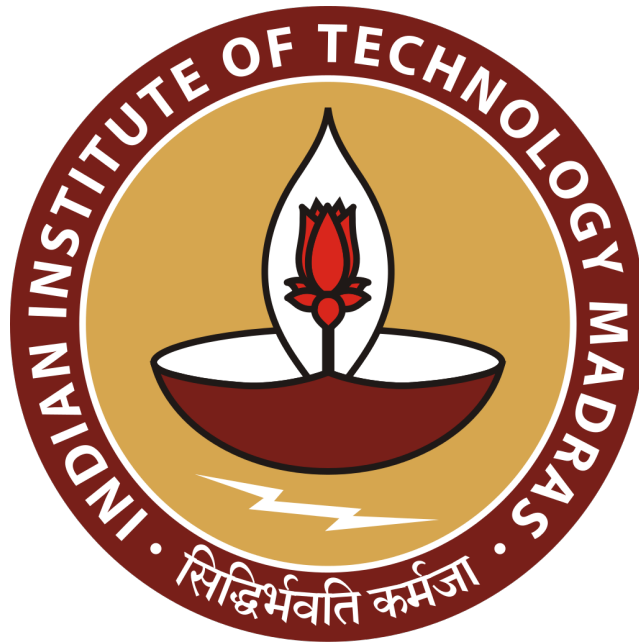


PHD ORDINANCES AND REGULATIONS

Revised upto the 306th Meeting of the Senate



Indian Institute of Technology Madras

Chennai – 600036

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NOMENCLATURE

AICTE	All India Council of Technical Education
CFTI	Centrally Funded Technical Institute (as declared by MoE) HTRA
CGPA	Cumulative Grade Point Average
CSIR	Council of Scientific and Industrial Research
DC	Doctoral Committee for PhD scholars
DST	Department of Science and Technology in India
GTC	General Test Committee for MS scholars
HTRA	Half-time Research Assistantship awarded by IITM
HoD	Head of the Department
IC&SR	Center for Industrial Consultancy & Sponsored Research at IITM
IIM	An Indian Institute of Management under MoE, India
IISc	Indian Institute of Science, Bengaluru
IIT	An Indian Institute of Technology under MoE, India
IITM	Indian Institute of Technology Madras
JRF	Junior Research Fellowship
MoU	Memorandum of Understanding
PG	Postgraduate degree
QIP	Quality Improvement Program of AICTE
R&D	Research and Development
RKA	Registration Kept Alive
UG	Undergraduate degree
UGC	University Grants Commission

DEGREES

Ph.D	Doctor of Philosophy <ul style="list-style-type: none"> • Regular Ph.D for those joining after a Master's degree • Direct admission to M.S+Ph.D in Engineering/ Management for those joining after B.E/B.Tech • Upgraded Ph.D in Engineering/ Management for those upgrading from M.S or M.Tech
M.S	'Master of Science' or 'Master of Science by Research' in Engineering/Technology/Management
52 M.S(E)	Master of Science by Research (Entrepreneurship)
M.S(AR)	Master of Science (Applied Research)
M.E	Master of Engineering (2 year programme)
M.Tech.	Master of Technology (2 year programme)
M.Sc	Master of Science (2 year programme in sciences)
M.A	Master of Arts (2 year programme)
M.B.A	Master of Business Administration (2 year programme)
B.E	Bachelor of Engineering (4 year programme)
B.Tech	Bachelor of Technology (4 year programme)

EXAMINATIONS

GATE	Graduate Aptitude Test in Engineering administered by IISc/ IITs
CSIR-NET	National Eligibility Test administered by CSIR for award of JRF in Physical, Chemical, Mathematical, Earth Atmospheric Ocean & Planetary and Life Sciences
53 UGC-NET	National Eligibility Test administered by UGC for JRF award in Humanities, Social Sciences, Environmental Sciences, Forensic Science, Computer Science & Applications, Electronic Science.
CAT	Common Admission Test administered by IIMs Graduate Management Admission Council (GMAC)
TOEFL	Test Of English as Foreign Language administered by ETS

ORDINANCES AND REGULATIONS

PHD ORDINANCES

- 54 PhD-O.1 A candidate who has qualified for the award of the Master's degree from a recognized
55 institute or university in a discipline as prescribed in the regulations of the Senate is
56 eligible to apply for the PhD programme of this Institute.
- 57 PhD-O.2 A candidate who has qualified for the award of Bachelor's degree, and with a good
58 academic record in the discipline as prescribed in the regulations of the Senate, is
59 eligible to apply for the direct MS + PhD program in engineering/management of this
60 Institute.
- 61 PhD-O.3 The award of the PhD degree shall be in accordance with the regulations of the Senate
62 of this Institute.

PHD REGULATIONS

63 PhD-R.1 CATEGORIES OF ADMISSION

- 64 Candidates will be admitted to the Ph.D programme of the Indian Institute of Technology Madras
65 (IITM) under one of the following categories, with requirements as given below.

Category	Remarks
Regular-HTRA	Half-Time Research Assistantship (HTRA) from IITM.
Regular-Fellowship	Funding from outside agencies such as UGC, CSIR, industry, etc.
Regular-Project-HTRA	Funding through a project administered by IC&SR at IITM.
Regular-Project-NHTRA	Funding through a project administered by IC&SR at IITM without eligibility for conversion to HTRA.
External	Sponsored by and employed in an industry, organization, or institution having R&D facilities and recognized by DST(DSIR) or IITM. Candidates should have at least 2 years of relevant work experience. International Faculty can apply to the PhD programme at IIT Madras under the External Category. A Co guide at the home institution is not needed for such candidates. 298th Senate Res. No 44/2022
Part-time	Should be employed in a reputed industry, organization, or institution located within commutable distance of IITM. Candidates should have at least 2 years of relevant work experience.
Staff	Should be employed as a permanent staff member of IITM with at least 2 years of experience.
QIP	Should be sponsored by AICTE under the Quality Improvement Program (QIP) through the Centre for Continuing Education (CCE) at IITM.

- 66 (a) Scholars registered for any of the Regular categories are considered full-time scholars.

- 67 (b) For admission under **Regular-HTRA**, **Regular-Fellowship** and the **Regular-Project-HTRA**
68 category, departments will adopt common shortlisting criteria and have a common merit list.
- 69 (c) **Project-NHTRA** admissions can happen in two ways:
- 70 (i) Project staff of IC&SR, who have successfully completed two approved courses at IITM
71 (total credits ≥ 18) with CGPA ≥ 7.5 , and have obtained at least a 'C' grade in each
72 course, can be selected through an interview, without having to take a written test. They
73 can join the programme after gaining at least 12 months experience in a project.
- 74 (ii) Project staff of IC&SR, who have gained at least 12 months experience in a project, can be
75 selected through a written test and interview. This selection will be for project-NHTRA
76 applicants who do not meet the course requirement criteria.

