ORDINANCES GOVERNING

Ph.D PROGRAMMES

(Ph.D MANUAL)

Approved in 8th Senate Meeting held on August 06, 2024

भारतीय सूचना प्रौद्योगिकी संस्थान राँची

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RANCHI
(An Institution of National importance under an act of Parliament)
Ranchi, Jharkhand, India

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1. Preamble

Engineering and Technology is the backbone of the development of the society. Living, health and economic standards of the people of the society depend on the availability of advanced materials, devices and support service systems. These are made available by manufacturing and service industries. Engineering education requires expert knowledge and skills in respective branches of engineering, whereas Technology education requires broad based fundamental knowledge of both science and engineering with analytical and innovative skills. Quality Engineering education should inculcate broad foundation, depth of knowledge and expertise in subject of specialization, including skills (communication, technical, analytical and managerial etc.), humanism, social responsibility and business aptitude in students.

The goal of Ph.D in engineering, technology, sciences, humanities and social sciences is that the student; (i) learn the concepts and develop skills related to his/her discipline, (ii) have a broad base of engineering, humanities and science and (iii) builds character. Objectives and methodologies of education system run by organizations like IIIT's are diverse. To serve the objective of diversified class of students with different capabilities (mental, emotional and physical), the educational programmes should have sufficient flexibility both in terms of structure and duration. An attempt can be made by redefining the Ph.D programmes in terms of its academic units "course", session unit "semester" and research.

In educational program **Learning** is multifaceted process of building **knowledge, intellect** and **skills** through **teachings** from learned and knowledgeable persons (Teachers) and through **self- efforts** and **practices**. Learning cannot be assessed in the absolute scale. It can be assessed by defining the **Teaching and Learning Objectives** and by comparison. To categorize the levels of learning a suitable **grading system** is adopted. **Grading** is a process that identifies **learning in a course.** It guides and motivates students towards learning and determines the abilities (memory, analytic, mathematical, practical etc.) and effort of the students. **Grade** is a symbol that represents the degree to which students have met a set of well-defined teaching and learning objectives.

A set of compulsory and elective courses constitute a programme. Course, Semester and Programme are quantified in terms of credits. Credits are supposed to be earned by the candidate/students by perusing/ studying different courses in a semester and obtaining a Pass Grade. The courses are linked together so as to they form a unified body or structure of the programme. Implementation of educational programme depends on the structure and organization of semesters and their sequencing. Thus candidate/student accumulates the credits and is supposed to qualify for the award of a degree in respective programme whenever his/her accumulated credits and performance cross the minimum credit requirement and standard of respective Programme.

The programme has some **objective** i.e. the pursuance of the programme by a candidate will enhance his/her academic proficiency and skills in specified field of knowledge. **The people pursuing a programme become professionals.**

The provisions of these regulations shall also be applicable to any new discipline that will be introduced from time to time and added to the list of Academic Programme. Notwithstanding all that has been stated in the Regulations, Senate has the right to review and change the Regulations from time to time. Any doubt or dispute arising about the interpretation of the Regulations shall be referred to the Chairperson Senate whose decision shall be the final decision.

2. About the Institute

Indian Institute of Information Technology (IIIT) Ranchi is an autonomous institute setup by the MoE, Government of India, and Government of Jharkhand along with the industry partners TTL, TCS and CCL on a Public Private Partnership. The IIIT Ranchi is funded by Government of India (50%), Government of Jharkhand (35%) and Industry Partners (15%). The institute is expected to meet operating expenses from tuition fees, grants, sponsorships, consultancy, donations etc. Additionally, the Government of Jharkhand has lent support to the institute by granting land for setting up the Campus at Digital Valley campus (Kanke Block), Ranchi, Jharkhand. IIIT Ranchi is autonomous, not-for-profit, self-sustaining, teaching and research-led education Institution. The institute is managed by professionals from the area of academics and research, under the guidance of a Board of Governors of the Institute that has representatives of participating Industry partners, eminent academicians & researchers and representatives from Government. Currently, IIIT Ranchi is focusing on applied teaching, research and consultancy in IT and selected domain areas.

Institute Vision:

- Developing worldwide reach through effective engagement with academia, industry, government, and other pertinent stakeholders, to be recognized as India's best-in-class institute in emerging knowledge domains of Information Technology.
- To provide IIIT Ranchi community members with skills and motivation necessary to work wisely, imaginatively, and successfully for the advancement of humanity and society as a whole in the field of information technology.

Institute Mission:

- To follow an education pedagogy which trains students through rigorous coursework and thus its implementation in understanding the needs of society and industry as a whole.
- To foster an environment where innovative thinking, research, and scholarship may flourish and the future leaders and inventors can emerge.
- To use the talent we foster and the research we conduct to address issues that the country and the world are facing.
- To collaborate with other academic and research institutes around the world to strengthen the education and research ecosystem.

Institute Objective:

- The Institute is dedicated to creating, sharing, and preserving knowledge as well as cooperating with others to apply this knowledge to the major problems facing the world today. IIIT Ranchi is committed to giving its students a well-rounded education that blends demanding academic work with the thrill of exploration as well as the encouragement and intellectual stimulation of a varied campus community.

3. Definitions

In these regulations, unless there is anything repugnant in the subject or context
   a) **"Regulations"** shall mean, regulations framed under the Society Rules of Indian Institute of Information Technology Ranchi.
   b) **"Institute"** shall mean the Indian Institute of Information Technology Ranchi.
   c) **"Senate"** shall mean the Senate of the Institute.
   d) **"Exam Board"** shall mean the **Exam** Board of the Institute.
   e) **"Director"** shall mean the Director of the Institute.

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f) **"Chairperson"** shall mean the Chairperson of the Senate of the Institute.

g) **"Head"** shall mean the Head of the Department or Centre (in the Institute) under whose jurisdiction the candidate is working for the Degree.

h) **"Doctoral Scrutiny Committee"** (DSC) shall mean the committee to scrutinize the application for PhD registration, Progress Monitoring, Award etc. of a candidate.

4. Eligibility and Admission Categories

The Institute offers Doctor of Philosophy (Ph.D.) programme in Computer Science and Engineering, and Electronics and Communication Engineering. The Institute also offers Ph.D. programme in basic science subjects, which includes Mathematics, Physics and Humanities/ Social Sciences and Management. The programme offered in Computer Science & Engineering (CSE), Electronics & Communication Engineering (ECE), Mathematics, Physics and Humanities/Social Science and Management in two ways: Full Time and Part Time. The admission category for the Full-Time candidates are four different categories as follows:

- Full Time- Institute Research Scholar
- Sponsored Research Scholar
- Foreign Students Under Any International Scholarship Scheme / Exchange Programme
- Research Cum Teaching Fellowship

Admission Category for Part-Time Ph.D. Programmes is as follows:

For the Part Time Admission Category is only one:

- Part Time Sponsored Category

4.1 Qualifying Degrees for Full-Time (Institute Research Scholar) Ph.D

S. No.	Ph.D. Programme	Qualifying Degree
1.	Computer Science Engineering	M.Tech/M.E/MS or equivalent in Computer Science and Engineering / Information Technology/ Software Engineering or in an allied discipline/area with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale or equivalent in both Bachelor and Master degree. or B.E./B.Tech or equivalent in Computer Science and Engineering / Information Technology/ Software Engineering or in an allied discipline/area must have a minimum of 75% marks or 7.5 CPI (on a 10.0 point scale) at the Bachelor's degree level. Applicant with more than two years of professional experience, the minimum requirement shall be 70% marks or 7.0 CPI (on 10 point scale) at Bachelor degree.
2.	Electronics and Communication	M.Tech/M.E/MS or equivalent in Electronics Engineering/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation / Electronics and Electrical/ Electrical or in an allied discipline/area with a consistently good academic record in

	Engineering	relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale or equivalent in both Bachelor and Master degree. or B.E./B.Tech or equivalent in Electronics Engineering/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation / Electronics and Electrical/ Electrical or in an allied discipline/area must have a minimum of 75% marks or 7.5 CPI (on a 10.0 point scale) at the Bachelor's degree level. Applicant with more than two years of professional experience, the minimum requirement shall be 70% marks or 7.0 CPI (on 10 point scale) at Bachelor degree.
3.	Mathematics	Applicants with Master's degree in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 60% marks or 6.0 CPI (on a 10.0 point scale) at the Master's degree level. or Applicants with four year Bachelor's degree in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 75% marks or 7.5 CPI (on a 10.0 point scale) at the Bachelor's degree level. Applicant with more than two years of professional experience, the minimum requirement shall be 70% marks or 7.0 CPI (on 10 point scale) at Bachelor degree.
4.	Physics	Applicants with Master's degree in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 60% marks or 6.0 CPI (on a 10.0 point scale) at the Master's degree level or Applicants with four year Bachelor's degree in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 75% marks or 7.5 CPI (on a 10.0 point scale) at the Bachelor's degree level. Applicant with more than two years of professional experience, the minimum requirement shall be 70% marks or 7.0 CPI (on 10 point scale) at Bachelor degree.
5.	Humanities/ Social Sciences and Management	Applicants with Master's degree in relevant subject or allied subjects with a minimum CPI of 6.00 on a 10.0 point scale (or 60% marks) in the qualifying degree. or Applicants with Master's degree in Science or Master's degree in Arts/Commerce/any other relevant discipline or allied discipline/area with a minimum CPI of 6.00 on a 10.0 point scale (or 60% marks) in the qualifying degree. or Applicants with Bachelor's degree in Engineering or Sciences

		(4 Year program) with a minimum CPI of 7.50 on a 10.0 point scale (or 75% marks) in the Bachelor degree. Applicant with more than two years of professional experience, the minimum requirement shall be 70% marks or 7.0 CPI (on 10 point scale) at Bachelor degree.

Note: (1) The candidate having undergraduate degree in engineering from IITs / NITs /IIITs is eligible for admission in Ph.D. under PMRF or any other government funded scheme.
(2) All the applicants will be admitted only through the Institute's selection process. In general, the Institute can relax and/or set higher criteria for selection of suitable candidates.

