

INDIAN INSTITUTE OF TECHNOLOGY MANDI

**ORDINANCES
AND
REGULATIONS**

**FOR THE DEGREES
OF
DOCTOR OF PHILOSOPHY
AND
MASTER OF SCIENCE BY RESEARCH**

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PREAMBLE

Indian Institute of Technology (I.I.T.) Mandi offers postgraduate programmes leading to the award of Master of Science by Research (M.S.) and Doctor of Philosophy (Ph.D.) degrees through its schools. The award of these degrees is in recognition of high academic achievements, independent research and application of knowledge to the solution of technical and scientific problems in Engineering, Technology and Sciences including Social Sciences; creative and productive inquiry is the basic concept underlying the research work.

The academic programmes leading to M.S. and Ph.D. degrees are broad-based and involve a minimum course credit requirement and a research thesis. The institute is broadly divided into schools covering broad academic area to encourage cross fertilization of ideas due to interaction between the faculty and students having diverse background. The institute also promotes research in interdisciplinary areas across the schools through a system of co-supervision. The institute undertakes sponsored research and development projects from industries as well as other organizations in the public and private sectors, in order to synergize and reach the benefits of research to the society at large.

The degrees of Master of Science by Research and Doctor of Philosophy shall be abbreviated respectively as M.S. and Ph.D. These Degrees are granted for research work in areas recognized by the schools of the Institute subject to the ordinances and regulations contained hereinafter.

The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of innovative products and technologies. It shall evince the candidate's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

The degrees of Master of Science by Research (M.S.) or Doctor of Philosophy (Ph.D.) of the Indian Institute of Technology Mandi shall be conferred on a candidate who fulfils all the requirements specified in these Ordinances and Regulations, approved by Senate dated July 22, 2010 and modifications approved subsequently.

ORDINANCES FOR THE DEGREE OF MASTER OF SCIENCE BY RESEARCH

MS ORDINANCES

- O.1 A candidate who has qualified for the award of the Bachelor's degree in Engineering/Technology of this Institute or a recognized Institute or University in the discipline as prescribed in the regulations of the Senate is eligible to apply for the Master of Science by Research (M.S.) Programme at IIT Mandi in Engineering/ Science including Social Science.
- O.2 A candidate who has qualified for the award of the M.Sc./M.A. degree in basic Sciences including social sciences of IIT Mandi or a recognized Institute or University or Master's degree in certain areas approved by the Senate is also eligible to apply for the Master of Science by Research (M.S.) Programme at IIT Mandi in Engineering/ Sciences including Social Sciences.
- O.3 A candidate pursuing M. Tech or M.S. degree in a recognized Institute or University in Engineering/Technology/Sciences including Social Sciences is eligible to apply for lateral entry in Master of Science by Research (M.S.) Programme at IIT Mandi in Engineering/ Sciences including Social Sciences in the beginning of a semester with transfer of credit to the extent permitted by the schools.
- O.3 The award of the M.S. degree shall be in accordance with the regulations of the Senate of this Institute.

MS REGULATIONS

R.1 Categories of Admission

Candidates will be admitted to the M.S. by research Programme in Engineering/ Sciences including Social Sciences of the Institute by fresh admission or lateral entry from a similar program in another recognized institute, in one of the following categories:

- (a) Regular full time scholars with or without MHRD assistantship/Institute fellowship/project support*.
- (b) Regular Full time scholars admitted laterally in the beginning of any semester with transfer of credit
- (c) Part time Research scholars who are staff members of the Institute or supported by project*.
- (d) Research scholars under the external registration programme sponsored by and employed in industry/organization

- (e) Part time Research scholars from a reputed university/ institution/ organization within commuting distance from IIT Mandi, working for the degree on a part time basis.

*Those working for research as part of requirement of Master of Science, in the area of the project may become full time research scholar while those working in unrelated area may become part time research scholar

R.2 Eligibility

R.2.1 Minimum educational qualifications

The minimum educational qualifications for admission to the M.S. by research programme in Engineering/ Sciences including Social Sciences are as follows:

(a) Regular full time scholars

2.1.1 a) Candidates with a Bachelor's degree in Engineering / Technology or Masters degree in appropriate Sciences including Social Sciences with valid score in GATE/NET or equivalent national level examination or GMAT/GRE in appropriate discipline.

b) Candidates having Associate Membership of the following professional bodies will also be eligible for admission to the M.S. programme of their parent discipline provided they have a valid GATE score and have passed both part A and part B of the Membership examinations with a good academic record. (The Institution of Engineers (India) (Civil, Mechanical, Electrical and Electronics, Electronics and communications), The Aeronautical society of India, The Indian Institute of Metals, The Indian Institute of Chemical Engineers, The Institute of Electronics and Telecommunication Engineering and other professional bodies approved by the Senate from time to time.

2.1.2 International Students:

Foreign nationals can only register as regular full time scholars. Foreign nationals with degree from Indian Universities will be treated on par with Indian nationals for admission purposes.

Foreign nationals with foreign degrees must meet the minimum educational requirements equivalent to those specified in 2.1.1 in the relevant disciplines. In addition, they should have a valid score in GRE/GMAT/GATE/JMET/UGC or CSIR NET or an equivalent examination in the relevant discipline and should have acceptable score in TOEFL or equivalent unless the medium of instruction for the qualifying degree is English. International students are expected to have a working knowledge of English.

2.1.3 Lateral Entry in M.S. with credit transfer:

- a) Qualifications prescribed in 2.1.1
- b) Admitted to M. Tech or M.S. degree in a recognized Institute or University in Engineering/ appropriate Sciences including Social Sciences and pursued studies for at least a semester and completed equivalent of some of the courses prescribed for M.S. degree in IIT Mandi

(b) Part time Research scholars

2.1.1 Institute staff members/Research Scholars under External Registration / Research scholars working on part time basis.

Bachelor's degree in Engineering/Technology or a Master's degree in appropriate Sciences /Management / Humanities and Social Sciences as applicable, with a good academic record. However, Valid GATE score or CSIR / UGC NET or equivalent qualification may not be required in these cases.

The research scholars may be admitted to the MS programme under the part time category from a reputed University / Institution / Organization and they must have **two years** experience for admission to M.S. by research programme in Engineering/ Sciences including Social Sciences.

The School/Selection Committee may find fit to consider meritorious candidates from disciplines other than listed at in the Admission Brochure if there is a good match between the educational/research background of the candidate and the proposed area of research.