77 The provisions above are also applicable to project staff working in the IITM research park.

78 **286th Senate Res. N^o 96/2019** **291st Senate Res. N^o 5/2021**

- 79 (d) A research scholar under the **External** category will carry out his/her research work in his/her
80 organization under the supervision of a guide at IITM, and a co-guide employed in the orga-
81 nization. An external scholar employed in the IITM Research Park need not have a co-guide
82 from his/her organization.
- 83 (e) **External and part-time** scholars have a minimum residential requirement of one semester.
84 Part-time scholars will be permitted to undergo course work without the residential requirement,
85 with the permission of their employer.
- 86 (f) Scholars admitted under the Regular-HTRA category can move to the Regular-Project-HTRA
87 category and revert to the Regular-HTRA category, if necessary.
- 88 (g) Scholars admitted under the Regular-Project-HTRA category can move to the Regular-HTRA
89 category, provided they have been funded by a project for a duration of at least one year.
- 90 (h) Scholars admitted under the Project-NHTRA/Part-time/External categories cannot move to the
91 Regular-HTRA category at any time. **286th Senate Res. N^o 96/2019**
- 92 (i) Interdisciplinary (ID) Ph.D programme: Admission of scholars to the ID programme will
93 be based on an interdisciplinary research proposal, needed as part of the selection procedure
94 formulated by the IDRPs committee. (Please refer to the admission brochure for details of the
95 areas of research.)
- 96 (j) The medium of instruction and communication for academic research shall be English (eg.
97 DC Reports, synopsis, title of the thesis in the degree certificate, seminar presentation etc.)
98 Research publications arising out of the Ph.D work can be in any appropriate language. For
99 Ph.D theses, the language to be used will be English. However, if the subject matter so requires,
100 the thesis can be written in any language with the approval of the doctoral committee. The
101 thesis and its English-translated version, certified by the guide(s), must be submitted together
102 for evaluation. **278th Senate Res. N^o 88/2017**

103 **PhD-R.2 ELIGIBILITY FOR REGULAR PH.D, DIRECT ADMISSION TO THE**
104 **M.S+PH.D PROGRAMME, UPGRADED PH.D**

105 **All the applicants should have a good academic record.**

106 There are three modes of admission in which a candidate can be admitted to the Ph.D programme –
107 regular Ph.D, direct M.S + Ph.D and upgraded Ph.D.

108 The minimum qualifications for each of the various modes are as follows:

109 **These qualifications should be in relevant areas/disciplines as provided by the respective de-**
110 **partments in the brochure released with the admission notice.**

111 The brochure will also include details about inter-disciplinary research areas. Short-listed candidates
112 will be called for a “**test and interview**” or “**interview**” by a selection committee in the respective
113 departments.

114 **PhD-R.2.1 Minimum Qualifications for Admission to the Regular Ph.D programme**

115 Candidates applying for the Ph.D programme in one of the following areas need to have **any one** of
116 the minimum qualifications mentioned in the table below.

Area	Minimum Qualifications	
	Educational Qualifications	Additional Qualifications
Engineering	<ul style="list-style-type: none">• M.E/M.Tech/M.S by Research in Engineering/5-year integrated Masters/Dual Degree in engineering.• 2 year M.Sc from IITs (entry through JAM) with CGPA ≥ 8• B.S+M.S (5-year integrated) from CFTI with CGPA ≥ 8	None

- M.Sc from any recognized university or Institute.
- For applied mechanics, M.Sc degree holders in physics, mathematics, statistics, electronics, instrumentation, chemistry, nanoscience, nanotechnology, material science, and with a good academic record from any recognized university/institute are also eligible. **295th Senate Res. N^o /2022**
- For civil engineering, M.Sc degree holders in the relevant discipline from any recognized university/institute are eligible. **278th Senate Res. N^o 73/2017**
- For electrical engineering, M.Sc degree holders with a good academic record from any recognized university/institute are also eligible. **295th Senate Res. N^o /2022**
- For Computer Science and Engineering, BSc (Maths/Stats/CS) + MSc (Maths/Stats/CS) holders from any recognized Institute/ University provided they have a valid GATE score (in CS/MA), or UGC-NET/CSIR NET/NBHM/Inspire or equivalent qualification tenable for the year of registration, are also eligible. **299th Senate Res. N^o 57/2022**

Valid GATE score/ UGC-NET/CSIR-NET/NBHM/ Inspire or equivalent qualification tenable for the year of registration. In case of candidates with more than 5 years relevant experience after the M.Sc, the requirement of a test score may be waived by the selection committee.

Engineering Design	<p>Master's degree in Aerospace, Automobile, Biomedical, Civil, Computer Science, Electrical, Electronics, Engineering Design, Engineering Physics, Instrumentation, Mechanical, Metallurgical, M.S (Medicine), M.D, M.D.S with minimum first class, Naval Architecture, Production/Manufacturing Engineering, or Master's degree in Design (M.Des) or M.Tech (Industrial Mathematics.)</p> <p>282nd Senate Res. No 101/2018</p>	
Sciences	<ul style="list-style-type: none"> • M.E/M.Tech or M.S by Research in engineering or 2 year M.Sc from IITs (entry through JAM) with CGPA ≥ 8 • B.S+M.S, or 5-year integrated degree from CFTI 	None
	M.Sc from IITs with CGPA < 8 , M.Sc from other institutions.	Valid GATE score/UGC-NET fellowship/CSIR-NET fellowship/NBHM Ph.D scholarship or equivalent qualification, tenable for the current year of admission.
Humanities and Social Sciences	Master's degree/dual-degree or equivalent in a relevant discipline and qualifying UGC-NET or JRF/CSIR-JRF/GATE score or equivalent qualification, tenable for the current year in the relevant area or an international-level post graduate admission examination such as GRE.	Candidates with only a GRE (or equivalent international-level post graduate admission examination) score are not eligible for HTRA.
Management	Master's degree/two-year PG diploma in relevant discipline and a Bachelor's degree (minimum 5 years of undergraduate and post graduate education) or five-year integrated Master's degree/dual-degree or equivalent in a relevant discipline.	CAT/GATE/UGC-NET/CSIR-NET/GMAT/GRE or equivalent. Candidates with an MBA/two-year PG diploma from a CFTI with CGPA ≥ 8 do not need a national-level examination to avail fellowship. Candidates with only GRE/GMAT scores not eligible for HTRA.

