



Indian Institute of Technology Jodhpur

IITJ/OA/C/2021-22/27/12.2.

Dated: 20.01.2022

NOTIFICATION

Subject: Regulations for Joint Programmes in Medical Technologies

1. The regulations for the dual degree and Ph.D programme in Medical Technologies, attached as *Annexure-I*.
2. Further, the existing regulations of IIT Jodhpur already approved for students registered from July 2019 will be applicable for the Joint programmes.
3. The minimum CGPA requirements for Continuation of Assistantship/ Fellowship, the requirements are as follows;

Programme	Continuation in Programme	Continuation Assistantship/ Fellowship	of For graduation
Masters in Medical Technologies	CGPA 5.0	SGPA 6.0 (For first semester ≥ 5)	CGPA of 5
Ph.D in Medical Technologies	SGPA 6.5 (For first semester ≥ 6)	SGPA 6.5 (For first semester ≥ 6)	CGPA 7.5 at the completion of course work
Masters-Ph.D in Medical Technologies	SGPA 6.5 (For first semester ≥ 5)	SGPA 6.5 (For first semester ≥ 5)	CGPA 7.0

This has issued with the approval of the competent authority.

Assistant Registrar (Academics)

**Regulations for
IIT Jodhpur-AIIMS Jodhpur Joint Programs (Masters-PhD Dual
Degree and PhD) in Medical Technologies**



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Indian Institute of Technology Jodhpur



All India Institute of Medical Sciences Jodhpur

Appointment of Supervisor:

- Any faculty member at AIIMS/IIT Jodhpur holding fulltime position can be designated as Supervisor.
- Faculty members of IIT and AIIMS can supervise Ph.D. students as per the regulations of respective institute.
- The faculty member who himself/herself is registered for Ph.D. programme will not be eligible for the supervision of Ph.D.
- There will be at-least one supervisor each from both AIIMS Jodhpur and IIT Jodhpur. A maximum of three supervisors are allowed.
- External supervisor with at least two years of post-graduate teaching experience/2 years post PhD research experience as medical/non-medical researcher/scientist/faculty member may be appointed as supervisor provided he/she has original/significant research contribution in the field.

1. Qualifier Requirement and plan for thesis work

For the dual degree:

Step 1: After 1st semester-

The candidate has to identify the need from immersion+ problem definition emphasizing scope for innovation and development

Step 2: After 4th Semester and by 5th Semester-

SOTA seminar + detailed presentation on scientific challenges and innovation model of the identified problem

Step 3: After 6th Semester and by 7th Semester

Present translation agenda and/or business plan

Step 4: After 7th Semester

To take a call while presenting, whether to opt for degree with translational component/ product development

OR

Opt for incubation with a business plan

For Ph.D. degree:

- Step 1: After 1st Semester
- The candidate has to identify the need from immersion+ problem definition emphasizing scope for innovation and development
- Step 2: By end of 2nd Semester
- Present foundation of the identified problem of product development
- Step 3: By end of 3rd Semester
- Present SOTA seminar

- Step 4: By end of 4th Semester
- Present complete plan for translation/prototyping the device
- Step 5: By end of 7th Semester
- To take a call while presenting, whether to opt for degree with translational component /product development
OR
- Opt for incubation with a business plan

Assessment of the work of the candidates

- Annual progress work during the thesis work shall be assessed by the Doctoral committee and a report will be submitted to the Dean through the supervisor.
- The doctoral committee will be formed after 1st Semester and before end of second semester

Thesis and examination

- The thesis will be submitted after an open seminar presented by the candidate and the approval of the Doctoral committee.
- At least two patents (or equivalent IP right document) filed is essential for submitting the thesis.
- Each candidate shall submit four print copies and pdf format of the thesis duly certified by the Supervisor and the Co-Supervisor(s) for evaluation after completion of the required period.
- A panel of examiners shall be submitted before the expected date of submission of the thesis, by the supervisor, in consultation with the Doctoral committee. The panel shall include eight examiners who are experts in the field of the study undertaken by the candidate (three of these shall be from abroad).
- The supervisors may go for the consent of the examiners before proposing the names in the examiner list.
- In the thesis evaluation form, the points of judgment of the thesis can be the novelty/contribution of the product development/translation
- After approval of thesis by the external and the internal examiners the viva voce examination will be held to adjudge the proficiency of the candidate in the subject(s) allied to the candidate's field of work.
- If the thesis is rejected by more than one examiner, it will stand rejected and shall not be referred to any other examiner. However, in the event the thesis is rejected by only one examiner, it will be referred to another examiner from among the approved panel. In case the thesis is approved by this examiner, it will be considered as unanimously approved, else the respective Chairman, Senate may advise course of action.

- If one or more examiner recommends re-submission/modification of thesis, the same shall be done within a maximum period of six months from the date of intimation to the candidate.
- If the report from all the external examiners is not received within three months, a copy of thesis will be sent to another examiner from amongst the approved panel.
- The thesis
- defense will be conducted in the presence of Doctoral committee and one of the external examiners who has examined the thesis.

Credit Requirements for the Ph.D. degree

- Candidates enrolled in PhD, other than through Master's programme : Compulsory courses of Master's Programme + 6 Elective Credits (Thesis 48)
- Candidates through Master's programme —6 Elective Credits (Thesis 48)

Result

- (a)** If the Examiners are not satisfied with the performance of the candidate in the above examination, the candidate will have to reappear for another viva voce examination after a period of two months provided such specific recommendation is made by the board of Examiners.
- (b)** The candidate shall be declared eligible for the award of the Degree of Doctor of Philosophy only on the unanimous recommendations of the members of the Board of Examiners at the viva voce examination.

Award of Degree:

The transcript will be issued by the institute in which the candidate will be registered. The degree will be awarded jointly by AIIMS Jodhpur and IIT Jodhpur in alternate Convocations.

The degree certificate will be issued and signed by competent authorities from both the Institutes.