Additional and stiffer criteria than the minimum educational qualifications given in R.2.1 may be set by the School/ Selection Committee from time to time for short listing candidates to be called for interview and or test.

2.1.3 Research scholars under the external registration programme sponsored by and employed in industry/organization

Bachelor's degree in Engineering/Technology or a Master's degree in appropriate Sciences /Management / Humanities and Social Sciences as applicable, with a good academic record from a reputed University / Institution / Organization.

Employee seeking admission must have **two years** experience and may submit a certificate from the employer to that effect along with sponsorship certificate.

The employer organization must possess R & D facilities, recognized by DST or any of the IITs, national laboratories, reputed universities/colleges or employed in research/analysis jobs in public sector/private sector/ government in the case of Management area.

R.2.2 Conversion of registration from M.S to Ph. D Programme

Meritorious candidates who have registered for the M.S. programme are eligible to convert their registration to the Ph. D programme in the same department under the supervision of the same guide(s) if they satisfy the following criteria:

- (a) The candidate should have been registered for a minimum of 2 semesters in the M.S. programme.
- (b) Minimum CGPA of 8.0 in the prescribed courses in the M.S. Programme.

On the basis of recommendation of Academic Progress Committee defined in R.9, the School Research Committee (SRC) will consider the application of the M.S. scholar for conversion of Ph. D under the supervision of the same guide(s) and make its recommendation to the Chairman, Senate to approve the conversion of registration for the scholar as per rule and report the same to the Senate. School Research Committee (SRC) may also suitably recommend modified residential requirement to complete the remaining course work.

R.3 Selection Procedure

Eligible candidates possessing the minimum educational qualifications, and satisfying additional/ stiffer criteria set by the departments from time to time, will be called for an Interview and / or Test by Selection Committees of the respective schools.

For candidates who have obtained UG degree 10 years earlier as on the last date prescribed for receipt of completed application, a test will be conducted by the school.

The applications of foreign nationals may be considered without a personal interview/ test.

Based on the academic record and the performance of the candidates in the interview and/or test, the Selection Committee for the school will recommend to the Chairman, Senate the names of candidates found suitable for admission to the M.S. in Engineering/ Science including Social Science.

The admission for lateral entry in Master of Science by Research (M.S.) Programme by candidates pursuing M. Tech or M.S. degree in another IIT may be offered directly on the recommendation of the school at the beginning of a semester and the extent of credit transfer, if any, may also be determined and recommended by the school. However, for candidates pursuing M. Tech or M.S. degree in other recognized Institute or University in Engineering/ Technology/ Sciences including Social Sciences may be admitted at the beginning of a semester after an expert committee of the school evaluates the candidate regarding his/her academic suitability to pursue M.S. in a similar academic area at IIT Mandi and the same committee may also determine the extent of credit transfer, if any, and recommend it.

R.4 Admission

Candidates whose selection is approved by Chairman, Senate will be admitted to M.S in Engineering/ Science including Social Science programmes after payment of prescribed fees.

Every candidate will be required to carry out online registration during stipulated dates every semester till the submission of the thesis irrespective of their category and status. Ordinarily, a candidate is not eligible for re-registration for M.S. after cancellation of his/her earlier registration for any reason. Based on the merits of the individual case, and taking into consideration any special circumstances, a candidate may be considered for re-registration.

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R.5 Choice of Guide

(a) Allotment of research scholars to guides will be made by the Head of the school taking into consideration the research profile of the school and the preferences of the research scholars and guides.

(b) There shall be not more than two guides from the Institute for a research scholar.

R.6 Eligibility for being Guides

(a) The following may be a guide for a M.S. Scholar:

- All faculty members of the Institute
- Faculty members of other recognized institutes/ Universities
- Employees with doctoral degree, in service of recognized organization.

(b) Continuance of retired faculty members / emeritus faculty as guides.

(i) When a faculty member, who has guided a candidate for at least 2 years, retires, he will continue to be a guide. However, a co-guide who is in service will be appointed in addition. The guide who has retired will be invited for the Academic Progress Committee meetings, synopsis meeting and the viva voce examination.

(ii) A faculty member who is to retire within 2 years may be permitted to become a guide to a new scholar with another faculty member who is not likely to retire within 3 years as co-guide at the time of registration itself. On retirement, the faculty member will continue to be a guide and will be invited to the Academic Progress Committee meetings, synopsis meeting and the viva voce examination.

(iii) CSIR and other Emeritus Fellows / Scientists / Emeritus Professors, who hold office at IIT Mandi for a period of 1 year or more, can become co-guides for scholars,

along with a guide from the faculty, with at least 3 years service still left at the time of registration of the scholar.

- (iv) In case a faculty member who is a guide goes on leave exceeding one year duration another faculty member will be identified, to become a co-guide of the research scholar if there is no co-guide already.
- (v) The induction of new guides after 2 years of registration of a research scholar will be considered by the Research Board in the office of the Dean, Academic Research.

R.7 Change / Addition of Guide

The Academic Progress Committee of a research scholar may recommend change of guide or appointment of a co-guide for valid reasons.

R.8 Academic Progress Committee

The Head of the School will intimate to the Dean, Academic Research for each scholar, the area of research, and name(s) of the Guide. The Head of the school may constitute the Academic Progress Committee (APC) for a research scholar within 8 weeks of the date of joining of the scholar.

- (a) The following is the composition of the Academic Progress Committee for the research scholars of M.S. by research programme in Engineering/ Sciences including Social Sciences

1. Head of the School (If he happens to be Guide of a research scholar, the Senior most Professor/previous Head of the School will be nominated by the Dean, Academic Programme) ... **The Chairman**

The Chairman, if he/she is otherwise engaged, may nominate a member of the Academic Progress Committee to act as Chairman for the conduct of Academic Progress Committee meeting to assess the progress of the scholars. The regular Chairman must be present for Synopsis / Thesis report / Viva voce meetings of the Scholar.

2. Research Guide(s) ... **Member (s)**
3. Minimum of one faculty member of the School nominated by the Chairman, Academic Progress Committee in consultation with the guide(s) ... **Member**
4. Minimum of one faculty member from the Institute or allied institutions nominated by the Chairman, Academic Progress Committee in consultation with the guide(s) ... **Member**

In case any member goes on leave exceeding one year duration, or resigns or retires from the Institute, the Chairman, Academic Progress Committee will nominate another member on the suggestion of the Guide(s).