Medical Sciences and Technology	<p>Master's degree in Biomedical, Biotechnology, Biological/Biochemical Sciences, Chemical, Civil (structural), Computer Science, Engineering Design, Electrical, Electronics, Engineering Physics, Instrumentation, Mechanical, Material Science, Naval Architecture, Production/Manufacturing, Robotics/Automation, Data science, or Master's degree in Design (Engineering, M.Des.) or M.Tech. in Industrial Mathematics or MS (Medicine), MD, MDS, Master of Physiotherapy/Sports Physiotherapy/Sports.</p> <p>305th Senate Res. No 51/2023</p>	<p>M.Sc. graduates require a valid GATE score.</p> <p>305th Senate Res. No 51/2023</p>
Data Science and Artificial Intelligence	<p>PG degree in Engineering / Technology.</p> <p>306th Senate Res. No A.14</p>	<p>None</p>

117 **NOTES**

- 118 (a) The departmental selection committees may set more stringent criteria than the minimum
119 educational qualifications listed above.
- 120 (b) For external/part-time/staff categories, the requirement of a valid GATE score or CSIR/UGC
121 JRF or Lectureship/NBHM/CAT or equivalent qualification is waived.
- 122 (c) The departmental selection committees may consider meritorious candidates from disciplines
123 other than those listed in the admission brochure, if there is a good match between the educa-
124 tional/research backgrounds of the candidates and the proposed areas of research.
- 125 (d) Master's degree (M.E/M.Tech/M.S) implies a two-year PG program from an accredited uni-
126 versity.
- 127 (e) Departmental selection committees may consider candidates with a one year PG degree from
128 accredited universities for direct admission to the M.S+Ph.D programme **PhD-R.2.2**. Courses
129 completed in the one-year PG program may be considered by the doctoral committee **PhD-R.7**
130 towards the course requirements. Such scholars will be eligible for HTRA only if they qualify
131 in GATE or an equivalent national-level examination.

132 (f) Ph.D candidates employed in govt. R&D organizations, public-sector undertakings, or
 133 DST(DSIR) approved organizations with at least 2 years of relevant experience, can be consid-
 134 ered for selection under the regular-HTRA category for 3 years. This is subject to furnishing a
 135 “No Objection Certificate” and a commitment letter from the parent organization that they will
 136 be given study leave without salary for a minimum period of 3 years. At the time of admission,
 137 such candidates need to submit the relieving order as well as a “leave without pay” sanction
 138 letter from the parent organization. **281st Senate Res. No 72/2018**

139 **PhD-R.2.2 Minimum Qualifications for Direct admission to M.S+Ph.D**

140 Candidates with BE/B.Tech are eligible for direct admission to the M.S+Ph.D programme as a regular
 141 full-time scholar in engineering/management, subject to any one of these requirements:

Educational Qualifications	Additional Qualifications
B.S/B.E/B.Tech from a Centrally Funded Techni- cal Institute (CFTI) with CGPA \geq 8.	None
B.S/B.E/B.Tech from a CFTI with CGPA < 8	Valid GATE score
BE/B.Tech from any other university, with CGPA \geq 8 (or equivalent).	Valid GATE score
For Computer Science and Engineering , in addition to the above, M.Sc.(Mathematics) or M.Sc.(ComputerScience) from a CFTI, or a highly-recognized institute such as the Indian Sta- tistical Institute or the Chennai Mathematical In- stitute, and CGPA \geq 8.	Valid GATE(MA) or GATE(CS) score. 284th Senate Res. No 37/2019
For Engineering Design , MBBS/BDS degree with at least first class, in addition to the above. 282nd Senate Res. No 101/2018	Valid NEET PG qualifying score.
For Medical Science and Tech- nology , MBBS/BDS degree. 305th Senate Res. No 51/2023	Valid NEET PG qualifying score. 305th Senate Res. No 51/2023
For Data Science and Artificial Intelligence , Any 4 year UG degree of IITs / CFTIs / UGC / AICTE. or a Master’s degree in appropriate Engi- neering / Technology. 306th Senate Res. No A.14	Valid GATE score in AE, AG, BM, BT, CE, CH, CS, DA, EC, EE, ES, IN, MA, ME, MN, MT, NM, PE, PI, ST. 306th Senate Res. No A.14

143 • Regular full-time candidates in their final year prior to graduation may also apply for direct
 144 admission to the M.S + Ph.D programme. Admission of such scholars will be subject to their
 145 qualifying GATE prior to joining, failing which their admission offer will be canceled.

146 • External candidates with a proven research record do not need a GATE score.

147 In addition, top 10% of the students in their 3rd year of their Bachelor's degree in other institutions
148 (which enter into a specific MoU with IITM in this regard) can apply for direct admission to the
149 M.S+Ph.D programme.

150 (a) Selected students will move to IITM in their 4th year.

151 (b) Credits earned during the first year of direct admission to the M.S+Ph.D programme at IITM
152 shall have equivalence to credits needed for the 4th year of the BTech in their parent institution.

153 (c) These credits will be transferred to that institution for the award of the BTech degree.

154 (d) The scholars are eligible for HTRA for 5 years, after completing their first year of stay
155 successfully at IITM and qualifying in GATE. **Students from CFTIs with a CGPA \geq 8 on a
156 10.0 point scale will be eligible for HTRA (without GATE).**

157 (e) If the student does not perform well in courses at IITM, (s)he will be transferred back to the
158 parent institute along with the credits earned.

159 (f) The candidate should complete the candidacy viva within 5 semesters after joining IITM.

160 (g) A student who is deemed incompetent *or is otherwise unable to continue* in the direct M.S +
161 Ph.D program will be allowed to drop out at any time after the 5th year of joining the BTech
162 programme. The student's BTech credits completed at IITM will be transferred to the parent
163 institute.

164 **PhD-R.2.3 Minimum Qualifications for Upgrading to the Ph.D Programme**

165 Candidates registered for M.S/MTech/MSc at IITM are eligible for upgradation to the Ph.D program
166 in the same department, if they satisfy the following criteria:

167 (a) For M.Tech – completed four courses during the first semester and obtained a CGPA \geq 8.
168 **290th Senate Res. No 65/2020**

169 (b) For M.Sc. – completed all the courses prescribed for the first 3 semesters, and with CGPA \geq 8.

170 (c) For M.S. – CGPA \geq 8 in the prescribed courses, with a minimum of three courses completed.

171 Upgrade requests should be submitted within 2 years from the date of joining. For M.S scholars who
172 have completed 2 years, the request for an upgrade may be considered if at least one journal paper
173 has been accepted/published.

174 **PhD-R.2.4 Option of Getting Two Degrees for Direct M.S+Ph.D and Upgraded Ph.D**

175 Direct M.S + Ph.D as well as upgraded Ph.D scholars are eligible to receive two degrees (MS/MTech/MSc
176 & Ph.D) if they have met the course requirements of the respective Master's programme and all the
177 requirements of the Ph.D programme, as given in **PhD-R.10** and **PhD-R.11**. The provisional certifi-
178 cate for the master's degree will be issued to the scholars on approval of the Ph.D synopsis by the
179 DC.