4.2 Sponsored Research Scholar:

An applicant who joins Ph.D. at IIIT Ranchi under this category will not get any financial assistantship from the Institute.

Applicants should have qualified CSIR/ UGC/ DAE/ NBHM/ DST/ DBT/ ICAR/ ICMR/ ICPR or secured funding from such an agency. In addition to the above, the minimum educational qualification for admission is Master's degree with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale or equivalent) in both Bachelor and Master degree. An awardee of research fellowship from some recognized funding agency such as CSIR/ UGC/ DAE/NBHM/ DST/DBT/ ICAR/ ICMR/ ICPR etc. They shall not receive any financial support from the institute in any form.

<div align="center">or</div>

Student/candidate financed by the Government /Semi-Government/ academic/ industry / research lab. In addition to the above, the minimum educational qualification for admission is Master's degree with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale or equivalent) in both Bachelor and Master degree.

<div align="center">or</div>

Student/candidate nominated by Government of India/state under a Cultural Exchange Scholarship Programme, or a scholar admitted under an MOU. In addition to the above, the minimum educational qualification for admission is Master's degree with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale or equivalent) in both Bachelor and Master degree.

4.3 Foreign Students Under Any International Scholarship Scheme / Exchange Programme:

Foreign Nationals selected under various scholarship schemes of the Ministry, Government of India are considered for admission on the recommendation / sponsorship of the respective Ministry provided they fulfil the academic and other requirements. Such candidates should route their applications through the Ministry concerned. Self-financing foreign students may be considered for admission provided they fulfil the requirement of qualifying examination. Offers of admission to them will be issued with intimation to the Ministry of Education, Government of India. It will be the responsibility of the prospective foreign national student to ensure that he/she has the proper visa and other related documents.

4.4 Research Cum Teaching Fellowship:

Regular PhD seats are available with fellowship under the Research Cum Teaching Fellowship scheme in the Institute which will be notified at the time of PhD advertisement. Candidates opting for research cum teaching fellowship will have to opt this while filling the application form.

Minimum Qualification: Under Graduate (UG) and Post Graduate (PG) degree in relevant field with good academic record. Fellowship will be given after completing course work and recommendation of competent authority.

Responsibilities: To be accountable as researcher, helping the subject teacher in designing new experiments, conducting labs and teaching under supervision of faculty, supervising UG and PG projects (with a faculty member), evaluation process, etc. and any other similar task as may be assigned by the HOD/Deans/Associate Deans/Faculty In charge.

4.5 Qualifying Degrees for Part-Time Ph.D

S. No.	Ph.D. Programme	Qualifying Degree
1.	Computer Science Engineering	M.Tech/M.E/MS/BE/B.Tech or equivalent in Computer Science and Engineering / Information Technology/ Software Engineering or in an allied discipline/area with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale) or equivalent in qualifying degree with two or more years of experience in relevant field.
2.	Electronics and Communication Engineering	M.Tech/M.E/MS/BE/B.Tech or equivalent in Electronics Engineering/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation / Electronics and Electrical/ Electrical or in an allied discipline/area with a consistently good academic record in relevant discipline. The candidate should have first division or 60% marks or 6.0 CPI (on a 10.0 point scale) or equivalent in qualifying degree with two or more years of experience in relevant field.
3.	Mathematics	Applicants with Master's/Bachelor's degree (four years) in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 60% marks or 6.0 CPI (on a 10.0 point scale) or equivalent in qualifying degree with two or more years of experience in relevant field.
4.	Physics	Applicants with Master's/Bachelor's degree (four years) in Science/Engineering in the discipline concerned or in an allied discipline/area must have a minimum of 60% marks or 6.0 CPI (on a 10.0 point scale) or equivalent in qualifying degree with two or more years of experience in relevant field.
5.	Humanities/ Social Sciences and Management	Applicants with Master's in Science/ Arts/Commerce/any other relevant discipline/Bachelor's degree in Engineering or Sciences (04 Year program) in relevant subject or allied subjects with of 60% marks or 6.0 CPI (on a 10.0 point scale) or equivalent in qualifying degree with two or more years of experience in relevant field.

Requirements for Part Time Research Scholar:
    a) Applicant should be sponsored by his/her employer.
    b) Applicant must be a regular employee of the sponsoring organization.
    c) He /She will not receive any financial assistance/support from the Institute.
    d) A No Objection Certificate from the Head of the Institution/ Organization in which he/she is employed must be enclosed at the time of application.
    e) These candidates should be able to attend regular examination as per the schedule of the Institute.

Note: The eligibility and qualifying degree criteria for full time and part time PhD programmes will be updated time to time with the approval of the Chairperson, Senate. Reservations/relaxations will be applicable as per the government norms.

5. Institute Assistantship

a) The Institute may provide financial assistance in the form of teaching or research assistantship (referred to as Institute Assistantship) to full-time Ph. D. students who have qualified GATE or admission test conducted by IIIT Ranchi or any other national organization. Assistantships are awarded for a period of three years, extendable on a semester/yearly basis by recommendation of DSC. The maximum duration of scholarship will be five years from the date of registration.

b) The assistantship will be granted as decided by the institute norms with the approval of Chairperson, Senate.

c) A student is expected to devote up to **eight hours per week** towards teaching/laboratory assistantship assigned to him/her. A report per semester on the student's performance in the assistantship task will be provided by the concerned faculty to the student's supervisor.

d) If, Fulltime Research scholar will leave the institute before 02 Years/ 03 years if the candidate is having non-M. Tech, without any formal/valid reason, then he/she require to refund the total amount of scholarship to the institute.

6. Guidelines for Registration and Course Work

a) The application for registration will be submitted to the R&D/Academic section, who will forward it to the concerned guide. The guide/supervisor will propose the DSC, as given at (b) below, to the Chairperson, Senate for approval. The approved DSC will then scrutinize the application with respect to eligibility, qualification, synopsis and course(s) to be cleared, if any. Subsequent to registration, the file will be sent to the R&D/Academic Section for further action and record.

b) A Doctoral Scrutiny Committee (DSC) shall be approved by the Chairperson, Senate, on the recommendation of the Associate Dean (R&D)/Head of the Department, as proposed by the Supervisor(s).
    The constitution of the DSC shall be as follows:
        1. Senior Faculty Member of the Department with relevant expertise: **Chairperson**
        2. One of the faculty members of the Department : **Member**
        3. One Faculty member from sister Department : **Member**
        4. Guide/Supervisor(s): **Convenor**
    In case the Chairperson is the Guide/Supervisor, another faculty member from the Department will be a member of the DSC.

c) The DSC while recommending the registration shall specify the course(s) offered by the institute/Swayam/MOOCS/ certified course to be cleared by the candidate.

d) The credit requirements for course work of students having M.Tech/ME/MS/M.Sc./M.Phil or equivalent qualification, will be a minimum of **12 credits** and maximum of **18 credits**, recommended by supervisor and approved by DSC. The credit requirements for course work of students having B.Tech/BE/MCA or equivalent qualification, will be a minimum of **20 credits** and maximum of **28 credits**, recommended by supervisor and approved by DSC.

Course Component for M.Tech/ME/MS or equivalent (for Engineering) M.Sc./M.Phil or equivalent (for Sciences and Humanities)	Minimum Course Credits
Research Methodology & IPR	03
Departmental Courses (recommended by supervisor and approved by DSC)	09

Course Component for B.Tech/BE/MCA or equivalent	Minimum Course Credits
Research Methodology & IPR	03
Departmental Courses (recommended by supervisor and approved by DSC)	17

- Research Methodology & IPR is the compulsory course for the award of Ph.D. degree.
- In each of the course(s) to be cleared, the candidate will be required to obtain at least 5 in 10 grade scale and minimum overall CGPA of 6.0.
- If a student fails to obtain a minimum overall CGPA of 6.0, then the student will have to re-register for the courses as recommended by the supervisor and approved by the DSC
- A student will be eligible to appear in the supplementary examination in a subject if he/she had actually appeared/absent at the last end-semester examination in that subject and obtained the grade 'F'. The supplementary examinations shall he held on such dates as laid down in the Academic Calendar for the year or as notified separately.
- The student must complete the course work requirements in maximum four (04) semesters to avoid termination of academic program. Extension upto 6 months may be given on case to case basis decided by competent authority.

e) **Grading System for Ph.D. courses:**
   IIIT Ranchi follows grading system as given below:
   (i) O Grade for OUTSTANDING students.
   (ii) A Grade for VERY GOOD students.
   (iii) B Grade for GOOD Performance.
   (iv) C Grade for AVERAGE performance.
   (v) D Grade for SATISFACTORY students.
   (vi) P Grade for PASS performance.
   (vii) F stands for FAIL.
   (viii) ABS stands for ABSENT in the examination.

The above seven letter grades, their descriptions, and the numerical grade points on a 10 point scale (known as Grade Points) are given in the following table:

Grade	Description	Weight
O	Outstanding	10
A	Very Good	9
B	Good	8
C	Average	7
D	Satisfactory	6
P	Pass	5
F	Fail	0
F	Absent	0

Grade	Marks Description (Out of 100)
O	90 - 100
A	80 - 89
B	70 - 79
C	60 - 69
D	50 - 59
P	35 - 49
F	below 35

Semester Grade Point Average (SGPA)

The semester grade point average is the weighted average of the grade points earned by a student in all the courses credited and describes his/her performance in a semester. If the grade points associated with the letter grades awarded to a student are $g_1, g_2, g_3, g_4, \ldots \ldots g_n$ in all courses and the corresponding credits are $c_1, c_2, c_3, c_4, \ldots \ldots c_n$ the SGPA is given by:

$$SGPA = \frac{\sum_{i=1}^{n} c_i g_i}{\sum_{i=1}^{n} c_i}$$

Also, whenever a student is permitted to appear in a back paper, the new letter grade replaces the old letter grade in the computation of the SGPA

Cumulative Grade Point Average (CGPA)

The cumulative grade point average indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester. It is computed in the same manner as the CGPA considering all the courses say k, over all the previous semesters, and is given by:

$$CGPA = \frac{\sum_{i=1}^{k} c_i \, g_i}{\sum_{i=1}^{k} c_i}$$

When a student gets the grade 'F' in any subject during a semester, the SGPA and the CGPA from that semester onwards will be tentatively calculated, taking only 'zero point' for each such 'F' grade. After the 'F' grade(s) has/have been substituted by better grades during a subsequent semester, the SGPA and the CGPA of all the semesters, starting from the earliest semester in which the `F' grade has been updated, will he recomputed to take this change of grade into account.

