior to the submission of the thesis, the DC submits to the IPPC a panel of ten examiners, five each from India and abroad. The IPPC forwards it to the Chairperson of IAPC/Senate for approval.

21.3 The list of examiners remains confidential with the office of the Chairperson, IAPC/Senate. The office of the Chairperson, IAPC/Senate makes all correspondence with the examiners.

22. SUBMISSION OF THESIS

Within two months of the acceptance of the synopsis by the DC, the student submits four (or five, if there are two Supervisors) copies of her/his thesis in prescribed format (soft binding) to the Academic Section along with no dues certificate.

23. THESIS REPORTS

23.1 Examiners are expected to send reports on the thesis within two months from the date of receipt of the thesis.

23.2 If both the thesis examiners recommend the thesis for award of the PhD degree, the Chairperson, IAPC/Senate approves the conduct of a Viva Voce. Corrections in the thesis, responses to comments of examiners are incorporated by the research scholar in consultation with the DC.

23.3 If an examiner suggests resubmission of the thesis, the student is allowed to resubmit the thesis after due revision within the time stipulated.

23.4 If one examiner recommends the thesis, and the other rejects, the report of the first examiner is sent to the second examiner and vice-versa. The examiners are requested to review their recommendations. If after this, there is one acceptance and one rejection, the matter is placed before the IAPC/Senate for their consideration.

23.5 If both the examiners do not recommend the thesis for the award, the reports are sent to the DC which can decide on one of the following based on their assessment.

23.5.1 If the DC is satisfied with the work already done and the contents of the thesis already submitted, it may request the Chairperson, IAPC/Senate that the thesis may be sent to another set of examiners. Such a request has to be recommended by the DC.

23.5.2 The DC may advise the student to augment the research and submit the synopsis again. If both the examiners do not recommend the thesis for the award for second time, the student is not awarded the degree and the registration is cancelled.

24. VIVA VOCE

24.1 In a Viva Voce, a student makes an oral presentation on her/his thesis. The presentation is open to all.

24.2 The following is the composition of the Viva Voce Board (VVB).

1. Chairperson of the DC: Chairperson
2. Supervisor(s): Member(s)
3. One examiner of the thesis within the country, or a specialist in the subject nominated by the Chairperson, IAPC/Senate, from the approved panel of examiners: Member
4. One faculty member of the Department with knowledge of the subject of the thesis: Member

The other members of the DC of the student will be invitees to the Oral Examination.

24.3 The VVB conducts the defense of the thesis by the candidate ensuring that she/he answers all the queries of the thesis examiners satisfactorily.

24.4 If the VVB finds the performance of the student unsatisfactory, the student will be asked to reappear for another oral examination at a later date (not earlier than a month and not later than six months from the date of the first oral examination).

24.5 If the VVB finds the performance of the student unsatisfactory on the second attempt also, then the matter will be referred to the IAPC/Senate for a decision.

24.6 The VVB may also recommend revisions to be made in the final version of the thesis after taking into consideration the suggestions of the examiners who evaluated the thesis and the discussion at the Viva Voce. The Chairperson of the VVB shall forward the report to the Chairperson, IAPC/Senate, certifying that the recommended revisions by the VVB, if any, have been incorporated in all copies of the thesis, for award of the degree.

25. AWARD OF PhD DEGREE

If the Viva Voce Board recommends award of the degree, a student will be awarded the PhD degree on the recommendation of the IAPC/Senate with the approval of the Board of Governors of the Institute.

26. OTHER MATTERS: LEGAL

26.1 All other cases, not covered by the above, shall be referred to the IAPC/Senate.

26.2 Any legal matter relating to Rules and Regulation under 1 - 25 shall be subjected to jurisdictions of Court(s) in Patna.

27. POWER TO MODIFY

Notwithstanding all that has been stated above, the IAPC/Senate has the right to modify any of the above regulations from time to time.

APPENDIX-I ELIGIBILITY CRITERIA FOR ADMISSION INTO PhD PROGRAMME

In all the disciplines, the upper **age limit is 28 years (B.Tech./B.E./M.Sc./MA/MCA/MBA) and 32 years (M.Tech./M.E./M.S./M.Phil.)** and is applicable only for candidates applying in Regular and Full time category. Upper age is relaxed upto 05 years in case of candidate belonging to Schedule Castes/Schedule Tribes, Women, Physically Handicapped and OBC applicants.

A.1 PhD in Engineering

For admission to the PhD Programme in Engineering department, a candidate must satisfy one of the following criteria:

A.1.1 Candidates having M.Tech./M.E. degree in a Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks.