180 **PhD-R.2.5 M.Tech+Ph.D Dual-Degree program in Engineering Design Department**

181 The selection of candidates will be through the direct-Ph.D admission process.

182 **295th Senate Res. No 9/2022**

183 **PhD-R.3 FOREIGN NATIONALS**

184 Foreign nationals are those with foreign passports, including those who are PIO/OCI card holders.

- 185 (a) Foreign nationals can only register as full-time scholars. They are not eligible to receive HTRA
186 support.
- 187 (b) Foreign nationals who are PIO/OCI card holders are eligible for admission with the fee pre-
188 scribed for Indian nationals.
- 189 (c) Foreign nationals with eligible degrees from Indian universities (**PhD-R.2**) will be treated on
190 par with Indian nationals for admission, but with the prescribed fee for foreign nationals.
- 191 (d) Foreign nationals with foreign degrees must meet the minimum educational requirements
192 equivalent to an Indian degree (**PhD-R.2**) in the relevant disciplines. They should have a valid
193 score in the GMAT/GRE (or equivalent) examination in the relevant discipline.
- 194 (e) Foreign nationals whose medium of instruction in their UG and PG programmes was not
195 English should satisfy one of the following:
- 196 (a) IELTS with a minimum score of 6.5 (overall)
- 197 (b) TOEFL (internet based) : 80 (overall)

198 **PhD-R.4 SELECTION PROCEDURE**

199 Eligible candidates possessing the minimum educational qualifications (as per **PhD-R.2**), and sat-
200 isfying additional and possibly stiffer criteria set by the departments, will be called for a “test and
201 interview” or “interview” by departmental selection committees.

202 For candidates who have obtained their UG/PG degrees more than 10 years earlier (as on the last
203 date for the receipt of completed applications), a written test will be conducted.

204 Applications of foreign nationals may be considered without a test/interview.

205 Based on the academic record and the performance of the candidates in the test/interview, the
206 departmental selection committees will recommend suitable candidates to the Chairperson, Senate.

207 **PhD-R.5 ADMISSION**

- 208 (a) Candidates whose selection is approved by the Chairperson, Senate will be admitted to the
209 Ph.D program after payment of prescribed fees.

210 **PhD-R.6 REGISTRATION**

211 A scholar’s date of joining is the date of registration.

212 PhD-R.7 GUIDES AND CO-GUIDES

213 Guide allocation should be completed within 4 months of the scholar joining the Institute.

214 305th Senate Res. N^o 48/2023

- 215 • To supervise the progress of the scholar, an IITM faculty member shall be nominated as a
216 guide by the Dean(AR).
- 217 • In addition to the guide, at most one faculty member from IITM may be nominated as a
218 co-guide.
- 219 • A co-guide from outside IITM may be allowed with the approval of the Chairperson, Senate.

220 The minimum educational qualification for a co-guide is Master's degree in Engineering/
221 Management/ Sciences/ Humanities and Social Sciences with adequate professional
222 experience in the relevant field. 298th Senate Res. N^o 44/2022

223 In addition to the above,

- 224 (a) If the guide from IITM proceeds on leave for more than a year, another faculty member may
225 be appointed as a co-guide.
- 226 (b) A faculty member retiring within 5 years may be permitted to be a guide for a new scholar.
227 However, another faculty member with at least 7 years of remaining service at IITM will
228 be appointed as a co-guide when the scholar joins IITM. On retirement, the co-guide will
229 become the main guide and the retiring faculty member will continue as a co-guide. Before
230 allotment, the Head of the Department will evaluate the graduating capacity of the faculty and
231 consider the average time scholars take to graduate while working with the concerned faculty.
232 305th Senate Res. N^o 48/2023
- 233 (c) The appointment of co-guide, based on the recommendation of the Doctoral Committee (DC),
234 should be made within one year from the date of joining. Requests received after this will be
235 considered by the Dean(AR) on a case-by-case basis.
- 236 (d) The DC may recommend change of guide/co-guides or appointment of a co-guide for valid
237 reasons.
- 238 (e) CSIR/ other Emeritus Fellows / Scientists / Emeritus Professors, currently holding office at
239 IITM with an appointment period of at least one year, can be a co-guide along with a guide
240 (who has at least 3 years of service remaining).
- 241 (f) Faculty from other CFTIs/universities or experts from industries with a Master's degree, and
242 with adequate professional experience in the relevant field may be appointed as a co-guide,
243 based on the recommendation of the DC. If the co-guide's organization does not have an
244 MoU with IITM, he/she shall sign an Intellectual Property Rights (IPR) and Memorandum
245 of Agreement (MoA). IITM will have no financial obligation to the co-guide. The co-guide
246 approval by the Dean(AR) will be provisional, subject to his/her appointment as an adjunct
247 faculty by the (Board of Governors) BoG within 6 months of the provisional approval. The
248 term for such adjunct faculty will be for 5 years from the date of appointment.

249 The request to appoint a co-guide as adjunct faculty should be sent to the Dean(Admin) along
 250 with the recommendation of the department consultative committee (DCC). *Only adjunct*
 251 *faculty of IIT Madras are eligible to serve as co-guide.* 281st Senate Res. N^o 72/2018

252 (g) Co-guides of external category scholars from industries need not be adjunct faculty.
 253 281st Senate Res. N^o 72/2018

254 **PhD-R.8 DOCTORAL COMMITTEE**

255 The DC formation should be completed within 4months of the scholar joining the institute. The Head
 256 of the Department (HoD) will intimate to the Dean, Academic Research, for each scholar the area
 257 of research, the name(s) of the guide(s) and a panel of names, indicating the area of specialisation
 258 of faculty members for constitution of a Doctoral Committee, of the date of joining of the research
 259 scholar. The Committee will assess scholars progress periodically. 305th Senate Res. N^o 48/2023

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

HoD (or his/her nominee)	Chairperson of the DC
Guide/Co-Guide*	Member(s)
Minimum of 2 departmental faculty member+	Members nominated by the Chairperson, Senate (or his/her nominee) from the panel names suggested by the HoD.
Minimum of 1 faculty member from allied departments/institutions	

* co-guide is optional.

+ for the interdisciplinary PhD scholars, there will be one member from each of the respective departments of the guides.