R.9 Registration

- (a) The Academic Progress Committee will meet normally within a month of being constituted, where the research scholar will make a presentation. The Academic Progress Committee will fix/approve the date of registration for the M.S. Programme, consider the proposed research topic and prescribe/approve the courses of study in this meeting.
- (b) The registration may be backdated for research scholars employed in projects by up to 6 months from the date of admission to the programme on the recommendation of the Academic Progress Committee with justification. Based on the recommendation of the Academic Progress Committee, the Senate may, additionally, permit backdating by a further period of 6 months.

R.10 Course Work and Credit Transfer

- (a) The Academic Progress Committee will normally prescribe three core courses and at least four electives. The prescribed courses shall be postgraduate level courses of the Institute and the scholar may choose a minimum of two courses from the recommended elective courses.
- (b) The Academic Progress Committee may allow transfer of credit for courses, already undergone by a research scholar seeking lateral entry in the M.S. from another similar program in this Institute or other Institutions, provided the courses are the same or equivalent to those prescribed and the performance level of the scholar in them meets the minimum required.
- (c) The Academic Progress Committee may prescribe additional courses for research scholars wherever found necessary.
- (d) M.S. research scholars admitted to the programme shall obtain a minimum CGPA of 7.5 in the courses taken by them, subject to a minimum of 'C' grade in the prescribed courses. If more than the Minimum required electives have been taken, only the electives with the best performance will be considered for computing the CGPA.
- (e) The Academic Progress Committee may allow the research scholars to choose not more than 3 optional courses, in addition to the courses already prescribed. It shall be open to the Academic Progress Committee to permit or not to permit a research scholar to take optional courses in view of research work. The optional courses will not count towards the requirements of M.S. Programme. The grades obtained in these courses will be mentioned in the transcript.
- (d) M.S. research scholars who convert their registration to the Ph. D programme should successfully complete 5 core courses and at least 3 elective courses including those allowed for transfer of credit.

The Doctoral Committee (constituted following R.9 of Ph. D. regulation) may give credits to courses already successfully completed by the research scholars during

their M.S. programme towards the course requirement of the Ph. D programme. The Doctoral Committee may prescribe additional courses for such scholars if found necessary.

R.11 Progress Report

- (a) A research scholar shall, after registration, submit annually a written report in the required format to the Academic Progress Committee.
- (b) The progress made by a research scholar shall be reviewed by the Academic Progress Committee once a year. Continuance of registration and award/scholarship/Research Assistantship will be based on the recommendation of the Academic Progress Committee. Inadequacy of effort/progress can be a reason for cancellation of registration.

R.12 Enrolment

All research scholars who are in residence and whose registration for research degree is still in force are required to enroll in person each semester on the stipulated date till their submission of thesis, on payment of the requisite fees. Those, not in residence, may pre-enroll in absentia during the stipulated period after payment of the requisite fees. The enrolment will be completed only after successful completion of progress meeting during the semester. The enrolment will be cancelled if the progress is not satisfactory.

R.13 Minimum Residential Requirement

- (a) The minimum period of study and research required at the Institute from the date of registration for M.S. Programme to the date of submission of M.S. thesis shall be 18 months for all regular full time M.S research scholars.
- (b) The minimum residential requirement for M.S research scholars under external registration or M.S research scholars working on a part time basis not employed in the Institute is one semester.

R.14 Maximum Duration of Programme

Full time registered M.S. Research Scholars shall submit the thesis within three years from the date of registration. Part time/externally registered M.S. Research Scholars shall submit the thesis within four years from the date of registration. The Academic Progress Committee may extend the period of submission of the thesis by up to 1 year.

R.15 Withdrawal from the programme

A scholar may be permitted by the Dean, Academic Research to withdraw from the programme for a semester or longer for reasons of ill health or other valid grounds duly recommended by the Academic Progress Committee. Normally a scholar will be permitted to discontinue from the programme only for a maximum continuous period of two semesters.

R.16 Cancellation of Registration

- (a) The Academic Progress Committee may recommend to the Dean (academic) for approval for cancelling the registration of a research scholar if he/she fails to secure requisite CGPA as prescribed in R.10(d) or his/her progress of research in continuous evaluation is not found to be satisfactory or he/she has not enrolled.
- (b) The registration of a research scholar who has not submitted his/her thesis before the end of the maximum permissible period as in **R.14** will be cancelled.

R.17 Reversion of Ph. D Registration to M.S Programme

- (a) A research scholar, who has converted his/her M.S. registration to Ph. D, may apply for reversion to the M.S. programme under the supervision of the same guide(s), if he/she so desires and if he/she has not completed three years after the date of original M.S. registration.
- (b) If a research scholar who has converted his/her M.S. registration to Ph. D fails to pass the comprehensive examination in two attempts, he/she will be reverted to the M.S. Programme.
- (c) The Doctoral Committee will consider the application only if the scholar has completed all the course requirements prescribed originally by the Academic Progress Committee when the scholar registered for M.S and if the research work carried out till date is found suitable for submission as an M.S thesis. If the application is found acceptable, the Doctoral Committee may recommend the reversal of registration. If the reversion is approved by the Institute, the Doctoral Committee will continue to function as the Academic Progress Committee till the completion of the scholar's M.S. programme. The scholar must complete the requirements of the M.S. degree within a maximum period of one year from the date of reversal of the registration from Ph. D to M.S.

R.18 Conversion of Ph. D Registration to M.S Programme

The registered research scholar for Ph. D., who fails to complete successfully the Comprehensive Examination in both attempts, may be allowed to convert his/her registration from Ph. D to M.S. programme if he/she so desired, with the consent of the guide and the approval of the Doctoral Committee, otherwise his/her registration will be cancelled.

R.19 Synopsis

- (a) On satisfactory completion of the prescribed courses and research, research scholars under the M.S. by research Programme in Engineering/ Sciences including Social Sciences, shall submit to the Head of the School through their guide(s), requisite copies of the synopsis of the research work for consideration by the Academic Progress Committee.

- (b) Prior to the submission of the synopsis, research scholars are required to give at least one seminar talk on the topic of their research work.
- (c) Research scholars are expected to publish the results of their research before submission of their theses in a refereed reputed conference or journal.
- (d) The research scholars shall present the synopsis before the Academic Progress Committee. The Academic Progress Committee will, if it approves the work reported in the synopsis, permit the research scholar to submit the thesis and recommend a panel of at least six thesis examiners from outside the Institute, who are not current collaborators of the scholar or the guide(s).

