

# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

## Report of the M.Sc.-Ph.D. Dual Degree Programme Structure

### 1. Admission Criteria, duration of the programme and related issues

The committee recommends that the admission should be through JAM (similar to the M.Sc. programmes) and Departments can provide additional criteria for the qualifications (as per normal JAM procedure)

### 2. Credit requirement for the M.Sc. degree and Credit requirement towards Ph.D. course work

The credit requirement for the M.Sc.-Ph.D. programme should include 140-160 credits for the M.Sc. programme (as per the Mukhopadhyay committee). An additional credit requirement of 24-36 credits is recommended for the Dual degree programme. The total credits for the Dual degree programme will range between 164-196 credits. The distribution of credits in each semester would be as per the Mukhopadhyay committee guidelines (35-40 credits as per semester). However, a minimum of 12 credits out of the additional 24-36 credits should be for supervised learning.

### 3. Semester wise Credit structure – Theory (Core & Elective); Laboratory content; Supervised Learning Components (short term project activities seminars etc.)

The semester wise credit for the four semesters should be consistent with the Mukhopadhyay Committee report.

### 4. Possible requirement of a qualifying examination for entry into the Ph.D. programme.

The committee recommends that each department can decide on whether or not to include a qualifier. The rules for the M.Sc.-Ph.D. should be consistent with the department policy for Ph.D. admissions.

### 5. Point of confirmation of Ph.D. Registration and modus operandi for the same.

The Ph.D. registration would normally be confirmed in the fifth semester or in the semester in which the student will complete the total credit requirement as specified credit structure.

### 6. Time table and modus operandi for Annual Progress evaluation.

The Annual progress evaluation will start after one year of the date of the Ph.D. registration and thereafter the institute rule governing Ph.D. will follow.

### 7. Financial support for students

The financial support be provided for a maximum period of 6 years. Rs. 6000 /- pm. will be paid from the date of joining the M.Sc.-Ph.D dual degree programme till the date of confirmation of Ph.D. registration. Rs.12000 /- pm. will be paid for one year after confirmation of Ph.D. registration. Alternately they can get TAship @ Rs.12000/- from the commencement of V semester if they qualify for the specified national examination in the information brochure for Ph.D. Admission as prevalent at that time (UGC / CSIR / GATE / DBT / ICMR etc.) The TAship will be enhanced to Rs.14000/- per month for the subsequent two years. For the remaining period of the duration the TAship will be Rs. 15000/- per month. **However, the payment of TAship will be subject to fulfillment of academic criteria / satisfactory research progress in the Annual Progress Seminar (APS).**

#### **8. Performance requirement for continuation of student academic continuation in the programme**

During the course work the student should maintain the academic requirement as per the institute policy governing Ph.D. programme.

#### **9. Specific premature Exit Policy and measures to be taken to ensure the non attractiveness of a premature exit.**

If the student is not able to maintain the minimum academic requirement of the Ph.D. programme., he/she may be permitted to leave the programme on case to case basis request. Under no circumstances he/she should be awarded an additional M.Phil degree as this could lead to all kind of situations where the student purposefully leaves the programme after six semesters. This could lead to imbalances and the committee was unanimous that the same exit policy that governs the Dual- Degree students admitted through JEE should be in force. If a student wants to leave the programme on his own his case should be considered on individual basis by the department.

#### **10. Maintaining coherence with the existing M.Sc. programmes.**

Since the committee adopted the Mukhopadhyay committee report as the basic building block on which this report is being given, it will maintain coherence with the existing (or revised as per Mukhopadhyay committee report) M.Sc. programmes in the Institute.

Sd/- (Prof. Rangan Banerjee)      Sd/- (Prof. Dulal Panda)      Sd/- (Prof. Shyam Asolekar)

Sd/- (Prof. Narayan Rangaraj)      Sd/- (Prof. Raghava Varma)