262 There should be at least 4 DC meetings:

263 (a) **Orientation DC (0th DC):** To get the student familiar with the DC members, be made aware
 264 of their expectations, responsibilities, and grievance redressal mechanisms. This should be
 265 held within two weeks of guide allotment. 305th Senate Res. N^o 48/2023

266 (b) **Candidacy Examination (DC1)** 305th Senate Res. N^o 48/2023

267 (c) **Progress-Review Seminar (DC2):** The scholar shall deliver an open progress review seminar
 268 within 36 months from the date of joining. The DC will evaluate the seminar. If the seminar is
 269 not satisfactory, his/her enrollment will be suspended from the date of the seminar. If he/she
 270 chooses to change the registration from PhD to MS program, the request may be approved based
 271 on the DC's recommendation. If the DC does not recommend the conversion, the registration
 272 will be cancelled with effect from the seminar date. 305th Senate Res. N^o 48/2023

273 (d) **Thesis-Submission Approval Meeting (DC3):** The DC will meet for the thesis-submission
 274 approval meeting (DC3) as per the current practice. 305th Senate Res. N^o 48/2023

275 In addition, the scholar shall give the open seminar when he/she is ready to present his/her entire work.
 276 The scholar/guide(s) can request additional meetings at any time. 305th Senate Res. N^o 48/2023

- 277 (a) If the HoD is the guide, the senior-most professor/previous HoD will be nominated as the
278 Chairperson GTC by the Chairperson, Senate (or his/her nominee).
- 279 (b) The Chairperson, DC must attend synopsis/thesis report/viva-voce meetings.
- 280 (c) If a DC member goes on leave for more than a year or resigns/retires from IITM, the Chair-
281 person, Senate (or his/her nominee) will nominate another member on the suggestion of the
282 Chairperson, DC.
- 283 (d) The DC members from outside IITM must meet the same eligibility criteria as co-guides
284 **PhD-R.7**.
- 285 (e) The DC shall conduct periodic progress review meetings as outlined in **PhD-R.10**.
- 286 (f) All the DC members will be invited for all the meetings related to the scholar.
- 287 (g) All the decisions and recommendations made by the DC shall be minuted and forwarded to the
288 Dean(AR).

289 **PhD-R.9 ENROLLMENT**

- 290 (a) A scholar is required to enrol every semester after paying the requisite fees, until the submission
291 of the thesis.
- 292 (b) Enrolment has to be completed by the stipulated date, and should be approved by the HoD.
- 293 (c) Enrolment will be cancelled if progress is not satisfactory.
- 294 (d) Scholars belonging to the external category/part-time/RKA, and those who have temporarily-
295 withdrawn, or are on maternity leave, and those on academic duty with prior permission from
296 the Institute, are eligible to enroll in absentia during the stipulated period after payment of the
297 requisite fee.

298 **PhD-R.10 PH.D REQUIREMENTS**

299 The requirements in the order of completion for Ph.D are listed below.

Requirements	Expected time frame	Section
Course work	Within two semesters *	PhD-R.11
candidacy examination	Within three semesters *	PhD-R.12
Research Proposal Seminar (Seminar 1)	Within one year of passing the candidacy examination #	
Mid-term Review	Within 3.5 years of joining	
301 Research Colloquium (Seminar 2)	At least 6 months after the research proposal seminar and before the thesis approval meeting 295 th Senate Res. N ^o 09/2022 @	
Thesis-Approval Meeting	This meeting should be scheduled within 6 months of the research colloquium. 295 th Senate Res. N ^o 09/2022	PhD-R.13, PhD-R.14
Ph.D viva-voce examination		PhD-R.14, PhD-R.15

* Time frames are shown for Regular Ph.D scholars, only for indicative purposes. The exact time frame for different categories can be found in the respective sections indicated in the third column

The scholarship (HTRA) will continue beyond 30 months upon successful completion of Course work, candidacy Exam and Research Proposal Seminar.

@ Research colloquium within 24 months of Research Proposal Seminar

- 302 (a) For Interdisciplinary (ID) scholars, a 0th DC meeting has to be conducted, in which the courses
303 and the syllabus for the candidacy examination will be decided.
- 304 (b) Registered scholars should submit progress reports twice a year (15th June and 15th Dec.)
305 to the DC. The guides' assessment of progress and the approval of the Chairperson, DC are
306 required to enroll in the subsequent semester.
- 307 (c) The progress report of Ph.D scholars should consist of two parts: a short 2-page summary of
308 the work done, research output, and future plans; and a detailed description of the research
309 work and results, along with any publications resulting from the thesis work. The scholar
310 must also include a self-assessment of the research progress made in the reporting period, with
311 suitable justification. 295th Senate Res. N^o 09/2022
- 312 (d) Based on the report, DC members should categorize the scholar's progress as excellent, very
313 good, good, satisfactory, or not satisfactory. 295th Senate Res. N^o 09/2022
- 314 (e) In case the six-monthly progress report is considered 'unsatisfactory' by the guide and/or
315 Chairperson DC, a special DC is to be convened to review research progress.
- 316 (f) The oral part of the candidacy examination and the two seminars are considered to be DC
317 meetings.
- 318 (g) Beyond 5 years for regular Ph.D and 6 years for direct/upgraded Ph.D, progress meetings will
319 be held once every six months in the presence of the Dean(AR), or his/her nominee.
- 320 (h) In addition to the above, the HoD/Dean(AR) may decide to convene a special DC meeting(s)
321 based on the request from the scholar/guide, to address any issue(s) with respect to the research
322 progress of the scholar.

323 **PhD-R.11 COURSE WORK**

324 **PhD-R.11.1 General Guidelines**

- 325 (a) Courses that meet the minimum requirements shall be at the post-graduate level and will be
326 prescribed by the DC.
- 327 (b) The DC should prescribe a course basket with twice the number of required courses.
328 **295th Senate Res. N^o 09/2022**
- 329 (c) The DC may approve courses already undergone by the scholar in other Institutions towards
330 meeting the course work requirements at IITM. These courses must be equivalent to those pre-
331 scribed, and the scholar's performance in these courses must meet the minimum requirements.
332 *Courses already undergone by a scholar in IITM or other institutions shall not be considered*
333 *if they were part of the requirements for the award of any other degree/ diploma.*
- 334 (d) Contact courses may be allowed subject to the recommendation of the DC and approval by
335 Dean(AR).
- 336 (e) Scholars are expected to complete the course work requirements within 2 semesters. Scholars
337 joining the Ph.D programme directly after BE/BTech/BS are expected to complete coursework
338 within 3 semesters.

339 **PhD-R.11.2 Coursework Requirements for Research Scholars**

Discipline	Mode	Minimum Course Work	Minimum Credits
	Regular	4 courses from the basket prescribed by the DC, ID6020 and ID6021*	36
Engineering	Upgraded from M.S	8 courses from the basket prescribed by the DC, XX6999, XX7999, ID6020 and ID6021*	84 (72 + 12)
	Upgraded from M.Tech		
	Direct M.S+Ph.D		
M.Tech-Ph.D of Engineering Design (Dual Degree)	Regular for B.tech in relevant discipline in Physics	Course work: 12 courses prescribed by the DC, ED6999, ED7999. 72 credits need to be completed before appearing for the candidacy viva. Mini-project not required. Exit option (failed twice in the candidacy examination): M.Tech (108 Credits of course work + project work of 85 credits). 291st Senate Res. N^o 05/2021	120 (108 + 12)

Physics/ Chemistry/ Humanities/ Management	Regular	4 courses from a basket of 8 courses prescribed by the DC , ID6020, ID6021*	36
	Upgraded	4 courses from a basket of 8 courses prescribed by the DC , XX6999, XX7999, ID6020, ID6021*	48 (36+12)
	Direct	8 courses from a basket of 16 courses prescribed by the DC, XX6999, XX7999, ID6020, ID6021*	84 (72+12)
Mathematics	6 courses from a basket of 12 courses prescribed by the DC, totaling at least 60 credits. In addition, ID6020 and ID6021* must be taken.		60
	For upgraded scholars, 6 courses from a basket of 12 courses prescribed by the DC, totaling at least 60 credits + XX6999 only, along with ID6020, ID6021*.		66 (60+6)

340

341 * ID6021 is optional, to be decided by the DC

342 (a) Only the minimum required courses with the best performance will be considered for computing
343 the CGPA.344 (b) Research scholars shall obtain $CGPA \geq 7.5$, subject to a minimum of a 'C' grade in each of
345 the prescribed courses.