Note: SGPA and CGPA should be corrected up to two decimal places

Conversion formula to obtain percentage from CGPA is as follows
Percentage = (CGPA) x 10.

Withholding of grades
The grades of a student may be withheld, if she/he has not paid the dues, or if there is a case of misconduct/ unfair means/ non-submission of semester feedback/ disciplinary action pending against her/ him, or for any other appropriate reason as per the directives of the Senate Chairperson.

Assessment of Performance:
There will be continuous assessment of a student's performance throughout the semester and grades will be awarded by the subject teacher/co-ordination committee -formed for this purpose.

Sub-component Weight
Teacher's Assessment (T.A.) 20 %
Mid-Semester Examination 30 %
End-Semester Examination 50 %
For assigning marks in Teacher's Assessment (T.A.) performance in home assignments, class tests, tutorials, viva-voce, attendance etc. are to be considered. At least two class tests are to be conducted for a subject. The weights of different subcomponents of T.A. are to be announced by the teacher at the beginning of the Semester.

f) The application for Registration as a full-time candidate for Ph.D. Degree of the Institute shall be made by the candidate in the prescribed format within **three** months of his/her joining the department.

7. Examination

The Academic Section of the Institute will centrally conduct the Mid-Semester and the End-Semester Examinations in respect of the theory component of the subjects unless otherwise permitted.

(i) A student will be issued an Admit Card/Identity Card for appearing in an examination, only if he/she has:

(a) Attendance record to the satisfaction of the teachers in the theory and laboratory classes and has completed the assignment works given.

(b) Paid all Institute and Hall dues of the semester.

(c) Not been debarred from appearing in the examination as a result of disciplinary proceedings.

(ii) A student may be debarred from appearing at the Mid-Semester or End-Semester Examination on the report of a teacher/chairman, co-ordination committee (Appendix I), if his/her

(a) Attendance at lecture/tutorial/laboratory classes has not been satisfactory during the period, and/or,

(b) Performance in the assignment works during the semester has not been satisfactory.

(iii) Class tests, mid-semester examination, assignment, tutorials, viva-voce, laboratory assignments, etc., are the constituent components of continuous assessment process, and a student must fulfill all these requirements as prescribed by the teacher/co-ordination committee of the subject. If due to any compelling reason (such as his/her illness, calamity in the family, etc.) a student fails to meet any of the requirements within/on the schedule date and time, the teacher/co-ordination committee in consultation with the concerned Head of the Department may take such steps (including conduction of compensatory tests/supplementary examinations) as are deemed fit.

(iv) Appearing in the end-semester examination in the theory component of a subject is compulsory for a student. If a student fails to appear in the end - semester examination, he/she will be assigned an 'F' grade in the subject and will be permitted to register in the summer quarter or appear at the supplementary examination for the subject as stipulated.

(v) However, if a student misses the end-semester examination due to a compelling reason like serious illness of himself/herself or a calamity in the family, he/she may appeal to the Dean/ Associate Dean, Students' Affair, through his/her Head of the Department for permitting himself/herself to register in the summer quarter or appear at the supplementary examination(s), as the case may be applied.

A sub-committee of the Postgraduate Program & Evaluation Committee (PGPEC) consisting of the following members may, after examining the documents and being convinced about the merit of the case, recommend permitting him/her to register in the summer quarter and/or appearing in the supplementary examination(s) with full credit condoning his/her absence:

(a) The Dean/ Associate Dean of Students Affairs – Chairman
(b) The Dean/ Associate Dean of Academic Affairs
(c) Head of the Departments
(d) The Institute Doctor or a Doctor recognized for the purpose by the Institute
(e) The Assistant/Deputy Registrar (Academic)/Examination In charge – Secretary

(vi) Students will be permitted to appear in the examination in only those subjects for which they have register at the beginning of the semester and have not been debarred.

(vii) The final grades awarded to the students in a subject must be submitted by the teacher/chairman, co-ordination committee, within seven days from the date of holding the examination to the concerned Head of the Department for onward transmission to the Assistant/Deputy Registrar (Academic)/Examination In charge.

(viii) Any change of grade of a student in a subject, consequent upon detection of any genuine error of omission and/or commission on part of the concerned teacher, must be approved by the Departmental PG Committee and must be forwarded by the teacher/chairman, co-ordination committee, through the Head of the concerned Department within 20 (twenty) days from the date of commencement of the next Semester.

(ix) For the benefit of and as a process of learning by the students, the scripts after correction of all class tests, mid-semester examinations, assignments etc. would be shown to the students within 4 weeks from the date of tests/examinations. The scripts of the end-semester examinations are to be shown within 15 days from the date commencement of the next semester.

(x) With a view to assist the students, who failed in one or more subjects in the autumn and/or spring semester in a year, a Summer Quarter will be conducted during the immediately following summer vacation for making up their deficiency and improve the performance. The regulations for running the Summer Quarter are given in Appendix II.

(xi) Summer Quarter will be conducted only if 5 or more students will register in the particular course. Otherwise, supplementary examination will be conducted.

(xii) In order to provide an additional opportunity to the students who failed (obtained an 'F grade) in one or more subjects due to not being able to source higher than the cut-off marks in the theory components in either the autumn and/or the spring semester in a year, Supplementary Examinations equivalent to the end-semester examination arranged centrally by the Academic Section, will be conducted in the month of July (before commencement of the next session) every year. Regulations relating to the Supplementary Examination are given in Appendix III.

(xiii) The PGPEC (Post graduate program evaluation committee) has been constituted for the evaluation and recommendation of results with the following members:

    (a) Registrar- Chairperson
    (b) The Dean/ Associate Dean (Academics)
    (c) The Dean/ Associate Dean (Research & Development)
    (d) Head of the all Departments
    (e) Examination coordinator- Convener

Guidelines for Unfair Means during Examination
UNFAIR MEANS
No candidate shall use unfair means or indulge in disorderly conduct at or in connection with examinations.

Here "Candidate" means an examinee taking an examination. Examination means any examination, midterm, end term, quizzes, practical which are considered as part of assessment/evaluation by the instructor while awarding grades in a subject.

Unfair means shall include the following:

1. During examination time having in possession or access to:

(a) Any paper, book, note or any other unauthorized material which has relevance to the syllabus of the examination paper concerned.

(b) Mobile Phones or any electronic gadget other than calculator, even in switch off mode, which can potentially be used for communication or copying.

(c) Anything written on any other instrument or any kind of furniture or any other substance which may have relevance to the syllabus of the examination paper concerned.

(d) Anything written or signs made on the body of the candidate or his/her clothes/garments, handkerchief etc. which may have relevance to the syllabus of the examination paper concerned.

(e) Anything written on the question paper which may have relevance to the syllabus of the examination paper concerned.

2. Giving or receiving assistance in answering the question papers to or from any other candidate/person in the examination hall or outside during the examination hours.

3. Talking to another candidate or any unauthorized person inside or outside the examination room during the examination hours without the permission of the invigilating staff.

4. Swallowing or attempting to swallow or destroying or attempting to destroy a note or paper or any other material.

5. Impersonating any candidate or getting impersonated by any person for taking the examination.

Detailed rules regarding Punishment are given in Appendix IV.

Punishment:

A candidate found using unfair means or involved in disorderly conduct or disturbing other candidates, at or in connection with an examination shall be referred to **Examination/ /PGPEC/Disciplinary Committee**. The committee after consideration of the case as referred to it by the instructor/invigilator can award punishment. The punishment awarded by this committee will be in addition to the punishment that may have been already awarded by the course coordinator with one or more of the following:

1. Cancellation of the examination of the paper in respect of which he is found to have been guilty; and/or

2. Cancellation of the examination of the semester examination for which he was a candidate and/or debarring from examination for future semester(s).

3. Any other punishment deemed suitable by the committee.

8. General Guidelines

a) In each of the course(s) to be cleared, the candidate will be required to obtain at least **5 in 10 grade scale and minimum overall CGPA of 6.0.** If a candidate fails to obtain minimum Grade in any course within 02 years of stipulated period, the registration of the candidates will stand cancelled.

b) Within **02 years** of registration, candidate must clear a comprehensive viva conducted by DSC. Extension upto 6 months may be given on case to case basis decided by competent authority.

c) A Chair Professor / Emeritus Scientist / Emeritus Faculty / Adjunct Professor / Project Coordinator or of equivalent status associated with the Institute may be permitted to register a student for Ph.D. as a co-guide.

d) An external guide may be permitted for research scholars if so desired by the DSC, in keeping with the topic of research and the expertise and facilities available in the institution/laboratory outside IIIT Ranchi. An external guide from an organization, other than the organization where the candidate is employed, is also permissible for part-time Ph.D. registration.

e) For interdisciplinary/collaborative research work, two guides may be chosen with clear contribution of guide and co-guide. Joint guides may be permitted from the same department where the research topic is of interdisciplinary / intra-disciplinary nature and there is a clear-cut distinction between the research areas. The DSC should ensure the justification of guide and co-guide from the same Department based on the specific contribution required from the two faculty members.

f) The date of registration of Full Time/part-time Research Scholars may be accepted as date of joining in the Institute on the recommendations of DSC through guide.

g) A candidate may, if sufficient grounds exists, be permitted by the Chairperson, Senate to add or change his/her guide(s). Such applications for addition/change of guide(s) shall be submitted to the Chairperson, Senate through proper channel.

h) A candidate registered for Ph. D. Degree may submit his/her thesis for examination **after three years** from the date of registration in case of those having a M. Tech. or **after four years** in case of those having Bachelor's Degree in Engineering / Master's Degree in non-Engineering subjects after recommendation from DSC and approval of competent authority.

i) *In special cases a candidate may submit thesis after **two** years from the date of registration in case of those having a M. Tech. or after **three** years in case of those having Bachelor's Degree in Engineering / Master's Degree in non-Engineering subjects after strong recommendation from DSC and approval of competent authority.*

j) The general requirement for thesis submission is as follows:
     (i) 02 Publications in the SCI/SCIE journals
          or
     (ii) 01 Granted patent (Indian) and 01 journal/top rated international conference.
          or
     (iii) 02 Granted patents (Indian)

k) No candidate shall be permitted to remain registered for a period exceeding seven (07) years from the date of registration. However, if he/she want to continue Ph.D. after 7 years, he/she may apply for extension / re-registration with recommendation of DSC and approval of competent authority.