R.20 Submission of Thesis

The research scholar shall, within one month of acceptance of the synopsis, submit a soft copy and the requisite hard copies of the thesis along with abstract of the thesis as stipulated. The Academic Progress Committee may grant additional time beyond one month, on request from the scholar for valid reasons.

R.21 Panel of Examiners

- (a) The thesis of the research scholars shall be referred to two examiners chosen by the Chairman, Senate from among the panel of examiners recommended by the Academic Progress Committee at its synopsis meeting.

R.22 Thesis Report

- (a) The examiner is expected to send the report on the thesis within six weeks from the date of receipt of the thesis.
- (b) In case of undue delay in receiving the thesis report, the Chairman, Senate shall appoint another examiner in his/her place for evaluating the thesis.
- (c) If one of the two thesis examiners declare the thesis, as not recommended, the thesis shall be referred to a third examiner from the panel for his/her evaluation.
- (d) If an examiner suggests resubmission of the thesis, after revision, the research scholar will be allowed to resubmit the thesis within the time stipulated by the Academic Progress Committee failing which the revised thesis will not be accepted and his/her registration will be cancelled.
- (e) If two examiners, after referral to a third examiner, if necessary, report the thesis as not recommended, the registration of the scholar shall stand cancelled.

R.23 Viva Voce Examination

- (a) If the examiners of a thesis accept the thesis in their reports without raising any serious issues the Academic Progress Committee may waive the viva-voce

examination. For a thesis where viva voce examination is required, the viva voce board shall comprise the members of the Academic Progress Committee.

- (b) The viva voce board will examine the scholar on his/her thesis work and evaluate his/her performance as satisfactory or otherwise.
- (c) If the report of the viva voce board declares the performance of the research scholar as not satisfactory, he/she may be asked to reappear for viva voce at a later date (not earlier than a month and not later than six months from the date of the first viva voce).
- (d) If the viva voce board on the second occasion also evaluates the performance of the research scholar as not satisfactory, the matter will be referred to the Senate for a decision on cancellation of registration or continuation for further work.
- (e) The viva voce board may also recommend revision to be made in the final version of the thesis after taking into consideration, suggestions of the examiners who evaluated the thesis and the discussion at the viva voce examination. The Chairman of the viva voce board shall forward the thesis to the Academic Section certifying that the revisions recommended by the viva voce board, if any, have been incorporated in the copy of the thesis along with the report of the viva voce board. All the research scholars shall submit digitally authenticated soft copy of the final form of the thesis to the Academic Progress Committee after the viva voce board recommends the award of the degree.

R.24 Award of M.S. Degree (by Research)

On the recommendation of the Academic Progress Committee and Senate and with the approval of the Board of Governors of the Institute the research scholar will be awarded the M.S. degree (by Research).

R.25 Ethics and Integrity

Every scholar is required to maintain ethics and integrity in his conduct and carry out his academic work without blemishes of plagiarism or unfair means. He/ She is required to observe disciplined and decorous behaviour both inside and outside the campus and should not indulge in any activity, which will tend to bring down the prestige of the Institute.

Any unethical behaviour or lack of integrity or indiscipline on the part of a scholar reported to the Dean of Academic Research will be referred to an Ethics and Discipline Committee nominated by the Senate from time to time. The committee will investigate the charges and will recommend suitable punishment if it finds the charges substantiated. The recommendation of the Committee will be considered by the Dean of Academic Research to take appropriate action. The Dean will report the action taken at the next meeting of the Senate.

Appeal: The scholar may go in for appeal to the Chairman of the Senate whose decision will be final.

R.26 Power to Modify

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

Ph.D. ORDINANCES

- O.1 A candidate who has qualified for the award of Master's degree of IIT Mandi or any other recognized Institute or University in the discipline as prescribed in the regulations of the Senate is eligible to apply for the Ph.D. programme of this Institute.
- O.2 A candidate who has qualified for the award of Bachelor's Degree in Engineering / Technology with exceptionally good academic background in the discipline as prescribed in the regulations of the Senate is also eligible to apply for Ph.D programme in Engineering/Technology of IIT Mandi.
- O.3 A candidate pursuing Ph. D. degree in a recognized Institute or University in Engineering/Technology/Sciences including Social Sciences is eligible to apply for lateral entry in doctoral Programme at IIT Mandi in Engineering/ Sciences including Social Sciences in the beginning of a semester with transfer of credit to the extent permitted by the School.
- O.4 The award of the Ph.D degree shall be in accordance with the regulations of the Senate of IIT Mandi.

Ph.D. REGULATIONS

R.1 Categories of Admission

The applicant for admission to Ph.D. programme shall be in any one of the following categories:

- (i) Regular full time Research scholars including degree holders from foreign universities/institutions:
- a) Research scholar with MHRD assistantship.
 - b) Research scholar getting support from Govt. /Semi Govt. agencies (QIP, CSIR, UGC, DAE, DST, DBT, NBHM, JEST, ICCR etc.)
 - c) Research scholars under the external registration programme sponsored by and employed in industry/organization having R & D facilities and recognized by DST or IIT Mandi, national laboratories, reputed universities/colleges or employed in research/analysis jobs in public sector/private sector/ government in the case of management area. The candidates seeking admission under this category must have at least two years of work experience.

(A research scholar under the external registration programme will normally carry out part or all of his / her research work in the industry/ organization/national laboratories/universities employing the scholar under the supervision of a co-guide also employed in the same organization and a guide at IIT Mandi.)

- d) Research scholar supported by self or the employer (Sponsored)
 - e) Research scholar supported from project*
- (ii) Part time Research Scholars including degree holders from foreign universities/ institutions:

- a) Research scholar working as a regular employee in the Institute
- b) Research scholar supported from project*
- c) Research scholar working in other organizations recognized by IIT Mandi or having MoU for research purposes.

The research scholars pursuing Ph. D. degree in an academic area in other IITs or in a recognized Institute or University in Engineering/Technology/Sciences including Social Sciences may be given admission as lateral entry in the corresponding categories mentioned above, with credit transfer for the course work.

*The research scholar working in a project will be full time, provided his research for Ph.D. is related to the project as certified by the supervisor, who is associated with the project. A research scholar whose topic for Ph.D. is unrelated to the project will be working part time for Ph. D. but may be given full time status after the project tenure is completed.