346 (c) Once a course is successfully completed (meaning a grade of C or higher), it cannot be repeated.

347 (d) For scholars upgrading from M.S to Ph.D in engineering/management, the courses successfully
348 completed during the M.S programme may be considered by the DC towards meeting the
349 coursework requirements.350 (e) Those scholars that upgrade from M.S to Ph.D or join the direct M.S+Ph.D programme, and
351 choose to get both the M.S and Ph.D degrees, should complete the following two additional
352 courses (6 credits each) by the 4th semester. Completion of these two courses will be towards
353 the partial fulfillment of the award of the M.S degree. These courses are included in the CGPA,
354 and a minimum grade of 'C' is required. For each of the two courses, scholars have to submit
355 a project report and give a seminar presentation.

356 (1) XX6999 – Critical review of Literature (where XX is the Department Code).

357 (2) XX7999 – Simulation, or preliminary experimental/analytical verification of prior art as
358 appropriate to the discipline.359 **PhD-R.11.3 Grades and CGPA**360 Based on performance, each scholar is awarded a final grade at the end of the semester in each
361 subject. The grades and the corresponding grade points are as follows:

362

Grade	S	A	B	C	D	E	U
Points	10	9	8	7	6	4	0

363 The CGPA will be calculated according to the formula

$$CGPA = \frac{\sum C \times GP}{\sum C}$$

364 where C = credits and GP = the grade point obtained for the course. The sum is over the best,
365 minimum number of courses required for the programme.

366 **PhD-R.12 CANDIDACY EXAMINATION**

367 The term comprehensive examination is renamed as "Candidacy Examination". 305th Senate Res. N^o 48/2023

368 The objective of the candidacy examination is to test the breadth of the scholar's knowledge in his/her
369 discipline and field of research. The candidacy examination must include a research component

370 A Ph.D scholar must pass the candidacy examination of his/her department within the time frame
371 provided in the following table.

S.No	Programme Category	First Attempt Within (months after registration)	Completed within (months after registration)
373 1.	Regular PhD (HTRA, Fellowship, Sponsored, Foreign, etc.)	15	18
2.	Direct MS + PhD	18	24
3.	Upgraded PhD (M Tech/MS)	15	18
4.	Upgraded PhD (MSc)	15	18

374 305th Senate Res. N^o 48/2023

375 (a) The candidacy examination committee will consist of the DC members and at least two other
376 faculty members of the Institute nominated by the Chairperson, DC.

377 (b) If the scholar does not appear for the first attempt within the stipulated period, scholar-
378 ship will be suspended. The amount will be paid as arrears after clearing the examination.

379 305th Senate Res. N^o 48/2023

380 (c) For a research scholar from engineering/management who does not pass the candidacy exami-
381 nation after two attempts, his/her enrollment will be suspended from the date of declaration of
382 the result. If (s)he chooses to change the registration from the Ph.D to the MS programme, the
383 request may be approved based on recommendation of the DC. If the DC does not recommend
384 the conversion, the registration will be canceled from the date of declaration of the results of
385 the candidacy examination.

386 (d) The departments must publish the details of the modus operandi of the candidacy examination
387 so that the scholars and faculty are well aware of the process. 305th Senate Res. N^o 48/2023

388 (e) The DC will decide the method of candidacy examination for scholars in the interdisciplinary
389 Ph.D program and inform the Dean(AR).

- 390 (f) QIP scholars shall pass the candidacy examination within 6 months from the date of joining.
391 If a scholar does not pass the candidacy examination in the first attempt, he/she will be allowed
392 another attempt within 6 months of the first. An unsuccessful second attempt will result in a
393 suspension of enrolment. If progress is not satisfactory, his/her enrolment will be suspended
394 from the date of declaration of the result. 305th Senate Res. № 48/2023

395 **PhD-R.13 THESIS AND PANEL OF EXAMINERS**

396 The PhD thesis is a detailed report of the scholar's research.

- 397 (a) On satisfactory completion of the prescribed courses, the candidacy examination, the research,
398 the two seminars and when the thesis is ready for submission, the scholar requests the thesis-
399 submission approval meeting to the Academic Section, through the guide(s) and HoD, for
400 consideration of the DC. 295th Senate Res. № 09/2022

- 401 (b) Prior to the thesis-submission approval meeting, a PhD scholar is required to have at least
402 one paper published (or accepted for publication) in a refereed journal acceptable to the DC.
403 The content of the publication must be part of the thesis, and the scholar must be the primary
404 contributor of the publication. The DC may recommend exceptional cases that do not meet this
405 requirement, which will then be reported to the IITM Senate. 293rd Senate Res. № 37/2021
406 295th Senate Res. № 09/2022

407 At the end of the programme duration, the doctoral committee could permit the student to
408 submit his/her thesis provided that a journal paper based on the work (with the scholar being
409 the primary contributor) has been submitted. Such cases, which are expected to be rare, will
410 be reported to the Senate. Such theses will only be accepted for evaluation under Track A.
411 305th Senate Res. № 48/2023

- 412 (c) At the thesis-submission approval meeting, the DC and sectional observer will approve the
413 thesis and the list of examiners to be used.

- 414 (d) A two-track policy will be followed for thesis evaluation. 295th Senate Res. № 09/2022

415 a) Track 1: For scholars who have high-quality published work which is more than the norm
416 for the research area. The scholar must be the primary contributor to the papers, and this
417 should be evident in terms of authorship as first author, or equally credited author. The
418 publications must be in good venues. 70% or more of the thesis must have already been
419 published (or accepted) for publication. Track-1 evaluation is by two examiners approved
420 at the thesis-submission approval meeting. The examiners are given six weeks to evaluate
421 the thesis and submit their reports.

422 b) Track A: For scholars who have published work which is considered normal for the
423 research area. Track-A evaluation will be by three examiners composed of two external
424 examiners and one internal (IITM) examiner from a list of four external and two internal
425 examiners provided. Dean(AR) picks examiners from the list approved at the thesis-
426 submission approval meeting. The examiners are given six weeks to evaluate the thesis
427 and submit their reports. There is no compulsion to include foreign examiners in the list
428 of external examiners, but at least one must be an Indian examiner.