9. Leave Rules

a) A Ph. D student may take a maximum of **30 days** of personal leave (inclusive of medical) in an academic year (including winter break, mid- semester breaks and summer vacation) such that no more than 10 days of leave are taken during a semester. However, this 10-day cap will not be enforced when semesters are not in progress and during the summer term. Leave not availed in one academic year will not be carried over to the next academic year. If leave is taken along with one weekend (Saturday and Sunday), addition of weekend shall be allowed only as a prefix or suffix. If both prefix and suffix of weekends are taken along with leave, total period of absence will be counted towards leave period.

b) A student may be granted maternity/paternity leave for a period as per government policy. Leave up to 6 weeks can also be granted for miscarriage including medical termination of pregnancy, if supported by a proper medical certificate. Such leave can be combined with any other leave due and will not entail any loss of financial assistantship.

c) If a registered student is absent on sanctioned leave for a period of 4 weeks or more during a semester, DSC may decide to convert the leave to a semester leave without financial assistantship.

d) Absence without sanctioned leave will entail loss of financial assistantship for the period of absence, and may result in the termination of the student's programme on the recommendation of the DSC and approval of competent authority.

e) If a student falls ill while on the campus, the medical certificate must be obtained from the Institute's approved medical officer. If he/she falls ill outside the campus while on sanctioned leave, the medical certificate must be obtained from a registered medical practitioner.

10. Permission to Proceed for Academic Work outside Institute

In order to help-students broaden their horizons and enrich their cultural and academic experience, provision to proceed to other academic and research institutions in India or abroad as non-degree students is available. A Ph.D. student who clears comprehensive Seminar may proceed to another academic institution in India or abroad with prior permission of the DSC on the recommendation of the competent authority. However, he/she needs to get register each semester as per Institute norms.

11.Research Work and Thesis

1. (a) A Research Scholar registered for Ph. D. Degree shall be required to carry out research work under the guidance of a supervisor(s) approved by the Senate.

   (b) In case the guide of any candidate ceases to be the guide by virtue of retirement or on leave or otherwise, and there is no co-guide in the concerned department, the assignment of next guide shall be made by the Chairperson Senate on recommendation from DSC. However, no change of guide shall be necessary in case of absence of the guide from the Institute for less than a year provided that the candidate has worked under him/her for a year or more. In such cases, the DSC shall assign an acting supervisor during the period of absence of the guide. However, this may be done in consultation with the guide.

2. Conversion from Full Time Ph.D Programme to Part Time Ph.D Programme:

   Ph.D Scholars who got a job offer from government organization/PSUs or any justified reason recommended by DSC can change his/her status to 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. Scholars who take up jobs will be relieved on their request, based on the recommendations of DSC, if they have completed their:
   (a)Course Work
   (b)Comprehensive Examination
   (c)Minimum residency period of 02 years/ 03 years if the candidate is having non-M. Tech. qualification, from initial registration
   (d)Get the request endorsed by the supervisor(s) and the DSC.

   Such conversion, if approved by the Chairperson, Senate, will be subject to the following conditions:
   - The student must complete his/her thesis within maximum admissible years counted from the date of his/her first registration in the programme.
   - Provision of conversion from full-time to part-time category can be availed of only once by the student during his/her programme.
   - The status of the student will be reviewed by the supervisor and the DSC at least once every semester after the conversion, and his/her continuation on part-time category will be subject to his/her making satisfactory progress towards completing the Ph.D. thesis.

3. Temporary withdrawal/leaving the programme:
   - In case a student wishes to temporarily withdraw from her/his Ph.D. Programme, s/he may do so only after candidacy for reasons of ill health or other valid reasons, on the recommendation of DSC with payment of requisite fee.
   - The application for temporary withdrawal must be endorsed by the Ph.D. Supervisor(s) and the DSC.
   - Temporary withdrawal may be granted for up to one year (two semesters). Further extensions may be considered by the approval of Chairperson, Senate.
   - However, the maximum period of registration will remain unchanged.
   - The temporary withdrawal cannot be granted after synopsis presentation.

The period of temporary withdrawal will not be counted, when counting the number of semesters completed by the student in the programme. However, students will need to pay the semester fee during the period of temporary withdrawal.

4. (a) A Fulltime Research scholar has to submit a progress report within two weeks of completion of every **six-months** from the date registration through his/her internal guide(s) and DSC. At the end of each semester, the guide(s) shall arrange in consultation with DSC for a review of the progress of the scholar through a seminar. After having considered the progress report of the candidate, the DSC shall recommend one of the following:
    (i) Continuation of registration of the scholar.
    (ii) Termination of registration of the scholar.

    (b) Research scholar who could not submit his/her thesis within the maximum stipulated period (7 years) for submission of thesis, may be permitted by Senate to re-register on the same subject and may submit his/her thesis after one year of such re-registration. The period of re-registration shall be counted from the date of expiry of the earlier registration. If the candidate has fulfilled the course work and other related requirements during the earlier registration, he/she shall be exempted from same during the period of re-registration.

5. The thesis for the Ph. D. Degree shall:
    a) Be composed on the problem stated in the candidate's application.
    b) Embody the results of research work carried out by him/her.
    c) Show evidence that it is a piece of research work characterized either by the discovery of new facts or by an attempt at a fresh interpretation of known facts and theories.
    d) Show evidence of the candidate's capacity for originality, critical examination, and judgment.
    e) Be satisfactory in presentation so far as language, style and form are concerned. Every such thesis shall include a suitable abstract of the work presented.
    f) The plagiarism of **30 %** for self-authored paper and **10%** for others are allowed in thesis.

6. The candidate shall indicate clearly in his/her thesis:
    a) The source (journal, conference proceeding or online sources) from which referred information is taken.
    b) The extent to which he/she has availed himself / herself of the work of others and the portion of the thesis he/she claims to be original.
    c) Whether his/her research has been conducted independently or in collaboration with others.

7. The thesis shall carry a declaration from the candidate's guide(s) to the effect that-
    a) The subject matter of thesis is a record of work done by the candidate himself/herself under his/her/their guidance.
    b) The contents of the thesis did not form a basis for the award of any previous Degree to him/her (other than that of M.Tech.) or to the best of his/her/their knowledge, to any other person.
    c) A candidate with prior permission from the guide(s) may incorporate in his/her thesis the content of any work, which he/she may have done previously, but has to indicate the extent to which it has been incorporated. However, the guide must satisfy himself/herself that the work is done by the candidate, particularly when the research work is done in some other organization without an external guide.

12. Submission and Evaluation of the Thesis

The Supervisor(s), on the request of the candidate and after being satisfied with the pre-requisites, will request the Chairperson, DSC for a suitable date for pre-submission seminar.

12.1 Requisites for Pre-submission Seminar
1. The candidate must have:

    (i) 02 Publications in the SCI/SCIE journals

    or
    (ii) 01 Granted patent (Indian) and 01 journal/top rated international conference.

    or
    (iii) 02 Granted patents (Indian)

    Note: Communicated papers will **not b**e considered.
2. The first draft of the thesis and synopsis must be ready at the time of pre-submission seminar and one copy should be made available to the DSC.

12.2 Pre-submission Seminar
1. The candidate will be required to submit draft synopsis of the thesis (**5** copies) and give a pre-submission seminar on a date that shall be notified adequately in advance by the Supervisor(s) so as to enable interested Faculty members and students to attend the same.
2. The DSC shall assess the work of the candidate through the pre-submission seminar. The candidate will prepare the final synopsis of the thesis only if the DSC is satisfied about the quality of the research work.
3. The Chairperson, DSC shall forward a satisfactory pre-submission seminar report of DSC to the Examination Section, along with the proof of publication/acceptance of research papers.

    If the DSC is not satisfied about the pre-submission seminar, the candidate will be informed by DSC to give pre-submission seminar again on a separate date.

12.3 Submission of Synopsis and List of Examiners
1. The candidate through Supervisor(s) shall submit to the Associate Dean (R&D)/Examination Section, **a soft copy** (in PDF version) and **two hard copies** of the synopsis of the thesis, within **30 days** from the date of successful completion of pre-submission seminar. The synopsis should be typed on A4 size paper using one and half line spacing. The length of the synopsis should be between 10-12 pages including tables and figures.
    The Supervisor(s) should ensure that the literary presentation of the synopsis is of acceptable standard and the technical contents of the synopsis clearly spell out the research contribution that will be detailed in the Ph.D. thesis later.
2. The Supervisor(s) through proper channel shall submit a list of Examiners **(in closed envelop)** to the Associate Dean (R&D)/Examination Section, within **7 days** from the date of successful completion of pre-submission seminar. The list shall consist of name, designation, complete postal address, telephone numbers and e-mail address of **four foreign and six Indian** examiners from Universities / Industries / Research Institutes.