R.2 Eligibility

R.2.1 Minimum Educational Qualifications

The minimum educational qualifications for admission to the Ph. D programme of the Institute are as follows:

2.1.1 Ph.D. in Engineering

- (a) Candidates with a Master's degree in Engineering/Technology with a good academic record or a Master's degree by Research in Engineering/ Technology disciplines, with a good academic record.

or

- (b) Candidates with Master's degree in Sciences with a good academic record and of exceptional merit are eligible for the relevant Engineering discipline and with a valid GATE score or UGC/CSIRNET/ NBHM or equivalent qualification in the relevant area tenable for the year of registration. In the case of candidates with more than 5 years of relevant experience after the Master's degree, the requirement of a test score may be waived by the Selection Committee.

or

- (c) Candidates who have qualified for the award of Bachelor's degree in Engineering/Technology with exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. Programme as a regular full time scholar subject to the following conditions:

- (i) B.Tech degree from one of the IITs, with a minimum CGPA of 8.0 on a 10.0 point scale.
- (ii) Bachelor's degree in Engineering/ Technology from any other University, should be among the top 5% or 20 rank holders, declared by the University and having a valid GATE score.
- (iii) Bachelor's degree holder in Engineering/ Technology, serving for two years or more in a reputed R & D organization and having a proven research record.

2.1.2 Ph.D. In Sciences

Master's degree in Sciences with a good academic record/ Master's degree in Engineering/Technology with a good academic record/ B. Tech degree of IIT with a minimum of CGPA of 8.0 on a 10.0 point scale or with a valid GATE Score or B. Tech / B.E degree of any recognized University in India with a minimum CGPA of 8.0 on a 10.0 point scale or equivalent with valid GATE score

2.1.3 Ph.D. in Humanities and Social Sciences

Master's degree in an eligible discipline with a good academic record;

2.1.4 Institute staff members/Research scholars under QIP/Research Scholars under External Registration / Research scholars working on part time basis.

For Research Scholars in the above categories, the minimum educational qualifications are the same as prescribed for full time research Scholars in 2.1.1, 2.1.2 and 2.1.3 for admission to the Ph. D programme in the respective categories.

R.2.2 Additional Requirements

The research scholars may be admitted to the Ph. D programme under the part time category from a reputed University/ Institution/ Organization and they must have two years experience for Ph. D in the case of registration in Engineering / Science / Social Sciences

The list of eligible disciplines in which the minimum educational qualifications have to be obtained, will be provided by each School in the Admissions Brochure, which will be updated from time to time. The admission brochure will also include details about interdisciplinary research areas, which may be pursued by the research scholars for the Ph. D degree and the corresponding eligible disciplines given by the Schools.

The School or its Selection Committee may find fit to consider meritorious candidates from disciplines other than listed in the Admission Brochure if there is a good match between the educational / research background of the candidate and the proposed area of research.

Additional and stiffer criteria than the minimum educational qualifications given in R.2.1 may be set by the Selection Committee of the School from time to time for short listing candidates to be called for interview and or test.

R.2.3 Conversion of registration from M.S / M. Tech to Ph.D. Programme (Regular / External)

Meritorious candidates who have registered for M.S/ M. Tech programmes are eligible to convert their registration to the Ph. D programme in the same school if they satisfy the following criteria:

(a) The candidate should have been registered for a minimum of 2 semesters in the M.S/ M. Tech programme.

(b) The candidate should have minimum CGPA of 8.0 in the prescribed courses.

(c) Course work is compulsory and the Doctoral Committee (DC) constituted following R.9 can suitably recommend residential requirement to complete course work.

In the case of a M.S. Scholar, the Academic Progress Committee of the M.S. scholar will consider the application for conversion to Ph.D. under the supervision of the same guide(s) and make its recommendation to the Chairman, Senate to approve the conversion of the scholar from M.S to Ph.D. Programme as per rule and report the same to the Senate. If approved, a Doctoral Committee as per R.9 will be constituted to replace the Academic Progress Committee.

In the case of a M. Tech. Student, a Committee duly constituted by the Head of the School will consider the application for conversion to Ph.D. and make its recommendation to the Chairman, Senate to approve the conversion of the student from M.Tech to Ph.D. Programme as per rule and report the same to the Senate. If approved, a Doctoral Committee as per **R.9** will be constituted and guide(s) as per **R.6** will be allotted. The candidate should pass the comprehensive examination (**R.13**) within a semester after conversion to the Ph.D. programme and within two attempts.

The candidate will be treated on par with one admitted directly after a Bachelor's degree, but with the residency period and course work completed under the M.S/M. Tech registration as decided by the Doctoral Committee credited to the Ph. D programme.

R.2.4 Lateral Entry from Ph. D. programmes in Engineering/Technology/Sciences including Social Sciences in another IIT or a recognized Institute or University

A research scholar pursuing Ph. D. in Engineering/Technology/Sciences including Social Sciences in another IIT may be admitted directly to Ph. D. program in similar academic area on the recommendation of the admitting school at the beginning of a semester. The school may also assess the extent of credit transfer, if any, and recommend it.

A research scholar pursuing Ph. D. in Engineering/Technology/Sciences including Social Sciences in a recognized institute or University may be admitted at the beginning of a semester after an expert committee of the school evaluates the candidate regarding his/her academic suitability to pursue Ph. D. in a similar academic area at IIT Mandi. The committee may also determine the extent of credit transfer, if any, and recommend it.

R.3 International Students

Foreign nationals can only register as regular fulltime scholars. Foreign nationals with degree from Indian Universities will be treated on par with Indian nationals for

admission purposes. Foreign nationals with foreign degrees must meet the minimum educational requirements as given in **R.2.1** equivalent to a Indian Master's degree in the relevant disciplines. In addition, they should have a valid score in GRE/GMAT/GATE/JMET/UGC or CSIR NET or an equivalent examination in the relevant discipline and should have acceptable score in TOEFL or equivalent unless the medium of instruction for the qualifying degree is English. International students are expected to have a working knowledge of English.

R.4 Selection Procedure

Eligible candidates possessing the minimum educational qualifications and satisfying additional criteria set by the schools from time to time, will be called for an Interview and/or Test by the Selection Committees of the respective schools.

For candidates who have obtained PG degree 10 years prior to the last date prescribed for receipt of the completed application, an additional test may be conducted by the school.

The applications of foreign nationals may be considered without a personal interview / test only for applicants of exceptional merit.

Based on the academic record and the performance of the candidates in the interview and/or test, the Selection Committee of the school will recommend to the Chairman, Senate the names of candidates found suitable for admission to the Ph.D. Programme.

