Understanding of Ph.D. Regulations & Fellowship Opportunities

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• AU Year of Establishment - 4th September 1978

• Affiliated type of Technical University in the Country (from 01-08-2012 onwards)

• 34 University Departments grouped under 8 Faculties & 46 Autonomous Centres

• 2000 Faculty / Staff Members and 20,000 students

• 28 UG & 77 PG programmes – FT and 7 UG & 17 PG programmes – PT

• UDs offer Ph.D. in all Engg and Tech disciplines including Applied Sciences and Humanities
Transparency Through E-Governance
<table>
<thead>
<tr>
<th>Faculty</th>
<th>Chairperson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture &amp; Planning</td>
<td>Dr.K.R.Sitalakshmi</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>Dr.S.S.Ramakrishnan</td>
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<tr>
<td>Electrical Engineering</td>
<td>Dr.S.Usa</td>
</tr>
<tr>
<td>Information &amp; Communication Engg</td>
<td>Dr. Ranjani Parthasarathi</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Dr. G.Arumaikkannu</td>
</tr>
<tr>
<td>Science &amp; Humanities</td>
<td>Dr.M.Chandrasekar</td>
</tr>
<tr>
<td>Technology</td>
<td>Dr.S.Subramanian</td>
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<tr>
<td>Management Science</td>
<td>Dr.L.Suganthing</td>
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• Regulations for the Degree of Doctor of Philosophy (Ph.D.) provide information to prospective scholars about the Ph.D programmes in different branches of Engineering, Technology and Science and Humanities.

• The Regulations govern the conditions for imparting courses of instruction, conduct of the examinations and evaluation to research scholar’s performance leading to a Ph.D. Degree.

What standard is followed to frame the Ph.D. Regulations? Ans: UGC

How many Regulations are followed at CFR? Ans: 2
• Clause 1 – General Eligibility

• Clause 2 – Educational Qualifications

• Clause 3 - Mode of Ph.D. Admission

  Clause 3.1 – Full Time  (it includes 3.1.1 to 3.1.7 Clauses)
  Clause 3.2 – Part Time
    3.2.1. PT Internal Scholars
    3.2.2. PT External Scholars
    3.2.3 Research Scholar working place
• Clause 3.3 – Change of Category

FT to PT or vice-versa

Conditions: Need to complete Confirmation meeting

One time ‘change of category’ only is permitted

• Clause 4 – Research Dept. Recognition

i. All Departments of Government / Government Aided Engineering Colleges / University Colleges.

ii. Departments of Engineering Colleges affiliated to the University.

iii. Industrial Units / R&D Departments / National Laboratories / Units of Government / Quasi Government located within Tamilnadu.

- Department / R&D Centres of Industries - THREE Years
- R&D centres of State / National laboratories – FIVE Years
• Clause 4.2 – Renewal of Research Department Recognition
  Before 3 months prior to the expiry of the current term

• Clause 5 – Mode of Selection
  Clause 5.1 - 5.3: Ph.D. admission twice in a every year
  Written Test (30%) + Interview (40%) + PG Degree (30%)
  Cut-off marks fixed by the Research Board

• Clause 6 – Admission
  Clause 6.1 – 6.4: Need of RB approval for selected candidates
  Allotment of FACULTY based on PG Specialization
  Admission either in current session or in the subsequent session
Clause 7 – Supervisor Recognition

Clause 7.1 - 7.11

- Supervisorship will be awarded in the same faculty in which his/her Ph.D. degree is awarded
- The regular Full-time teaching faculty / Full time Scientist
- Professor / Scientist – 5 Papers
- Associate / Assistant Professor – 2 Papers
- Applicant shall be the 1\textsuperscript{st}/2\textsuperscript{nd} author (in case if his/her Student / Supervisor is the 1\textsuperscript{st} author) / corresponding author in the publications
- Claimed paper should not have any plagiarism related issues
- Approval of Faculty Chairperson + RB is mandatory
**Clause 7 – Supervisor Recognition**

Clause 7.1 - 7.11

<p>| | |</p>
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<tr>
<td>• Joint Supervisor (if Supervisors working in the non – recognized research Departments)</td>
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<tr>
<td>• If Supervisors working in recognized Nationalized Laboratories then Joint Supervisor (JS) is mandatory</td>
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<td>• For interdisciplinary research, JS is permissible</td>
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<td>• Govt. Institute Supervisor shall entertain registration of new scholars up to the age of 60 years (after the age 58 JS is essential) Whereas Pvt. College Supervisor shall entertain registration of new scholars up to the age of 63 years (after the age 63 JS is essential)</td>
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<td>• AU Supervisor should not guide other University Scholars</td>
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**Clause 8 – Change of Supervisor**