12.4 Submission of the Thesis
1. Candidate through Supervisor(s) should submit to the Associate Dean (R&D)/Examination Section **a soft copy** (in PDF) and **four soft bound** printed copies of the thesis written in the

prescribed format, within **60 days** from the date of successful completion of pre-submission seminar.

2. In case the synopsis and thesis are not submitted in the specified period, the candidate will be asked to present another pre-submission seminar.

3. The following are to be submitted along with the thesis:
   a) Certificate from the Research Supervisor(s) confirming that the thesis contains bonafide work carried out by the candidate and that the thesis does not contain any work, which has been previously submitted for the award of any degree.
   b) A certificate from the candidate countersigned by the Supervisor(s) stating that the thesis does not contain any classified information, or the requisite permission has been obtained from the concerned authority for using such information.
   c) Copyright form transferring all copyrights to the Institute.
   d) Certificate of the Examination Section that requisite courses, if any, have been cleared by the candidate.
   e) Cash receipt of Examination / Evaluation fee.

12.5 Selection of Examiners from the Panel of Examiners

From the list of examiners submitted, the Exam Board shall select examiners form the panel provided by the supervisor, separately for foreign and Indian examiners. The constitution of the Exam Board shall be as follows:

(a)	Director, IIIT Ranchi	: Chairperson, Senate
(b)	Associate Dean: R&D	: Convenor
(c)	HoD - ECE	: Member
(d)	HoD- CSE	: Member
(e)	Representative of Sciences/Humanities & Management	: Member
(f)	Supervisor may be called as special invitee	

- The Exam Board will evaluate the list of examiners submitted by supervisor as per Ph.D ordinance.
- The exam board will recommend the examiners list for Ph.D thesis evaluation.
- The Exam Board will evaluate/recommend the Ph.D thesis report of examiners recommended by DSC for final Viva-Voce examination/Seminar.

12.6 Evaluation of the thesis

1. The thesis would be sent for evaluation to **three external examiners** from the approved panel, out of which **one** would be from foreign University / Industry / Research Institute. The external examiners shall be preferably at the level of Associate Professor/Professor from the institute of repute.

2. Permission to conduct the Ph.D. viva voce examination would be granted on receipt of **favorable reports** from **any two** appointed examiners (Preferably one from foreign examiner) within 60 days from the receipt of report, subject to the approval of the Chairperson, **Exam** Board.

3. In case only one favorable report is received within the stipulated time, the thesis shall be sent to two more examiners from the approved panel. If reports from both the newly appointed examiners are not received within 60 days from the dispatch of the thesis, the matter will be referred to the competent authority for appropriate action.

4. If any **revision** of the thesis is suggested by the examiners to the satisfaction of the guide, the candidate shall be required to submit the revised thesis within a period of **two months** from

the date of intimation to the candidate. The Supervisor(s)/Guide(s) must give a compliance certificate to the effect that the required revisions have been incorporated.

5. If any revision of the thesis is suggested by the examiners and **request to re-evaluate thesis**, the candidate shall be required to submit the revised thesis within a period of **three months** from the date of intimation to the candidate. The Supervisor(s)/Guide(s) must give a compliance certificate to the effect that the required revisions have been incorporated.

6. If **two** of the reports are **unfavorable**, the thesis shall be sent to one more examiner from the approved panel. If reports from the newly appointed examiners is favorable the thesis will be sent to **Exam** board for consideration. If the report is un-favorable the thesis will be deemed rejected and will be communicated to the candidate and the Supervisor(s) by the academic section.

7. A thesis, which has been disapproved, may be permitted to be revised and resubmitted. In such cases all processes for evaluation of thesis shall be followed, and the external examiners shall be appointed by the **Exam** Board afresh.

8. Resubmission of thesis shall be permitted twice only.

13. Ph. D. Defense Seminar and Viva Voce Examination

1. After the thesis has been approved, the candidate shall be required to give a Ph.D. defense seminar on a pre-specified date notified by the Supervisor(s). The Ph.D. defense seminar will be followed by a viva voce examination conducted by the Examination Committee comprising of the members of DSC and one of the External Examiners.

2. Presence of at least three DSC members including one External Examiner from among the approved panel of examiners is essential during defense seminar and viva voce.

3. The external examiner could participate in the examination by means of video conferencing in case he/she is unable to be physically present for whatever reason(s).

4. In extraordinary situation, which will be recommended by DSC and permitted by the Chairperson, Exam Board, the candidate can defend his/her thesis through video conferencing.

5. The Ph.D. defense seminar and viva voce examination should be with reference to the thesis and concerned topics only.

6. The Ph.D. defense seminar and viva voce examination should be conducted in public. However, the attendees other than members of the examination committee will be permitted as observers only.

7. The Guide(s)/Supervisor(s) shall send a report of recommendations by the examination committee of the Ph. D. defense seminar and viva voce examination to the Examination Section.

8. After successful completion of Ph.D. defense seminar and viva voce, the candidate shall submit to the Examination Section, **two hardbound copies** and **one soft copy** (PDF version) of the thesis for official record.

14. Award of Ph. D. Degree

1. Based on the report of the Examination Committee, the Exam Board after being fully satisfied that the candidate is worthy of award of Degree of Ph. D. of the Institute, will recommend the candidate's name to be published for award of Ph. D. degree along with the title of the candidate's thesis and name of the Supervisor(s) / Guide(s).

2. A provisional certificate shall be issued from Examination Section after the results are declared with approval from the Competent authority.

3. An appropriate Degree under the seal of the Institute with the title of thesis shall be awarded to the successful candidate in the ensuing annual convocation.

15. Miscellaneous

1. Any doubt or dispute arising about the interpretation of the regulations shall be referred to the Chairperson, Senate whose decision shall be final.

2. If a candidate is likely to submit his/her thesis within two months after the due date of payment of tuition fees, he/she may apply for exemption of tuition fees for the next semester/year. It may be exempted after approval of competent authority.

3. Those candidates who have joined IIIT RANCHI as Project Fellow / Research Fellow under any research scheme/project can register for full-time Ph.D. after recommendation of project coordinator/ principal investigator. All the Ph.D. rules and regulations will be applicable to such candidates.

16. Delegation of Right to Modify PhD Regulations

Notwithstanding all that has been stated above, the right to modify the PhD regulations as and when required, is delegated to Chairperson, Senate. The modifications are to be ratified in the subsequent Senate meeting.

Appendix - I

CO-ORDINATION COMMITTEES FOR Ph.D. STUDENTS

One Co-ordination Committee would be constituted each subject taught more than one teacher of one or more Department Centers. Each Committee would consist of all the teachers who are involved with the teaching of the subject during the semester.

One of its members would be nominated by the Head of that Department, under whose name the subjectis being offered to act as its Chairman.

Tenure:

The semester in which the subject is being offered.

Functions:

i)   To lay down the course plan for the subject

ii)   To co-ordinate instructions and progress of teaching the subject and to ensure that the fullsyllabus is covered.

iii)   To review periodically the performance of students who have registered in the subject.

iv)   To forward the results of the examinations and the final grades obtained by each studenttaking the subject to the concerned Head of the Department.

v)   To moderate the question papers on the subject and ensure that the syllabus is well coveredby the question papers.

Frequency of Meetings:

Each Co-ordination Committee shall meet at least four times during the semester

RULES RELATING TO SUMMER QUARTERS

1. Introduction
- To enable the postgraduate students to make up deficiencies a Summer Quarter will be organized every year during the summer vacation. Summer Quarter shall, however, be offered only in the theory components of subjects.
- The students of Ph.D courses eligible to register for the Summer Quarter, if any is offered

2. Duration

- The duration of the Summer Quarter shall he seven weeks from around the middle of May till around the end of June. The exact dates for holding the Summer Quarter for a particular session shall be decided by the Senate every year while finalizing the Academic Calendar.
- The attendance requirement for the Summer Quarter shall be the same as for a regular semester. A student who does not satisfy the norms will not be allowed to appear at the examination.

3. Eligibility

- Only those students will be permitted to register themselves for a subject offered in the Summer Quarter who has cleared all Institute and Hall dues till date and have paid the necessary fees and Mess Advances for the Summer Quarter for which they are registering.
- A student will be eligible to register in a subject if he/she actually appeared at the last end- semester examination in that subject and obtained the grade 'F.
- A student, who could not appear at the end semester examination due to self—illness or calamity in the family, will also be eligible to register for the subjects concerned in the Summer Quarter if his/her attendance was satisfactory in the judgement of the teacher.
- No Supplementary Examination shall he held in a subject that is being offered in the Summer Quarter of the session unless extraordinary circumstances justify it.

4. Registration
- All students intending to join a Summer Quarter must register themselves for the subjects concerned on the day fixed for the purpose. No late registration shall be permitted on any ground.
- A prevalent Summer Quarter registration fee, as decided by the Institute from time to time shall have to be paid along with the application in a prescribed form.
- Registration of students for the Summer Quarter in a subject shall be done by the Faculty Adviser in the Department concerned under the supervision of the Head of the Department.
- The weekly lectures and tutorials of a subject taught in the Summer Quarter shall the twice the corresponding loading it carries during the normal semester. The credits allotted to it shall, however, remain the same.
- A student shall not be allowed to register for more than five subjects during a Summer

Quarter.

- Summer Quarter in a subject shall be offered only if at least 5 students register for that subject. If the required no. of student is less than 5, then student will be allowed to appear in supplementary examinations of particular subject.

5. Assessment
The teacher offering a particular subject during the Summer Quarter shall

- Take care of all aspects of the theory component of the subject, viz, lectures, tutorials, assignments etc.
- Conduct all class tests, mid - semester examination, end-semester examination viva-voce etc. the end - semester examinations may, however, be centrally arranged.
- Compute the grade as per rules laid down in Clauses. The contribution of the laboratory component, if there is any in the subject, ascertained in the original semester has to be used for computing the numeric marks out of 100.
- The grades awarded to the registered students must be sent to the Assistant/Deputy Registrar (Academic)/Examination In charge within 10 days from the date the examination was held.