429 Scholars should circulate their thesis, which is ready to be sent out for examination, to their
430 DC members and the sectional observer at least a week before the thesis-submission approval
431 meeting. For Track 1, the expectation is that the thesis is such that it should be accepted as is,
432 or with very minor editorial corrections.

433 The guide should identify thesis examiners and get their email concurrence before the thesis-
434 submission approval meeting. The guide can use the thesis abstract, as well as a list of the
435 scholar's published work as inputs to potential examiners to help them decide on accepting to
436 review the thesis.

437 The decision to qualify for Track-1 will be made by the sectional observer at the thesis-
438 submission approval meeting, based on the feedback from the doctoral committee. If there is
439 a disagreement, Dean (AR) will decide.

440 Notwithstanding the above, the choice of track is left to the guide, with movement from Track-1
441 to Track-A being possible, but not vice versa.

442 **PhD-R.14 THESIS REPORTS**

443 (a) For Track 1, the viva-voce examination can be held as soon as the first report is received.
444 For Track A, if two examiners declare the thesis as 'commended', the viva voce exam will be
445 conducted.

446 295th Senate Res. N^o 09/2022

447 (b) For Track A, if an examiner recommends that the thesis should be resubmitted after revision,
448 the research scholar will be allowed to do so within the time stipulated by the DC, failing which
449 the revised thesis will not be accepted and his/her registration will be canceled.

450 (c) For Track A, if one of the external examiners evaluates the thesis as 'not acceptable', the thesis
451 shall be referred to a third external examiner from the evaluation panel.

452 (d) For Track A, if two examiners, after referral to a third examiner if necessary, evaluate the thesis
453 as 'not acceptable', the thesis will not be accepted and the registration of the scholar will be
454 canceled.

455 (e) In all other cases not covered by the above regulations, the matter will be referred to the DC
456 for consideration.

457 **PhD-R.15 VIVA VOCE EXAMINATION**

458 The viva voce exam board consists of the following members: 295th Senate Res. N^o 09/2022

459

Chairperson, DC	Chair
The thesis examiner(s) who have sent in their evaluation reports.	Members(s)
Guide(s)	Member(s)

460

- 461 • DC members will be invitees to the viva-voce examination.

- 462 • The viva-voce should be held in an online/hybrid mode, so that no travel is involved.
- 463 (a) If the thesis is recommended for acceptance at the end of the viva-voce examination, the
464 Chairperson of the viva-voce board shall forward the thesis to the Academic Section certifying
465 that the revisions recommended by the board, if any, have been incorporated in the thesis.
- 466 (b) If the viva voce examination board evaluates the performance of the scholar as not satisfactory,
467 the scholar shall reappear for the examination, not earlier than one month but not later than six
468 months from the date of the first examination.
- 469 (c) For the second viva-voce examination, the board will also include the members of the DC. If
470 the performance of the research scholar is still not satisfactory, the matter will be referred to
471 the Senate for a decision.
- 472 (d) The examiners' names can be appended in the final thesis only with their consent.

473 PhD-R.16 MINIMUM AND MAXIMUM DURATION

474 The minimum and maximum duration of the Ph.D programme from the date of registration to the
475 date of submission of thesis for full-time research scholars are the following:

476

Mode	Discipline	Qualifying Degree	Minimum	Maximum*
Regular Ph.D	Engineering	M.Tech/ME/M.S	2 years	5 years
		M.Sc	3 years	5 years
Direct M.S + Ph.D	Sciences, Humanities, Management	Master's degree	2 years	5 years
		B.E/B.Tech/B.S	3 years	6 years
Upgraded Ph.D		M.Tech/M.S	3 years	6 years
		M.Sc	3 years	5 years + time taken from M.Sc admission to upgradation*

477

* The DC may grant an extension of 2 more years to submit the thesis. An additional year may be allowed for scholars in the QIP, external, part-time and staff categories.

+ 279th Senate Res. N^o 6/2018

478 The minimum residential requirement for the scholars admitted under the external or part-time
479 categories is one semester. Such scholars will be permitted to complete the residential requirement
480 in multiple sessions, if they choose to take IITM web-based courses for completing their coursework.
481 281st Senate Res. N^o 72/2018 This requirement is waived for external scholars who are employed in
482 the IITM Research Park.

483 The registration period of the programme will be extended by the duration of the sanctioned maternity
484 leave (up to a maximum period of 180 days). The period of medical leave, duly certified by the

485 Institute Hospital, can be considered by Dean(AR) to extend the registration period of the programme,
486 up to a maximum period of one year. **282nd Senate Res. N^o 101/2018**

487 **PhD-R.17 RELIEF FROM THE PH.D PROGRAMME TO TAKE UP EMPLOYMENT**

488 Scholars who have a job offer can obtain relief from the programme upon recommendation by the
489 DC, if they have completed the minimum residential requirement (as per **PhD-R.16**), coursework,
490 the candidacy examination and the research proposal seminar.

491 The scholar should keep his/her registration alive by paying the requisite fee every semester. Renewal
492 of the registration each semester is subject to the DC finding the scholar's progress satisfactory.

493 **PhD-R.18 TEMPORARY WITHDRAWAL FROM THE PROGRAMME**

494 A scholar may be permitted by the Dean(AR) to withdraw from the programme for a period not
495 longer than a semester for health reasons or any other valid grounds, if recommended by the DC. The
496 maximum time permitted for temporary withdrawal from the programme is for a period of one year,
497 which may be taken continuously with the reapproval by the DC.

498 **PhD-R.19 CANCELLATION OF REGISTRATION**

499 The registration of a research scholar who has not enrolled, or whose progress is not found to be
500 satisfactory by the DC is liable to be canceled. The registration of a research scholar, who has not
501 submitted his/her thesis before the end of the maximum permissible period (**PhD-R.16**), will be
502 canceled.

503 *After cancellation of registration, the Institute reserves the right to allow re-registration on a case-
504 by-case basis.*

505 *At the end of the duration of the program, the scholar (in consultation with the guide) will give
506 the doctoral committee a plan and timeline for thesis submission. The doctoral committee will
507 deliberate and grant upto a maximum of three years from the date of cancellation of registration
508 to submit the thesis, beyond which registration will not be reinstated under any circumstance.*

509 **306th Senate Res. N^o 06/2024**

510 **PhD-R.20 REVERSION OF UPGRADED PH.D TO MASTER'S PROGRAMMES**

511 **PhD-R.20.1 Reversion of scholars upgraded from M.S to Ph.D**

512 (a) A scholar may revert to the M.S programme after one semester from the date of upgradation
513 if (s)he has completed two and half years from the date of registration of the M.S programme.
514 The DC may recommend reversion of registration for approval by the Senate.