<table>
<thead>
<tr>
<th>Clause 8.1</th>
<th>• Supervisor-in-charge is required if Supervisor is away from the working place for more than SIX months and up to maximum of ONE year.</th>
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<tbody>
<tr>
<td>Clause 8.2</td>
<td>• If Supervisor is away from the working place for more than ONE year, alternate supervisor shall be nominated.</td>
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</tbody>
</table>
| Clause 8.3                  | • If Supervisor reached superannuation, if the scholar is about to complete his/her Ph.D then the Supervisor can act as guide for another ONE year from the date of retirement.  
                                          For more than ONE year JS is required.                                                                 |
| Clause 8.4                  | • If Supervisor migrated to other University (Supervisor’s recognition will be cancelled), Research Coordinator (RC) is required (valid for ONE year only). After ONE year new Supervisor is must. |
• **Clause 8 – Change of Supervisor**

<table>
<thead>
<tr>
<th>Clause 8.5</th>
<th>• If Supervisor migrated to non-recognized dept and the scholar has submitted his/her synopsis/thesis then RS is required. If not submitted synopsis/thesis, new Supervisor +JS (old Supervisor) shall be appointed.</th>
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<tbody>
<tr>
<td>Clause 8.6</td>
<td>• If scholar work place becomes Private University / College, such scholar can continue Ph.D, provided his/her provisional registration is confirmed.</td>
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<tr>
<td>Clause 8.7</td>
<td>• If scholar migrated to Private University, such scholar can continue Ph.D, provided his/her provisional registration is confirmed.</td>
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<tr>
<td>Clause 8.8</td>
<td>• If the Institution(s) affiliated to the AU becomes Private University, then Supervisor’s recognition will be cancelled automatically. Under such Supervisor, if scholar’s provisional registration already confirmed, with the help of JS they can finish their Ph.D.</td>
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</table>
- **Clause 8 – Change of Supervisor**

| Clause 8.9          | • Change of Supervisor for a research scholar shall be possible on valid reasons only but can be done only once during the entire duration of the program.  
|                    | • If change of Supervisor is approved, the scholar has to work for a minimum of ONE year with the new Supervisor. |
| Clause 8.10        | • If a supervisor deceased after the submission of thesis by his / her scholar, a RC shall be nominated.  
|                    | • Under certain conditions* RC turned to be ‘Additional Supervisor’. |

- **Clause 9 – Number of Scholars**
 Clause 10 – Ph.D. duration

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<tr>
<th>Clause 10.1 to 10.7</th>
<th>Duration counted from the date of provisional registration.</th>
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<tbody>
<tr>
<td></td>
<td>Science &amp; Humanities – THREE years (FT) &amp; FOUR years (PT)</td>
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<td></td>
<td>Arch, Engg &amp; Tech - TWO years (FT) &amp; THREE years (PT)</td>
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<tr>
<td></td>
<td>Management Science for scholars with Engineering and Technology - TWO years (FT) &amp; THREE years (PT)</td>
</tr>
<tr>
<td></td>
<td>Management Science for scholars with S&amp;H - THREE years (FT) &amp; FOUR years (PT)</td>
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<tr>
<td></td>
<td>Break of study (BoS) period shall not be counted for the minimum duration of the programme but counted for the maximum duration of the programme.</td>
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<td></td>
<td>Maximum duration of the Ph.D programme is SIX years.</td>
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<td>Semester fees applicable during the BoS period.</td>
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### CFR- Ph.D. Regulations 2020

**•Clause 11 – Extension of Max duration**

| Clause 11.1 to 11.2 | • Request for extension should submit THREE months prior to the completion of SIX years (i.e. 12 semester).  
|                     | • After SIX years extension shall be given for additional ONE year.  
|                     | • Final SIX months grace period (i.e. 15th Semester) shall be granted by if the scholars submit the **SYNOPSIS**. Request should submit to CFR one month prior to the expiry of the previous extension (i.e. on or before 6.11 yrs). |

**•Clause 12 – Doctoral Committee**

**Conditions for Change of DC member**

i) Topic of research changed before confirmation of the Provisional Registration.

ii) DC member is away from the place of work for more than 2 years.

iii) DC member is deceased.

iv) Member not responding to attend DC meetings
## Clause 13 – Programme Structure