Appendix III

RULES REGARDING SUPPLEMENTARY EXAMINATION

1. A student will be eligible to appear in the supplementary examination in a subject if he/she had actually appeared/absent at the last end-semester examination in that subject and obtained the grade 'F'.
2. A student will not be allowed to appear in more than 5 (five) subjects in the supplementary examinations.
3. Intending students must submit their application, countersigned by the teacher(s) of the subject(s)or the Head of the Department concerned, along with the necessary fees to the Assistant Registrar(Academic)/ by the date as announced by a notification.
4. The supplementary examinations shall he held on such dates as laid down in the Academic Calendar for the year or as notified separately.
5. The final grades awarded to the students must he sent to the Assistant/Deputy Registrar (Academic)/Examination In charge within 10 days from the date the supplementary examination was held.

RULES REGARDING CONDUCT AND DISCIPLINE

Code of Conduct

Each student shall conduct himself/herself in a manner befitting his/her association with an Institute of national importance. He/she is expected not to indulge in any activity which is likely to bring down the prestige of the Institute. He/She should also show due respect and courtesy to the teachers, administrators, officers and employees of the Institute, and good neighborly behaviour to fellow students. Due attention and courtesy are to be paid to visitors to the Institute and residents of the Campus. Lack of courtesy and decorum, unbecoming conduct (both within and outside the Institute), willful damage and/or removal of Institute property or belongings of fellow students, disturbing others in their studies, adoption of unfair means during examinations, breach of rules and regulations of the Institute, noisy and unseemly behaviour and similar other undesirable activities shall constitute violation of the Code of Conduct for students.

Ragging in any form is strictly prohibited and is considered a serious cognizable offence.

Disciplinary Actions and Related Matter

Violation of the Code of Conduct shall invite disciplinary action which may include punishment such as reprimand, disciplinary probation, fine, debarring from examinations, debarring from prizes and medals, withdrawal of scholarship and/or placement services, withholding of grades and/or degrees, cancellation of registration and even expulsion from the Institute.

The convener of a course shall have the power to debar a student from the examination in which he/she is detected to be using unfair means. The teacher/tutor shall have the power to take appropriate action against a student who misbehaves in his/her class. All such cases are also being reported to the appropriate committees. The Warden-in-Charge of a hostel has the power to reprimand, impose fine or take any other suitable measure against a resident who violates either the Code of Conduct or rules and regulations pertaining to the hostels. Involvement of a student in ragging may lead to his/her expulsion from the Institute.

The Senate Student Affairs Committee (S-SAC)/Disciplinary Committee investigates alleged misdemeanors, complaints, etc and recommends a suitable course of action. Violation of the Code of Conduct by an individual or of a group of students can be referred to this committee by a student, teacher or other functionary of the Institute. The Committee shall recommend appropriate measures in each case to the Chairperson of the Senate for awarding the punishment. Further, in very exceptional circumstances, the Chairperson, Senate may appoint a special committee to investigate and/or recommend appropriate action for any act of gross indiscipline involving an individual or a number of students, which, in his/her view, may tarnish the image of the Institute. The recommendation for any action, including expulsion of a student from the Institute, shall be referred to the Senate for its final decision. A student who feels aggrieved with the punishment awarded may,

however, appeal to the Chairperson, Senate stating clearly the case and explaining his/her position, and seeking reconsideration of the decision.

Malpractice/ Unfair Means

Cases of adoption of unfair means in an examination shall be dealt with by the committee on Examination Malpractice consisting of the following members
1. Professor -in -Charge of Examination- Chairperson
2. Head of the Department to which the reported student belongs - Member
3. The invigilator reporting the case and another invigilator/s -Member
5. The Paper-setter concerned -Member
6. Members of Postgraduate Program & Evaluation Committee

The Committee shall recommend appropriate measures in each case to the Chairperson of the Senate for awarding the punishment.

List of penalties for common types of cases under UFM:

Category of offence	Offence (s)	Penalty
A	Recovered material not related to the subject or found writing something on the question paper,	Issue of warning not to repeat the same and a fine may be imposed as decided by the competent authority on case to case basis.
B	Relevant material written by the candidate on any part of body, wall, door of the room, table/ desk, other devices used by the candidate. OR Recovered matter related to the subject found on person of the candidate whether used or not used for writing answer(s) OR The candidate is copying from copy of other candidate and/or helping others to copy OR Carrying-electronic gadgets in the examination hall which are not explicitly allowed OR Candidate is caught with a material which he/she has chewed or swallowed or torn into pieces and	Award of F grade in the concerned paper of current examination.

	the candidate refuses to sign the documents.	
C	Manhandling with staff on duty or creating disturbance in the examination hall/center. OR Replacement of Answer Sheet, exchange of Answer Sheet with other students, addition of extra pages in the Answer Sheet, smuggling of Answer Sheet/pages,	Award of F grade in all the subjects in the current examination.
D	Carrying the answer sheet away from the examination hall. OR Impersonation	Award of F grade in all the subjects in the current examination and debarring for immediate next semester from academic activities. The period for which the student is debarred, would be considered for calculating the maximum stipulated time (four years) for completing the program.
E	Two times indulgence in UFM as per category B, C and D above.	Award of F grade in all the subjects in the current examination and debarring for immediate next semester from academic activities and considered for calculating the Maximum stipulated time (four years) for completing the program.
F	More than two times indulgence in UFM as per category B, C and D above.	Award of F grade in all the Subjects in the current examination and debarring from the Institute for a period of one and a half years considered for calculating the Maximum stipulated time (four years) for completing the program

Note: In case of entering in the Examination Hall with mobile phone or any other electronic gadgets or keeping it surrounding the area of Examination Hall (even in Washroom) it will be seized and as a fine an amount of Rs. 5000/- will be charged. The mobile phone and the electronic gadget will be returned to the student/scholar only after depositing the fine.

The Senate may or may not recommend a student, who is found guilty of some major offence, to the Board of Governors for the award of a degree even if he/she has satisfactorily completed all the academic requirements.

DPF-01

ADMISSION FORM

CANDIDATE'S DETAILS:

PHOTO
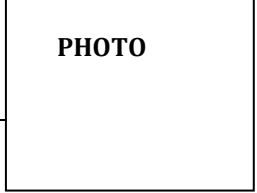
Full Name (English Capitals): _____

Full Name (Hindi) : _____

Aadhaar No: _____

GATE/NET Score: _____ Qualifying Year : _____ Semester: _____

Category: _____ Sub-Category: _____ Batch : _____

E-mail ID : _____

Date of Birth : _____ Place of Birth : _____ Marital Status: _____

Religion : _____ Nationality : _____

Mother Tongue : _____ Blood Group : _____

Father's Name : _____ Occupation : _____

Mother's Name : _____ Occupation : _____

Identification Mark : _____

Sex : Male / Female   Height (in cm): _____   Weight (in Kg) : _____

ADDRESS FOR COMMUNICATION   **PERMANENT ADDRESS**

_____   _____

_____   _____

_____   _____

_____   _____

City : _____   City : _____

Phone No. (Land line) _____   Phone No. (Land line) _____

Mobile No. _____   Mobile No. _____

Nearest Bus Station : _____   Nearest Bus Station : _____

Nearest Railway Station : _____   Nearest Railway Station : _____

DEMAND DRAFT DETAILS :

Sl.No	Transaction ID No.	Amount	Date	Name of the Bank

I hereby declare that the information given above is true to the best of my knowledge.

Date

Place : _____   Signature of candidate

DOCUMENTS VERIFICATION DETAILS :

The candidates must bring the following documents/certificates in original along with 1 set of their photocopies

Sl. No.	Details of Documents (Original)	Verified	Remarks if any
01.	GATE/NET/JAM Score Card as applicable	YES / NO	
02.	High School (Class – X) Certificate as proof ofage	YES / NO	
03.	12th Pass Certificate / Mark sheet	YES / NO	
04.	Marks Card of B. Tech. and M. Tech.	YES / NO	
05.	College Leaving Certificate (last attended)	YES / NO	
06.	Migration Certificate	YES / NO	
07.	Character Certificate from the Institution lastattended	YES / NO	
08.	Passport size photograph – 4 Nos.	YES / NO	
09.	Category Certificate SC/ST/PWD/OBC/EWS Category certificate issued not below the rank ofSDO. EWS/OBC-Non-creamy layer certificate issued on or after the 1st April of the current Year not below the rank of SDO.	YES / NO	
10.	Candidates selected in External PRS category arerequired to furnish NOC from employer statingthat they have been granted permission to pursue Ph.D. programme at IIIT Ranchi and leave possibly for one year to attend course work towards Ph.D. as per rules.	YES / NO	
11	Copy of Aadhaar Card	YES / NO	

UNDERTAKINGS: (i)_____(ii)_____

Signature of Verifying Officer

Admitted / Not Admitted

Associate Dean (Research & Development)

FOR OFFICE USE ONLY

Registration No.   : _____

Roll No.   :_____

Branch / Section   : _____

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RANCHI
भारतीय सूचना प्रौद्योगिकी संस्थान राँची
(An Institution of National Importance under MoE, Govt. of India)

DPF-02

SIUPERVISOR SELECTION [Ph.D.]

Name (In capital letters)	:
Roll. No.	:
Type of Registration	: INSTITUTE SCHOLARSHIP/NON STIPENDARY / FACULTY / STAFF / OTHERS
Department	:
Broad area of research	:

Sr. No.	Area of Interest

Signature of scholar

Guide Allotted:
1.
2.

Date:_____   Head of the Department   Associate Dean
Research & Development

DPF-03

FORMATION OF DSC

Name of Student:………………………………… Reg No:……………………

Department:…………………………………………………………………………

Date of First Registration:……………….............…

Area of Research:…………………………………………………………………………

Supervisor(s):……………………………………………………………………………

Sl. No.	Name of Members	Designation	Department
1.			
2.			
3.			
4.			
5.			
6.			