A.1.2 Bachelor's degree in Engineering/Technology (from any Institute other than IITs) in a relevant area with a minimum CPI of 8.0 or 75% of marks.

A.1.3. Bachelor's degree from an Indian Institute of Technology (IIT) in a relevant area with a minimum CPI of 7.0.

A.1.4. Master's degree in Science in a relevant area with a minimum CPI of 7.5 or 70%.

A.2 PhD in Science

For admission to the PhD Programme in Science departments, a candidate must satisfy one of the following criteria:

A.2.1 M.Phil. or Master's degree in Science in a relevant area with a minimum CPI of 6.5 or 60% of marks.

A.2.2 Master's degree in Engineering/Technology in a relevant area with a minimum CPI of 6.5 or 60% of marks

A.2.3 Bachelor's degree in Engineering/Technology from an Indian Institute of Technology (IIT) in a relevant area with a minimum CPI of 7.0.

A.2.4 Bachelor's degree in a related area in Engineering/Technology (from any Institute other than IITs/IISc) in a relevant area with a minimum CPI of 8.0 or 75% of marks.

A.3 PhD in Humanities and Social Sciences

For admission to the PhD Programme in the department of Humanities and Social Sciences (HSS), a candidate must satisfy one of the following criteria:

A.3.1 M.Phil. or Master's degree in Arts/Commerce/Science in a relevant area with a minimum of 55% marks or equivalent.

A.3.2 Master's degree in Engineering/Technology/Design in a relevant area with a minimum CPI of 6.5 or 60% marks.

A.3.3 Bachelor's degree from an Indian Institute of Technology (IIT) in a relevant area with a minimum CPI of 7.0.

A.3.4 Bachelor's degree in Engineering/Technology (from any Institute other than IITs/IISc) in a relevant area with a minimum CPI of 7.5 or 80% marks.

A.4 MINIMUM EXPERIENCE FOR SPONSORED, SELF-FINANCED and PART-TIME CATEGORIES

A.4.1 Candidate in Sponsored and Part-time categories must be a regular employee of the sponsoring organization with at least one year of professional experience in the respective field.

A.4.2 Candidates in Self-financed category should have at least one year of professional experience in the respective field.

A.5 DIRECT ADMISSION:

A.5.1 The Institute may admit exceptionally bright student(s) in Regular and Full-time (Institute Fellows), who is one of the toppers in the last qualifying degree from a reputed Institute/University including but not limited to the IITs , IISc. Bangalore, IIM, NITIE, IISER, NIT, NISER. This is subject to the sole discretion of the Indian Institute of Technology, Patna. In addition, applicant in this category must have all throughout first class academic career.

A.5.2 Department PhD selection committee will scrutinize and will recommend application(s) to the Director, IIT Patna for approval.

A.5.3 Research scholars admitted as "Direct Admission" will get one month's time to select a faculty of IIT Patna as her/his research supervisor.

Form I (Sponsorship letter)

(This should be typed on the letter head of the sponsoring organization)

Reference No.

Date:

To,

The Director

Indian Institute of Technology Patna

Sub: Sponsoring an Employee for PhD Programme

Dear Sir,

We hereby sponsor the candidature of Mr./Ms./Mrs. _____ who is an employee in our organization, for joining PhD programme in _____ at your institute as a full-time student.

It is certified that she/he has completed 1(One) year of service in our organization/institute as a regular employee.

We shall relieve him/her from her/his duties in the organization during the first three years of the PhD programme.

Signature and Seal of the Sponsoring Authority

Form II No-Objection Certificate for IIT Patna's Project Staff

(This should be typed on the letterhead of the R&D Section of IIT Patna)

Reference No.

Date:

To,
The Director
Indian Institute of Technology Patna

Sub: No-Objection Certificate for IIT Patna's Project Staff

Dear Sir,

The R&D Section, of IIT Patna, has no objection if Mr./Ms./Mrs. _____ a project employee in the project _____ under _____ department, is admitted to the PhD programme in _____.

Principal Investigator of the concerned project has agreed to allow him/her to attend classes/research work during the PhD programme.

Signature and Seal of the Coordinator (SRIRU)

Form III No-Objection Certificate for Part-Time Students

(This should be typed on the letter head of the sponsoring organization)

Reference No.

Date:

To,
The Director
Indian Institute of Technology Patna

Sub: No-Objection Certificate

Dear Sir,
We have no objection if Mr./Ms./Mrs. _____ an employee in our organization, is admitted to the PhD programme in _____ at your institute as a PART-TIME student.

It is certified that she/he has completed one year of service in our organization/institute as a regular employee.

We shall grant him/her leave of absence to attend classes/research works at IIT Patna during the PhD programme.

Signature and Seal of the **Sponsoring Authority**