R.5 Admission

(a) Candidates whose selection is approved by the Chairman, Senate will be admitted to the Ph.D. programme after payment of prescribed fees.

(b) Ordinarily, a candidate is not eligible for re-registration for Ph.D. after cancellation of his/her earlier registration for any reason. Based on the merits of the individual case and taking into consideration of any special circumstances, a candidate may be considered for re-registration.

R.6 Choice of guide

(a) Allotment of research scholars to guides will be made by the Head of the School taking into consideration the research profile of the School and the preferences of the research scholars and guides.

(b) There shall not be more than two guides from the Institute for a research scholar.

(c) Additional Guide from outside the Institute can be allowed with the approval of Dean, Academic Programme on case to case basis only.

R.7 Eligibility for being guides

The following may be a guide for a Ph. D scholar:

- All faculty members of the Institute
- Faculty members of other recognized institutes/ Universities
- Employees with doctoral degree, in service of recognized organization.

A retired faculty member may continue to act as guide provided, the faculty member has guided the candidate for at least 3 years, prior to retirement.. However, if there is no co-guide from the serving faculty, a co-guide, who is in service of the institute, will be appointed in addition. The guide who has retired will be invited for the Doctoral Committee meetings, synopsis meeting and the viva voce examination.

A faculty member who is to retire within 3 years may be permitted to become a guide to a new scholar with another faculty member as co-guide, who is not likely to retire within 5 years, at the time of registration itself. On retirement, the faculty member will continue to be a guide and will be invited to the Doctoral Committee meetings, synopsis meeting and viva voce examination.

CSIR and other Emeritus Fellows / Scientists / Emeritus Professors, who hold office at this Institute for a period of 2 years or more, can become co-guides for scholars along with a guide from IIT Mandi, with at least 5 years service still left at the time of registration of the scholar.

In case of external registration, there will be a co-guide from the place of work of the candidate and the co-guide should have Ph. D. in the relevant discipline and be active in research.

In case a faculty member who is a guide goes on leave exceeding one year duration, another faculty member will be identified to become a co-guide of the research scholar.

The induction of new guides after 3 years of registration of a research scholar will be considered by the Doctoral Committee and recommended to office of the Dean, Academic Research for approval.

R.8 Change/Addition of guide

The Doctoral Committee of a research scholar may recommend change of guide or appointment of a co-guide for valid reasons to the Dean, Academic Programme for approval.

R.9 Doctoral Committee

The Head of the School will intimate to the Dean, Academic Research, for each scholar the area of research, the name(s) of the guide(s). The Head of the school may

constitute the Doctoral Committee (DC) for a research scholar within 8 weeks of the date of joining of the scholar.

The following is the composition of the Doctoral Committee(DC):

1 Head of the School or his nominee (If the Head happens to be the Guide of a scholar, the senior most Professor / previous Head of the school will be nominated by Chairman, Senate) ... **The chairman**

The Head may nominate the Chairman for a scheduled meeting of DC, if he/she is otherwise engaged. The Head must be present for comprehensive Exam / Synopsis / Thesis report / Viva voce meetings of the Scholar

2. Research Guide or Guides ... **Member(s)**

3. A minimum of two faculty member of the school nominated by the Chairman, Doctoral Committee in consultation with the guide(s) ... **Member**

4. A minimum of one faculty member of the institute or allied Institutions nominated by the Chairman, Doctoral Committee in consultation with the guide(s) ... **Member**

In case any member goes on leave exceeding one year duration, or resigns or retires from the Institute, the Chairman, Doctoral Committee will nominate another member on the suggestion of the Guide(s).

Scientific/Design staff and others who are eligible to guide Ph.D. scholars may be nominated as members of the Doctoral Committee.

R.10 Registration

(a) The Doctoral Committee will meet normally within a month of being constituted, where the research scholar will make a presentation. The Doctoral Committee will fix/approve the date of registration for the Ph.D. programme, consider the proposed research topic and prescribe/approve the courses of study in this meeting.

(b) On the basis of prior work carried out before admission, a research scholar employed in IC & SR project may be given advanced standing on the recommendation of the Doctoral Committee with adequate justification and allowed registration from a date 6 months prior to the date of admission to the programme,. Based on the recommendation of the Doctoral Committee, the Senate may, additionally permit backdating the registration by a further period of 6 months.

R.11 Course Work

The Doctoral Committee will normally prescribe two core courses for the student and four electives, out of which at least two courses must be completed. The prescribed courses shall be postgraduate level courses of the Institute.

- (a) Ph.D research scholars in the Engineering/Sciences/ Humanities and Social Sciences shall complete four courses.

In cases where the scholar is directly admitted to the Ph. D Programme in Engineering with a Bachelor's degree in Engineering/ Technology or with a Master's degree in science, wherever eligible, or where the research scholar converts registration from M.S/M. Tech programme to Ph.D programme, the scholar should successfully complete 8 courses, 3 core courses for the student and a minimum of 5 elective courses, prescribed by the Doctoral Committee.

In the case of a scholar converting to the Ph. D Programme in Engineering from the M.S/M. Tech Programme at IIT Mandi, the courses already successfully completed by the scholar in the Master's Programme may be considered by the Doctoral Committee for the course work requirements.

Changes in prescribed courses shall be made only by the Doctoral Committee. The Doctoral Committee may prescribe additional courses for a scholar wherever found necessary.

- (b) The Doctoral Committee may allow transfer of credit for courses already undergone by a research scholar in this Institute or other Institutions, provided they are the same or equivalent to those prescribed, and the performance level of the scholar in them meets the minimum requirements. The Doctoral Committee may prescribe additional courses for research scholars wherever found necessary.

(c) **Grades**

Based on the semester performance, each student is awarded a final letter grade from A+ to F in ten point grade system at the end of the semester in each course. Research scholars shall obtain a minimum CGPA of 7.5 in the courses taken subject to a minimum of "C" grade in the prescribed courses. If more than the minimum required courses have been taken, only the courses with the best performance will be considered for computing the CGPA. A student is considered to have completed a subject successfully and earned the credits if he secures a grade other than F.

R.12 Progress Report

- (a) A registered research scholar shall submit a written report to the Doctoral Committee in the required format, annually for the first three years, and every six months thereafter.
- (b) The progress made by a research scholar shall be reviewed by the Doctoral Committee once a year for the first 3 years and every six months thereafter. Continuance of registration and award/continuance of scholarship/Research Assistantship will be based on the recommendation of the Doctoral Committee.