Proposed by: **Forwarded by Supervisor(s)**

Recommended and Approved by: **Associate Dean**
                                   (Research & Development)

DPF-04

ALLOTMENT OF COURSE WORK

Name of Student:…………………………………   Reg No:……………………

Department:………………………………………………………………………

Date of First Registration:……………...............…

Area of Research:…………………………………………………………………

Category of Stydent: …………………………………………………………

Supervisor(s):………………………………………………………………….

Details of the Course Work:

Sl. No.	Course Name with code	Credit	Department	Course Faculty
1.				
2.				
3.				
4.				
5.				
6.				

Proposed by: **Supervisor(s)**

Forwarded by: **DSC Chairman**

Recommended by: **DSC Member(s)**

Approved by: **Associate Dean (Research & Development)**

DPF- 05

REGISTRATION FORM

Details of fee deposited:
(Attach photocopy of fee receipt with
Associate Dean'scopy)

Date of
Registration:…………………………..

| Amount (Rs.):………...………. | Receipt No.:…………………... | Date:…………… |

Department:
……………………………………………………………………………….

Semester:…………… Course: Ph. D.   Registration No……………

1. Name   :……………………………………………………………..
2. Mobile No.   : ……………………………………………………………..
3. Roll. No.   : ……………………………………………………………..
4. Date of Birth : ……………………………………………………………..
5. Father's / Local
   Guardian's
   Name and Address :………………………………………………………….
   (with telephone
   No.)   ……………………………………………………………..

6. Subject to be registered:

Sr. No.	Subject Code	Subject	L-T-P	Credit
Backlog if any:	(1)……………………………	(……...............Sem)	………………Credit
	(2)……………………………	(…….................Sem)	Total Credits:………

Signature   Signature
(Student)   Associate Dean (Research & Development)

DPF-06

SEMESTER REGISTRATION

Name of Candidate:………………………………… **Registration No**:…………

Department:……………………………………………………………

Date of First Registration:……………….................……

Supervisor(s):……………………………………………………………

No. of Courses Completed: **Total Credits: (a) Attempted**
                                                                    (b) Earned

Comprehensive Examination Passed: Yes/No/Not Applicable

Date of Comprehensive Examination:…………………………………………

Date of Registration Seminar:……………………………………………………

Date of Presentation:…………………………………………..**Semester:**………

Research paper(s) Published/ Presented during the period (Use separate sheet, if needed)

Percentage of research work completed :(as per student assessment)

(Signature of the Student)

Progress of the Candidate is satisfactory: Yes/No

Supervisor(s)   **Member of DSC**

Forwarded by: **Head of Department**

Recommended by the Head of Department

- The Candidate has to submit the progress report of the semester in one-page approved by the supervisor(s).
- The candidate will prepare the presentation (power point) and will give seminar before a committee constituted by the Head of the Department.
- The presentation to assess the progress of the candidate is to be preferably made at the end of semester (May-June/Nov.-Dec), but in any case one week before the date of registration.

Half Yearly Progress Report
(Full-Time/ Part-Time Ph.D. Students)

DPF-07

Assessment Period: From ………… To ……………….

1	Name [in capital letters]	
2	Current Status (Full-Time/ Part-Time)	
3	Department	
4	Recommendation for Continuation of Fellowship	
	If applicable, Amount (Rs.)	
	Extension of Registration	
5	Source of fellowship [Institute/sponsored/Not Applicable] :	
6	Registration No with date of registration :	
7	Name of Supervisor (s) :	
8	Title of the Research Thesis :	
9	Books / Journals consulted: [If more space required, please attach a separate sheet]	
	(i) At IIIT Ranchi	
	(ii) Other Places	
10	Laboratory work done (If more space required, please attach a separate sheet)	
	(i) At IIIT Ranchi	
	(ii) At other places	
11	Field work done, if any:	
12	Courses attended and examination passed:	
13	Labs taken/other Academic work done:	
14	Seminar Presented / attended :	
15	Research Paper(s) Published/Presented (Use Separate Sheet, if needed)	
16	Leave taken during the period:	
17	Whether writing of thesis commenced :	
18	Percentage of research work completed: (as per assessment)	
19	Details of Current Year / Semester Fee Payment	
20	Any other particulars that you may like to report.	

Date :   Signature of the Candidate

The progress of research of ……………… during the period under review has been *not satisfactory/ satisfactory/good/very good/excellent*.

 Date :   Signature of Supervisor

DSC Recommendation:
Recommendation with suggestions (if any) to be communicated to the candidate*

    Supervisor   Member   Member   Chairperson

Note: Copy of the report along with enclosures to be submitted to the Head of the Department, Supervisor(s), Associate Dean (Academics) and Associate Dean (R&D).

Comprehensive Examination Report

DPF-08

1.	Name of Research Scholar					
2.	Admission No.			Date of joining of Ph.D Scholar		
3.	Registration Status of the Ph.D Scholar (Put √ Mark)	Full-Time			Part-Time	
4.	Department			Branch (if any)		
5.	Qualifying Degree during Ph.D Admission					
	Was PG Degree in the relevant field? (Put √ Mark)	Yes		No	Not Applicable	
6.	Date of Comprehensive Examination					
7.	Mode of Comprehensive Examination	Written		Oral		Both

Written part of the Comprehensive Examination is optional and the decision is left to the DSCs. However, the Oral examination will be mandatory. If any department decides to conduct the written examination, they should conduct the examination for all the students of the department. The decision of the department to conduct a written examination should be communicated to the Associate Dean (R&D) in advance.

8. List of Courses suggested by the DSC and cleared by scholar:

Course Code	Course Name	Course Credit	Grade

9. Eligibility Criteria:

Completed the assigned courses (Put √ Mark)	Yes		No
Total Course Credit Earned		Current CGPA	

10. Result of Comprehensive Examination: **SATISFACTORY / UNSATISFACTORY**
    Signature of DSC Members present in the Comprehensive Examination:

Recommendation with suggestions (if any) to be communicated to the candidate*.
Supervisor   Member   Member   Chairperson

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Verified the Qualifying Degree for scholar for admission in the Ph.D program	☐ Yes	☐ No
Verified the Course Credits earned by scholar	☐ Yes	☐ No
Verified the CGPA	☐ Yes	☐ No
Observations, if any		

Dealing Assistant

Head of the Department   **Associate Dean (Academics)**   **Associate Dean (R&D)**

STIPEND/FELLOWSHIP ENHANCEMENT SEMINAR

DPF-09

Guidelines for enhancement of scholarship after 24 months

1. Name of the Research Scholar   :
2. Registration No/ID No.   :
3. Department to which the student is registered   :
4. Date of Enrolment/ Admission   :
5. Name of the Supervisor   :
6. Name of Co-Supervisor (If any)   :
7. Title of Ph.D. Topic registered(Y/N)   : if yes
8. Date of Ph.D. Registration Seminar   :

9. Comprehensive Examination Passed: Yes/No/Not Applicable   Date:

Note: A candidate may be recommended for enhancement of scholarship after 24months by the DSC on the basis of seminar to an open audience.

10. Number of weeks/ months needed to submit Ph. D. work   :
11. Publications/patents from his Ph. D work till date   :
    (Attach copy of patent/paper)
➢ Number of patents filed along with details _____
➢ Number of research article accepted in indexed journal_____
    (Engineering/Science and HumaIIITies)
➢ Number of research article accepted/published in SCI/SCI extended_____
➢ Number of research article accepted/published in Scopus index journal_____
➢ Number of research article accepted/published in national/international conference____

Date: (Signature of the Student)

12. Recommendation of supervisor(s) (with copy of progress report duly endorsed by DSC member)

13. Forwarded by Chairperson DSC

14. Endorsed by Associate Dean (Research & Development)

………………………………………………………………………………………………

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Associate Dean (Research & Development)   **Director/Registrar**

SEMINAR FOR EXTENSION OF STIPEND/FELLOWSHIP

DPF-10

Checklist and recommendation for extension of scholarship after 48 months of Ph.D. research for regular scholar only.

1. Name of the Research Scholar   :
2. Registration No/ID No.   :
3. Department to which the student is registered :
4. Date of Enrolment/ Admission   :
5. Name of the Supervisor   :
6. Name of Co-Supervisor (If any)   :
7. Title of Ph.D. Topic registered(Y/N)   : if yes
8. Date of Ph.D. Registration Seminar   :

9. Comprehensive Examination Passed: Yes/No/Not Applicable   Date:

Note: A candidate may be recommended for enhancement of scholarship after 24months by the DSC on the basis of seminar to an open audience and publication/Acceptance of 01 SCI/SCIE Journal.

10. Number of weeks/ months needed to submit Ph. D. work   :
11. Publications/patents from his Ph. D work till date   :
    (Attach copy of patent/paper)
➢ Number of patents filed along with details _____
➢ Number of research article accepted in indexed journal_____
    (Engineering/Science and Humanities)
➢ Number of research article accepted/published in SCI/SCI extended_____
➢ Number of research article accepted/published in Scopus index journal_____
➢ Number of research article accepted/published in national/international conference____

Date: (Signature of the Student)

12. Recommendation of supervisor(s) (with copy of progress report duly endorsed by DSC member)

13. Forwarded by faculty advisor (Ph. D.)

14. Endorsed by Chairman DSC

………………………………………………………………………………………………………

For Office use only

Associate Dean (Research & Development)   **Chairman, Senate**

REGISTRATION SEMINAR

DPF-11

Name of the Student:……………………………

Registration No………........

Department:…………………………………

Date of First Registration:…………

Date of Passing the Comprehensive Examination:………………………

Date of delivery of the Seminar:…………………………

Name of Thesis Supervisor(s): …………………………………………

Comprehensive Examination Passed: Yes/No/Not Applicable   **Date:**

Topic of the Seminar: ………………………...

…………………………………………………………………………………

Comments:……………………………………………………………………

……………..…………………………………………………………….......

……………..…………………………………………………………….......