515 (b) If the scholar does not pass the candidacy examination in two attempts, (s)he will revert to the
516 M.S programme.

517 (c) The DC will consider the application only if the scholar has completed all the course require-
518 ments prescribed originally by the GTC when the scholar registered for the M.S programme
519 and if the research to date is found suitable for submission as an M.S thesis. The DC may
520 recommend reversion of registration for approval by the Senate. The DC will continue to
521 function as the GTC till the completion of the M.S requirements. The scholar must complete

522 the M.S degree requirements (see M.S Ordinances & Regulations) within one year from the
523 date of reversion.

524 (d) Under exceptional circumstances, the DC may recommend cases of the regular Ph.D. scholars
525 who passed the candidacy examination for conversion to M.S. In such cases, the DC should send
526 a detailed justification of the circumstances and a strong recommendation for Dean (AR)'s con-
527 sideration. This provision is only expected to be used very sparingly, after every possible avenue
528 to complete the requirements of the PhD research is explored. 298th Senate Res. N^o 44/2022

529 **PhD-R.20.2 Reversion of scholars upgraded from M.Tech to Ph.D**

530 (a) A scholar may apply for revert to the M.Tech programme after one semester from the date
531 of upgradation if (s)he has completed three years after the date of registration for the M.Tech
532 programme. The DC may recommend reversion of registration for approval by the Senate.

533 (b) A scholar who does not pass the candidacy examination in two attempts will revert to the
534 M.Tech programme. If the Senate approves the reversion upon recommendation by the DC,
535 the scholar must complete the requirements of the M.Tech programme (see M.Tech. Ordinances
536 & Regulations) within one year from the date of reversion.

537 (c) An M.Tech + Ph.D dual-degree scholar of Engineering Design may be permitted to exit with
538 an M.Tech degree if (s)he does not pass the candidacy exam twice, provided (s)he satisfactorily
539 completes the required number of courses, and submits an acceptable M.Tech project report.

540 (d) Under exceptional circumstances, the DC may recommend cases of the regular Ph.D. schol-
541 ars who passed the candidacy examination for conversion to M.Tech . In such cases, the
542 DC should send a detailed justification of the circumstances and a strong recommendation
543 for Dean (AR)'s consideration. This provision is only expected to be used very sparingly,
544 after every possible avenue to complete the requirements of the PhD research is explored.
545 298th Senate Res. N^o 44/2022

546 **PhD-R.20.3 Reversion of scholars upgraded from M.Sc to Ph.D**

547 (a) A scholar may revert to the M.Sc programme after the sixth semester. The DC may recommend
548 reversion of registration for approval by the Senate.

549 (b) A scholar who does not pass the candidacy examination in two attempts will be revert to the
550 M.Sc programme. The scholar must complete the M.Sc. degree requirements (See M.Sc.
551 Ordinances & Regulations) within one year from the date of reversion.

552 (c) Under exceptional circumstances, the DC may recommend cases of the regular Ph.D. schol-
553 ars who passed the candidacy examination for conversion to M.Sc. In such cases, the DC
554 should send a detailed justification of the circumstances and a strong recommendation for
555 Dean (AR)'s consideration. This provision is only expected to be used very sparingly, af-
556 ter every possible avenue to complete the requirements of the PhD research is explored.
557 298th Senate Res. N^o 44/2022

558 **PhD-R.21 CONVERSION OF REGULAR/DIRECT M.S + PH.D REGISTRATION TO**
559 **THE M.S PROGRAMME**

560 A direct M.S + Ph.D scholar can apply for conversion to the M.S programme, if (s)he fulfills all M.S
561 admission criteria for the corresponding year of selection, subject to the recommendation of the DC.
562 This option is not available for regular Ph.D scholars.

563 A direct-PhD scholar who did not fulfill the M.S admission criteria for the corresponding year
564 of selection can revert to the M.S. programme only after 3 years from the date of admission.
565 **298th Senate Res. N^o 44/2022**

566 A regular/direct M.S + Ph.D scholar in Engineering/Management who does not pass the candidacy
567 examination in two attempts may request the DC to convert his/her registration from the Ph.D to the
568 M.S programme. If this option is not exercised, his/her registration will be canceled. The DC may
569 recommend conversion of registration for approval by the Senate.

- 570 (a) The DC will continue to function as the GTC till the completion of the M.S requirements.
- 571 (b) The duration of the scholar's M.S program shall not be more than 3 years from the date of
572 registration in the Ph.D programme.
- 573 (c) In its first meeting following the conversion of registration, the GTC may prescribe any
574 additional courses necessary to satisfy the requirements of the M.S programme.
- 575 (d) The award of HTRA to the scholar will be as per the M.S programme.
- 576 (e) Under exceptional circumstances, the DC may recommend cases of the regular Ph.D. scholars
577 who passed the candidacy examination for conversion to M.S. Program. In such cases, the
578 DC should send a detailed justification of the circumstances and a strong recommendation
579 for Dean (AR)'s consideration. This provision is only expected to be used very sparingly,
580 after every possible avenue to complete the requirements of the PhD research is explored.
581 **298th Senate Res. N^o 44/2022**

582 **PhD-R.22 AWARD OF THE PH.D DEGREE**

583 Upon satisfactory performance in the viva-voce examination and the submission of the final thesis,
584 the scholar will be awarded a Ph.D degree on the recommendation of the Senate, and with the
585 approval of the Board of Governors of IITM. The effective date of the degree shall be the date of the
586 meeting of the BoG. **279th Senate**

587 The award of Ph.D degrees before the convocation will be considered on request, provided the
588 scholars have completed all the requirements.

589 Direct M.S+Ph.D and Ph.D scholars who have upgraded from the M.S programme will be awarded
590 the M.S and Ph.D degrees after successfully completing all the requirements. The name of the M.S
591 degree under this option will be "Master of Science" in YY (name of the department). Ph.D scholars
592 who have upgraded from M.Tech/M.Sc will be awarded the MTech/M.Sc and Ph.D degrees after
593 successfully completing all the requirements.

594 **PhD-R.23 DISCIPLINE**

595 Every scholar is required to observe disciplined and decorous behavior both inside and outside the
596 campus and should not indulge in any activity, which will bring down the prestige of IITM.

597 Any act of indiscipline of a scholar reported to the Dean(AR) will be referred to a Discipline
598 and Welfare Committee nominated by the Senate. The committee will investigate and recommend
599 suitable punishment if it finds the charges substantiated. The recommendation of the committee
600 will be considered by the Board of Academic Research, which will authorize the Dean(AR) to take
601 appropriate action. The Dean(AR) will report the action taken at the next meeting of the Senate.

602 **Appeal:** The scholar may appeal to the Chairperson, Senate whose decision will be final.

603 **PhD-R.24 POWER TO MODIFY**

604 Notwithstanding all that has been stated above, the Senate reserves the right to modify any of the
605 above regulations.