In the case of research scholars under external registration or working on a part time basis, the Doctoral Committee will pay particular attention to the quantum of effort put in

by the scholar towards doctoral studies for its progress. Inadequacy of effort/progress can be a reason for cancellation of registration.

R.13 Comprehensive Examination

(a) Every Ph.D scholar shall take and perform satisfactorily in a Comprehensive Examination in his/her school. The Comprehensive Examination shall be conducted by a Comprehensive Examination Committee of the school, consisting of the Doctoral Committee members of the scholar and at least two other faculty members of the Institute nominated by the Chairman of Doctoral Committee.

(b) If the performance of a research scholar in the Comprehensive Examination in the first attempt is not satisfactory, he/she will be given one more opportunity to appear for the comprehensive examination within six months of the first attempt.

The registration of a research scholar who fails to complete successfully the Comprehensive Examination in both attempts, may be allowed to convert his/her registration from Ph. D to M.S. programme if he/she so desired, with the consent of the guide and the approval of the Doctoral Committee, otherwise his/her registration will be cancelled.

(c) The objective of the Comprehensive Examination is to test the general capability of the research scholar and the breadth of his/her knowledge in his/her discipline and areas related to his/her field of research. The Comprehensive Examination will usually consist of a written test and oral examination or an oral examination.

The Comprehensive Examination Committee shall intimate to the research scholar sufficiently in advance the scope of the Comprehensive Examination, so as to enable the scholar to prepare adequately for it.

(d) The Ph. D research scholars are normally expected to complete successfully the Comprehensive Examination within a year after his/her registration in the Ph. D programme and in any case not later than two years after his registration in the Ph. D programme.

R.14 Enrolment

All research scholars who are in residence and whose registration is still in force, are required to enroll in person each semester on the stipulated date till their submission of thesis after payment of the requisite fees. Those, not in residence, may pre-enroll in absentia during the stipulated period after payment of the requisite fees. The enrolment will be completed only after successful completion of progress meeting during the semester. The enrolment will be cancelled if the progress is not satisfactory.

R.15 Minimum Period of Registration/Residential Requirement

(a) The minimum period of study and research for regular full time research scholars required at the Institute from the date of registration for the Ph.D. Programme in

engineering to the date of submission of Ph.D. thesis shall be 24 months for research scholars with Master's Degree in Engineering / Technology 36 months for research scholars with Master's Degree in Sciences, for research scholars directly admitted to the Ph. D Programme with Bachelor's degree in Engineering / Technology and for research scholars who update from the M.S/M. Tech Programme at IIT Mandi to the Ph. D Programme.

(b) The minimum period of study and research for regular full time research scholars from the date of registration for the Ph. D Programme in Sciences, Humanities and Social Sciences to the date of submission of the Ph. D thesis shall be 24 months.

(c) The minimum residential requirement for the Ph.D. scholar under external registration and research scholars working on a part time basis not employed in the Institute is one semester.

(d) Withdrawal from the programme is permitted for a semester or longer for reasons of ill health or other valid grounds as duly recommended by Doctoral Committee.

R.16 Maximum Duration of Programme

Ph.D. Research Scholars should submit the thesis within 5 years from the date of registration. The Doctoral Committee may extend the period of submission of the thesis further by 2 years for regular full time research scholars with an additional year for (i) research scholars under QIP, (ii) research scholars who are staff members of the institute, (iii) research scholars under external registration, (iv) research scholars working on a part time basis and (v) research scholars working for projects.

R.17 Withdrawal from the programme

A scholar may be permitted by the Dean, Academic Research to withdraw from the programme for a semester or longer for reasons of ill health or other valid grounds duly recommended by the Doctoral Committee. Normally a scholar will be permitted to discontinue from the programme only for a maximum continuous period of two semesters.

R.18 Cancellation of Registration

(a) The registration of a research scholar whose progress is not found to be satisfactory by the Doctoral Committee or who has not enrolled is liable to be cancelled.

(b) The registration of a research scholar who has not submitted his/her thesis before the end of the maximum permissible period as in **R.17** will be cancelled.

R.19 Reversion of converted Ph. D Registration to Master's Programmes

(a) i) A research scholar who has converted his/her M.S. registration to Ph. D, may apply for reversion to the M.S. Programme under the supervision of the same guide(s) with the consent of the guide and the approval of the Doctoral Committee, if he/she so

desires and if he/she has completed three years after the date of original M.S registration.

(ii) If a research scholar, who has converted his/her M.S. registration to Ph. D, fails to pass the comprehensive examination in two attempts, he/she will be reverted to the M.S. Programme with the consent of the guide and the approval of the Doctoral Committee.

The Doctoral Committee will consider the application only if the scholar has completed all the course requirements prescribed originally by the Academic Progress Committee when the scholar registered for the M.S. programme and if the research work carried out till date is found suitable for submission as an M.S. thesis. If the application is found acceptable, the Doctoral Committee may communicate about the reversion of registration to the Dean, Academic Programme. If the reversion is approved, the Doctoral Committee will continue to function as the Academic Progress Committee till the completion of the scholar's M.S. programme.

The scholar must complete the requirements of the M.S. degree within a maximum period of one year from the date of reversion of the registration from Ph. D to M.S.

(b) i) A research scholar who has converted his/her M. Tech registration to Ph. D, may apply for reversal of registration to the M. Tech programme with the consent of the guide and the approval of the Doctoral Committee.

ii) If a research scholar, who has converted his/her M. Tech registration to Ph. D, fails to pass the comprehensive examination in two attempts, he/she will be reverted to the M. Tech Programme with the consent of the guide and the approval of the Doctoral Committee. If the Doctoral Committee approves the reversal of registration, and the same is communicated to the Dean, Academic Programme, the scholar must complete the requirements of the M. Tech degree within a maximum period of one year from the date of reversal of the registration from Ph. D to M. Tech.

R.20 Conversion of Ph. D Registration to MS Programmes

The Ph. D registration of a research scholar who fails to complete successfully the Comprehensive Examination in both attempts, will be given an option to convert his/her registration from Ph. D to M.S. programme with the consent of the guide and the approval of the Doctoral Committee, if he/she so desired, otherwise his/her registration will be cancelled.