<table>
<thead>
<tr>
<th>Clause 13.1</th>
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<tbody>
<tr>
<td>• DC meeting should have completed within THREE weeks from the date of communication of his/her provisional registration.</td>
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<tr>
<td>• Minimum of four course works of 12 Credits should have completed with overall CGPA of 7.0.</td>
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<tr>
<td>• Change of course work permissible with due approval of DC member.</td>
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<tr>
<td>• Completion of course work - within TWO years from the date of provisional registration. Maximum two attempt is allowed to pass the subject.</td>
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<tr>
<td>• Confirmation meeting should have completed within THREE years from the issuance of PR order.</td>
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</table>
• Clause 13 – Programme Structure

Clause 13.2

DC shall conduct a Comprehensive (written and oral) Examination for every scholar to test the background knowledge of the scholar in the area of specialization within 6 months from the date on which the results of all the prescribed course work are declared.

- Minutes of the Doctoral Committee towards of confirmation meeting should submit to CFR within TWO months from the date of the Comprehensive Examination held.
- If scholar failed in Confirmation meeting, a grace period of THREE months (within the maximum period of THREE years) shall be given.

• Clause 14 - Research outside the University

Maximum period of one year is allowed but only after the confirmation of the Registration.
• **Clause 15 – Monitoring the Progress of the Scholar**

Every SIX months progress report shall be submitted to CFR

One Seminar presentation shall be given by the scholar before the confirmation of the provisional registration and another presentation prior to the submission of synopsis.

• **Clause 16 – Submission of Synopsis**

Scholar shall be permitted to submit the Synopsis THREE months prior to the completion of his/her minimum duration, provided the scholar has published TWO research articles
• **Clause 17 – Submission of Thesis**

One copy of thesis in PDF format (to be uploaded) and a hard copy shall be submitted only after the acceptance of Synopsis and within THREE months from the date of approval of the Synopsis by the DC along with one hard copy of the abstract of the Thesis each in English and Tamil (in about 400 words).

• **Clause 18 – Thesis Evaluation**

ONE Indian Examiner + One Foreign Examiner
Curbing Plagiarism

Similarity checks for exclusion from Plagiarism. The similarity checks for plagiarism shall exclude the following:

i. All quoted work reproduced with all necessary permission and/or attribution.
ii. All references, bibliography, table of content, preface and acknowledgements.
iii. All generic terms, laws, standard symbols and standards equations.

Levels of Plagiarism. Plagiarism would be quantified into following levels in ascending order of severity for the purpose of its definition:

i. Level 0: Similarities upto 10% - Minor similarities, no penalty
ii. Level 1: Similarities above 10% to 40%
iii. Level 2: Similarities above 40% to 60%
iv. Level 3: Similarities above 60%
Penalties in case of plagiarism in submission of thesis and dissertations

Institutional Academic Integrity Panel (IAIP) shall impose penalty considering the severity of the Plagiarism.

i. **Level 0: Similarities upto 10%** - Minor Similarities, no penalty.

ii. **Level 1: Similarities above 10% to 40%** - Such student shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.

iii. **Level 2: Similarities above 40% to 60%** - Such student shall be debarred from submitting a revised script for a period of one year.

iv. **Level 3: Similarities above 60%** - Such student registration for that programme shall be cancelled.

**Note 1: Penalty on repeated plagiarism** - Such student shall be punished for the plagiarism of one level higher than the previous level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative.

**Note 2: Penalty in case where the degree/credit has already been obtained** - If plagiarism is proved on a date later than the date of award of degree or credit as the case may be then his/her degree or credit shall be put in abeyance for a period recommended by the IAIP and approved by the Head of the Institution.
Penalties in case of plagiarism in academic and research publications

I. **Level 0: Similarities up to 10%** - Minor similarities, no penalty.

II. **Level 1: Similarities above 10% to 40%**
   i) Shall be asked to withdraw manuscript.

III. **Level 2: Similarities above 40% to 60%**
   i) Shall be asked to withdraw manuscript.
   ii) Shall be denied a right to one annual increment.
   iii) Shall not be allowed to be a supervisor to any new Master’s, M.Phil., Ph.D. Student/scholar for a period of two years.

IV. **Level 3: Similarities above 60%**
   i) Shall be asked to withdraw manuscript.
   ii) Shall be denied a right to two successive annual increments.
   iii) Shall not be allowed to be a supervisor to any new Master’s, M.Phil., Ph.D. Student/scholar for a period of three years.
Thank you...

Save Energy....
Save Earth...