

**Indian Institute of Technology Bombay  
Academic Section**

Acad/2017-18/IDDP

December 21, 2017

**Subject : Proposed Working Document to implement Interdisciplinary Dual Degree programme**

In 231<sup>st</sup> meeting of senate held on 27<sup>th</sup> September 2017, the proposal for Interdisciplinary Dual Degree programme was approved. Placed below is the recommended modus-operandi for implementation :

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The interdisciplinary dual degree [IDDD] programme is approved in Senate keeping an option to open the same also to the UG students of 2014 batch as a one-time special case primarily to realize several aspects and gauge general students' interests. Some students of 2014 batch have already been pursuing the same and accordingly, DD, AIA in consultation with Chairman, Senate has approved the following implementation proposal.

- [a] IDDD programme will be open for NINE DD Specializations e.g.
- (i) Communications and signal processing, and Microelectronics in Electrical Engg. Department.
  - (ii) Energy Science and Engineering
  - (iii) Engineering Physics
  - (iv) Computer integrated manufacturing, Computer aided design and automation, and Thermal and fluids engineering in Mechanical Engg. Department.
  - (v) Metallurgical process engineering, Ceramics and composites in Department of Metallurgical Engg & Materials Sc.

These specializations were also open to 2014 UG batch at admission time.

- [b] A formal e-mail circular will be made by the office of Dean, AP to the students-notice asking interested UG students to apply using the form (as attached) directly to their respective parent departments. The minimum eligibility criteria [i.e. CPI  $\geq$  7.5 at the end of sixth semester and NO active backlog of 1st Year courses including NSO/NSS/NCC will be specified in the notice. **Last date for application will be specified as 27.12.17.**
- [c] The students will be asked to clearly present their course plans to complete the remaining part of UG program by the end of 8th Semester. No additional time will be provided.
- [d] The students will be also asked to propose course plan for the intended DD specialization. An usual DD program requires completion of **9 additional courses of 6 credits and a DD project of 74 credits**. In contrast, IDDD program also allows completing only **4 additional PG level courses [in lieu of 9 courses]** and the DD project to earn a "Dual Degree in xxx Specialization WITHOUT HONORS".
- [e] The scrutiny of the applications will occur first at the DUGC of the parent department followed by the DUGC of the destination departments.
- [f] The DUGC of the destination [DD Specialization] department should also specify the requisite remedial courses, if any, and whether the approved course program will lead to a DD degree with or without Honors in respective DD specializations for each selected applicant.

- [g] Each department can admit at most 2 UG students in each DD specializations as mentioned in [a]. Over and above the senate approved minimum eligibility criteria, a DUGC can consider additional eligibility and selection criteria. The list of the short-listed candidates will be forwarded to Dean, AP by the Convenor, DUGC of the admitting [destination] departments. A department can also provide a waiting list based on the merit. **Last date to receive the names of the short-listed candidates will be considered as 03.01.2018.** One-week additional time may be provided to the selected candidates for course adjustment.
- [h] The selection and entry of all candidates in IDDD program will remain to be provisional till the successful completion of UG programme by the end of 8th semester. The payment of Taship to the selected candidates will remain subject to terms and conditions as applicable to usual DD programs and other rules as applicable from time to time
- [i] Final list of selected candidates will also be conveyed to A/Dean, SA for adjustment in hostel accommodation.

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Submitted for consideration and approval.

Encl : Proposed Application Form

*Amitava De*

Dean (Academic Programmes)

*A.K. Singh* 21.12.17

Deputy Director (AIA)

*Approved for implementation*

Chairman, Senate

*A.K. Singh*  
21.12.17

का. निदेशक  
Ag. Director

*Joint Registrar*  
21/12/17  
Joint Registrar (Academic)

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Application for Conversion of Academic Programme from

B.Tech. in admitted department to M.Tech in other than admitted department

Personal Details:

Name of student: \_\_\_\_\_

Roll No. : \_\_\_\_\_ Department : \_\_\_\_\_

Number of semesters completed in this programme: \_\_\_\_\_ Current CPI: \_\_\_\_\_

Email ID \_\_\_\_\_ Mobile No \_\_\_\_\_

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Proposed Department for M.Tech with specialization (in order of preference)

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

Name(s) of the Proposed Supervisor(s) for the Dual Degree Project (in order of preference)

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

Proposed Co-supervisor(s) if any with details:

\_\_\_\_\_

Research Credentials (Documents attached) :

Project/Course	Guide/Professor/ Department	Year/Semester	Signature of professor/guide

Statement of Purpose:

**DECLARATION**

I, undertake to abide in the decision of the authorities for granting me change of programme. The programme allotted to me shall be acceptable & binding on me. I will not ask for any further reconsideration under any circumstances. I further understand that TA ship terms and conditions will remain same as applicable to existing DD programme and other rules as applicable from time to time.

Signature of faulty adviser

Signature of Student

**Comments by Current Department's Department Undergraduate Committee (DUGC):  
(including proposed study plan for eligibility of B.Tech Degree)**

Signature

Convener DUGC/DPGC  
of the parent Department

Comments by Department Undergraduate/Postgraduate Committee (DUGC/DPGC) for proposed M.Tech (including proposed study plan for eligibility of M.Tech.Degree)

Signature

Convener DUGC/DPGC  
of the proposed M.Tech. Department

To,

The Convener, UGAPEC