Supervisor(s)   **DSC Member**

Forwarded by: **Chairperson, DSC**

Endorsed by the Associate Dean (Research & Development)

……………………………………………………………………………………

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Chairperson, DSC   **Associate Dean (Research & Development)**

APPLICATION FOR CONVERSION FROM FULL- TIME TO PART-TIME SCHOLAR

DPF-12

Name of the Department / Centre: _____

Name of the RESEARCH Scholar: _____

Registration No. _____

Status : _____ Category: Institute / Sponsored / Scheme/Self financed

Name(s) of Supervisor(s): _____

Date of enrolment: _____ Date of First Registration: _____

Course work Completed: Yes/No   Total Credits: (a) Assigned-   (b) Earned-

Comprehensive Examination Passed: Yes/No/Not Applicable   Date:

Number of weeks/ months needed to submit Ph. D. work   :
Publications/patents from the Ph. D work till date   :
   (Attach copy of patent/paper)
➢ Number of patents filed along with details   _____
➢ Number of research articles accepted in indexed journals_____
   (Engineering/Science and HumaIIITies)
➢ Number of research articles accepted/published in SCI/SCI extended journals_____
➢ Number of research articles accepted/published in Scopus index journals_____
➢ Number of research articles accepted/published in national/international conferences____

I may kindly be allowed to convert from Full-Time to Part-Time research scholar with effect from
....
                                                  OR
Work partially at the place of employment viz., _____where research facilities are available under joint supervision of .... along with supervisor(s)...
.... IIIT Ranchi.

   Date: (Signature of the Student)

REPORT OF DSC FOR CONVERSION FROM FULL- TIME TO PART-TIME RESEARCH SCHOLAR

DPF-13

Department / Centre: _____

Name of the RESEARCH Scholar: _____ Registration No. _____

Status : _____ Category: Institute / Sponsored / Scheme/Self

Name(s) of Supervisor(s): _____

Date of enrolment: _____ Date of First Registration: _____

The Doctoral Scrutiny Committee (DSC) in respect of the research scholar named above met on _____ and considered his application dated _____ for permission to –

(a) Convert from Full-Time to Part-Time research scholar and

(b) Submit thesis from outside if work is complete

(c) Work partially at the place of employment viz., _____ where research facilities are available.

The committee examined the progress made by the student in his research work and it was noted that he/she has / has not

    i)   Completed the minimum residential requirement of one year OR, completed a period of
_____ months only out of _____ credits assigned.

    ii)   Completed successfully the course work of _____ credits assigned and passed comprehensive examination.

    iii)   Progress satisfactory in the research work.

The committee recommends that as requested for, he/she may be/may not be permitted to-

1. Leave the Institute with effect from _____ ;
   Since the minimum residential requirement is already fulfilled he/she need not join back the Institute nor will he/she has to maintain frequent contact with the teacher, in person and /or by post so as to complete the work, OR
   In order to satisfy the residential requirement and in the interest of the work assigned he/she is required to join back the Department / Centre by _____

2. Submit the thesis from outside in view of the fact that the most part of the work has already been done and only computational work and writing down the thesis remain which can be done away from the Department

3. Work under the joint supervision of _____ of the organization where he is employed in addition to the guidance of Prof. _____ of the Department.

The joint supervisor proposed has enough experience and capacity to extend research guidance.

4. Any other points / conditions may be mentioned here: _____

    Signed members of DSC

_____   _____   _____   _____

_____   _____   _____   _____

(Supervisor)   Associate Dean
                                             Research & Development

DPF-14

PRE-SUBMISSION SEMINAR REPORT

Name of Student:………………………………… Reg No.:……………………

Department:……………………………………… Date of First Registration:……………

Total Credits: (a) Attempted   (b) Earned Through Course Work   (c) Others

Thesis Title: ……………………………………………………………………………………

…………………………………………………………………………………………………

Date of Delivery of Seminar: ……………………………………………………………………

Name(s) of Thesis Supervisor(s):……………………………………………………………..

Comments: ....

………………………………………………………………………………………………...…

....

Certified that the candidate has earned the requisite credits and has successfully delivered the pre-submission Seminar required for submission of the Thesis. Further, the student has following publications from thesis work:

(a) Int. Journal(s)-   (b) National Journals-   (c)   Conferences-
 Communicated-   (d) Int. Journal(s)-   (e) National Journals-

Supervisor(s)   **DSC Member**

Forwarded by: **Chairperson, DSC**

Recommended by: Associate Dean (Research & Development)

……………………………………………………………………………………………………

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Chairperson, DSC   **Associate Dean (Research & Development)**

DPF-15

<u>PLAGIARISM UNDERTAKING</u>

I declare that the work presented in this thesis entitled "………………………………
……………………………………………………………………………... submitted to
the Department of …………………………………………………Indian Institute of
Information Technology Ranchi, Ranchi (India)- 834001 for the award of **Doctor of
Philosophy** Degree in …….…………………………………………, is my original
work. I neither have plagiarized any part of the thesis nor submitted the same work for
the award of any other Degree anywhere.

In case this undertaking is found incorrect, The Degree shall be withdrawn
unconditionally.

Date: ……………..   **(Signature of the Student)**

Ph. D. EXAMINER LIST FOR THESIS EVALUATION   DPF-16

Name of Student:…………………….............................

Reg No:………………

Department:………………………………………………………………………

Date of First Registration:………………

Date of Comprehensive Exam:…………………

Date of Registration Seminar:………….

Date of Pre-submission Seminar:……………

Thesis Title (in capitals):…………………………………………………………………

……………………………………………………………………………………

Name of Examiners with Address/Fax/Phone/Email

Sl. No.	Name & Address	Phone/Fax	Email
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Name(s) and communication details of Supervisor(s)

Sl. No.	Name & Address	Phone/Fax	Email
1.			
2.			

Proposed by: **Thesis Supervisor(s)**

Recommended by: **Exam Board**

Approved by: **Chairman Senate**

CERTIFICATE FOR FINAL VERSION OF THESIS
(To be submitted after Final Viva-Voce Examination)

This is to certify that the soft copy of thesis entitled "_____

_____

_____

_____

_____" submitted by

Mr/Ms_____ for award of Doctor of

Philosophy (Ph.D.) Degree in _____ incorporates all

corrections/modifications including those suggested during viva-voce.

Signature of the Scholar
Name:_____

Date: _____

Signature of the Supervisor (s)
Name:_____

Date: _____

DPF-18

Copy Right Declaration

To ensure uniformity of treatment among all contributors, others forms may not be substituted for this form, nor may any wording of the form be changed. This form is intended for original material submitted to the IIIT, Ranchi and must accompany any suchmaterial in order to be published by IIIT, Ranchi. Please read the form carefully and keepa copy for your files.

TITLE OF THESIS:
AUTHOR'S NAME AND ADDRESS:

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*For jointly authored works, all joint authors should sign, or one of the authors should sign authorized agents for the others.

Signature of Authors

DPF-19

UNDERTAKING

I,   Miss/Mr./MS   …………………………………………………………………...
member of the teaching/non-teaching staff holding a permanent post of ……........................
…………..   in the Department/Centre of ………………………….. at the Indian Institute of
Information Technology Ranchi, Ranchi do hereby give the undertaking that I shall abide by
the rules and regulations laid down by the Senate of the Institute from time to time for
undergoing the PhD. Program.

I ensure to perform all normal official duties as assigned to me while undergoing the program
of studies/research,

I further understand that the permission granted to me for joining the program can bewith drawn
at any time by the institute in case of breach of any of the provisions of the Institute rules and
regulations.

Date:

Annexure- I

(Guidelines for Thesis submission)

- Four copies of the Thesis (spiral/soft bound) should be submitted for thesis evaluationalong with softcopy (Non-writable Non-editable).

- The thesis should be in the specified format as given below;

  - ✓ The front and back cover of the thesis should be in Maroon Colour

  - ✓ The thesis should be typed in one-and-half spacing using Times New Romantheme font with 12 font size.

  - ✓ Chapter heading: Bold, Caps and of 14 font size.

  - ✓ Main heading (Section): Bold, Title case and of 12 font size.

  - ✓ Sub-section: Bold, Italic and of 12 font size.

  - ✓ Thesis should be printed back to back (both side) but new chapter should start from a new front page.

  - ✓ The sequence should be: Inner cover page, candidates declaration and Certificate of the supervisor(s), Abstract (less than five (5) pages), Acknowledgment (not more than 2 pages), Table of contents, list of tables, list of Figures, nomenclature followed by Chapters, References, Appendix,Publications and Copy write declaration/certificate.

- There should not be page number on starting/first page of Chapter/abstract/ acknowledgment, Table of contents, nomenclature, etc. The page number before Chapters should be in roman numbers.

- Requisite number of hard copies: (1. Academic Section, 2. Institute Library, 3. Departmental Library, 4. Supervisor(s)) incorporating all the corrections suggested by the thesis examiners is to be deposited in the respective offices/departments.

- The final corrected copy of the thesis in PDF format for uploading in public domain is to be submitted in the Library/Associate Dean Office.

RECEIPT OF SOFT COPY OF THESIS AT LIBRARY
(To be submitted, in duplicate, after Viva-Voce)

LIBRARY	
Accession Number	
Date	

1.	Name of Scholar						
2.	Registration No.			Date of Ph.D Admission			DD/MM/YYYY
3.	Registration Status of the Scholar (Put √ Mark)		Full-Time		Part-Time		External
4.	Department			Branch (if any)			
5.	Date of Viva-voce			DD/MM/YYY			
6.	Title of Thesis in English						
7.	Title of Thesis (Pronunciation in Hindi)						
8.	Complete Postal Address with PIN code						
9.	E-mail Address						
10.	Mobile No.						

We certify that the soft copy of the thesis incorporates all corrections/modifications including those suggested during viva-voce. We also understand that any deviation from the above may lead to the withdrawal of the degree.

Forwarded by:

Signature of the Scholar   Signature of the Supervisor
Name:_____   Name:_____
Date: _____   Date: _____