The procedure for Ph. D scholars of Engineering / Management Department to convert to MS after failing in the second attempt of Comprehensive Examination is given below :

i) First, the Ph.D. scholar has to formally convey his/her request to exercise the option for conversion of registration to the M.S. (by Research) programme to the concerned Guide(s) for his consent and Head of the school soon after he/she is informed of his/her failure in the second attempt of the Comprehensive Examination.

ii) The Doctoral Committee must consider for approval the Ph.D. scholar's request for conversion to the M.S. (by Research) programme within one week from the date of receipt of the same from the concerned scholar.

iii) Following the approval the decision of DC may be communicated to the Dean Academic Programme, the DC will become the Academic progress Committee for the scholar and the same Guide will continue.

iv) The duration of the scholar's M.S. (by Research) programme shall not be more than 3 years from the date of first registration in the Ph.D. programme.

v) In its first meeting following the conversion of registration, the Academic Progress Committee will take into account the credits earned by the scholar in the courses already undergone by him/her as a part of the Ph.D. programme. Further one more course may be prescribed by the Academic Progress Committee of the scholar to satisfy M.S. programme norms. This is not applicable to scholars who are directly admitted into the Ph.D programme.

R.21 Synopsis

(a) On satisfactory completion of the prescribed courses, the comprehensive examination and the research work, the scholar shall submit the requisite copies of the synopsis of his/her research work in the required format through the guide(s) for consideration of the Doctoral Committee. Prior to submission of the synopsis, the scholar is required to give at least two seminar talks on the topic of his/her research. The scholar should have at least one paper either published or accepted for publication in a refereed journal. The Doctoral Committee may consider exceptional cases, which will be reported to Senate.

(b) The research scholar shall present the synopsis before the Doctoral Committee. The Doctoral Committee will, if it approves the work reported in the synopsis, permit the research scholar to submit the thesis and recommend a panel of at least ten examiners, five from the country but outside the institute and five from institutions outside the country, which will not include any of the current research collaborators of the guide(s) or the scholar.

R.22 Submission of Thesis

The research scholar shall, within one month of acceptance of the Synopsis, submit requisite copies of the thesis and abstract of the thesis as stipulated. The Doctoral Committee may grant additional time beyond one month on request from the scholar for valid reasons.

R.23 Panel of Examiners

The thesis shall be referred to two examiners, one from within the country and one from outside, chosen by the Chairman, Senate or his nominee from among the panel of examiners recommended by the Doctoral Committee at its synopsis meeting.

R.24 Thesis Report

(a) The examiner is expected to send the report on the thesis within two months from the date of receipt of the thesis.

(b) In case of undue delay in receiving the thesis report, the Chairman, Senate or his/her nominee shall appoint another examiner in his/her place for evaluating the thesis.

(c) If one of the two thesis examiners declares the thesis as not recommended, the thesis shall be referred to a third examiner from the panel for his/her evaluation.

(d) If an examiner suggests resubmission of the thesis, after revision, the research scholar will be allowed to resubmit the thesis within the time stipulated by the Doctoral Committee failing which the revised thesis will not be accepted and his/her registration will be cancelled.

(e) If two examiners, after referral to a third examiner, if necessary, report the thesis as not recommended, the registration of the scholar shall stand cancelled.

(f) If reports of two examiners after referral to a third examiner, if necessary, declare the thesis as 'recommended' the Doctoral Committee will consider the reports and recommend for conduct of viva voce which will be conducted normally not earlier than two weeks from the date of the constitution of the viva voce board.

The Doctoral Committee will suggest a panel of at least four expert members out of which one member will be nominated for the viva voce board.

(g) In all other cases, not covered by the above Regulations the matter will be referred to the Doctoral Committee for consideration.

R.25 Viva Voce Examination

(a) The following is the composition of the viva voce Board:

1. Head of the school (if the Head happens to be the Guide of the research scholar, the Senior most Professor/previous Head, will be nominated by the Chairman, Senate or his nominee) **Chairman**

2. One of the examiner of the thesis **Member**

3. Research Guide(s) **Member(s)**

4. A Specialist either from the Institute or outside from the panel approved by the Doctoral Committee and nominated by the Chairman, Senate or his nominee...**Member**

(b) The Doctoral Committee members of the Research Scholar concerned will be invitees to the viva voce.

(c) The viva voce board will examine the scholar on his/her thesis work and evaluate his/her performance as satisfactory or otherwise.

The viva voce board will ensure that there is an open defense of the thesis in presence of interested audience and the Board, and the scholar answers satisfactorily the questions raised by the thesis examiner(s).

(d) If the report of the viva voce board declares the performance of the research scholar not satisfactory, he/she may be asked to reappear for viva voce at a later date (not earlier than a month and not later than six months from the date of the first viva voce). On the second occasion, the viva voce board will also include the members of the Doctoral Committee.

(e) If the viva voce board on the second occasion also evaluates the performance of the research scholar not satisfactory, the registration of the scholar will be cancelled but an appeal against this decision may be considered by the Senate.

(f) The viva voce board may also recommend revision to be made in the final version of the thesis after taking into consideration suggestions of the examiners who evaluated the thesis and the discussion at the viva voce.

The Chairman of the viva voce board shall forward the thesis to the academic section certifying that the revisions recommended by the viva voce board, if any, have been incorporated in the copy of the thesis along with the report of the viva voce board.

(g) All the research scholars shall submit one digitally authenticated soft copy of the final form of thesis and a hardbound copy in A5 size after the viva voce board recommends the award of the Ph. D degree.

R.26 Award of Ph. D Degree

If the performance of the research scholar in the viva voce is satisfactory, he/she will be awarded Ph. D. degree on the recommendation of the Senate and with the approval of the Board of Governors of the Institute. The award of Ph. D degrees to the scholars, who have completed all the requirements for the award of Ph. D degree, as and when approved by the Senate and Board of Governors, will be considered on request so as to reduce the period of waiting by scholars for getting the degrees.

R.27 Ethics and Integrity

Every scholar is required to maintain ethics and integrity in his conduct and carry out his academic work without blemishes of plagiarism or unfair means. He/ She is required to observe disciplined and decorous behaviour both inside and outside the campus and should not indulge in any activity, which will tend to bring down the prestige of the Institute.

Any unethical behaviour or lack of integrity or indiscipline on the part of a scholar reported to the Dean of Academic Research will be referred to an Ethics and Discipline Committee nominated by the Senate from time to time. The committee will investigate

the charges and will recommend suitable punishment if it finds the charges substantiated. The recommendation of the Committee will be considered by the Dean of Academic Research to take appropriate action. The Dean will report the action taken at the next meeting of the Senate.

Appeal: The scholar may go in for appeal to the Chairman of the Senate whose decision will be final.

R.28 Power to Modify

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