

Indian Institute
of Technology
Roorkee



M. Tech. in Semiconductor Technology

International Joint/Dual Master's Degree Program

Partner Universities:



國立清華大學

NATIONAL TSING HUA UNIVERSITY



國立臺灣師範大學

National Taiwan Normal University



國立陽明交通大學

NATIONAL YANG MING CHIAO TUNG UNIVERSITY



<http://ece.iitr.ac.in/jmdp>

ABOUT PROGRAM

Joint/Dual MTech in Semiconductor Technology is jointly offered by the Dept of Electronics and Communication Engineering and the Dept of Physics at IIT Roorkee and select partner Universities of Taiwan.

IIT Roorkee has signed agreements with the National Tsing Hua University (NTHU) (QS World #177), and National Yang Ming Chiao Tung University (NYCU) (QS World #202). The agreement with National Taiwan Normal University (NTNU) (QS World # 332), is under considerations.

The students enrolled in the Joint Master's Program will spend 2 semesters in each University (First and Last semesters at IIT Roorkee, Second and Third semesters at Partner University).

The students will get opportunity to do coursework & research at Universities of Taiwan working under joint guidance, on industry relevant problems in Semiconductors. The graduating students will have high scope of jobs and research opportunities in area of Semiconductors Fabrication, VLSI, IC Design and Testing both in India and Taiwan.

Joint Degree

Single degrees certificates from two different institutes (with two logos), for completion of overlapping course curricula, offered by two different institutions.

Dual Degree

Two degrees certificates from two different institutes, for completion of overlapping course curricula.

Advantages

Get quality education from best institutions in the subject field, in India and Taiwan.

Get close experience and training with Semiconductor Industries partners in Taiwan.

Pay Tuition Fee only @ IIT-Roorkee and selected scholarship for travel & stay in Taiwan.

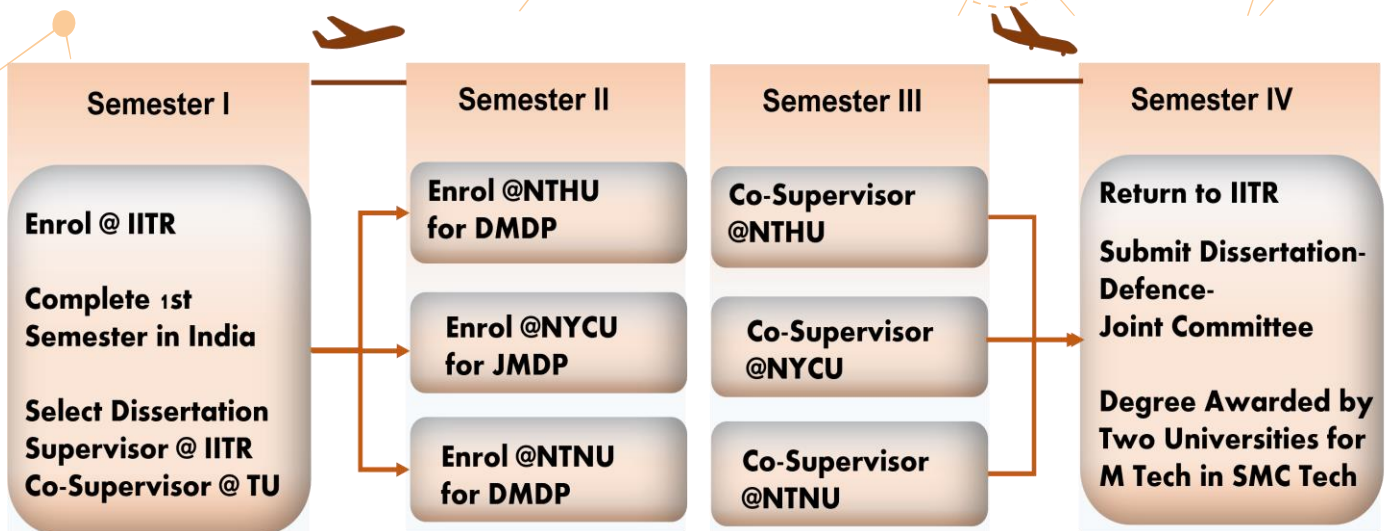
ELIGIBILITY CRITERIA

Bachelor's degree in B.Tech.(Electronics & Communication Engg. /Engineering Physics/ Electrical/Instrumentation or its equivalent in relevant discipline).

M.Sc. (Physics/Electronics/Applied Physics/Photonics/ Engineering Physics) or equivalent in relevant discipline.

GATE in disciplines EC/PH/EE/IN

Admission through M. Tech. admission program IIT Roorkee based on GATE rank.

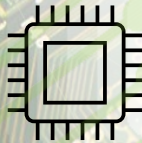
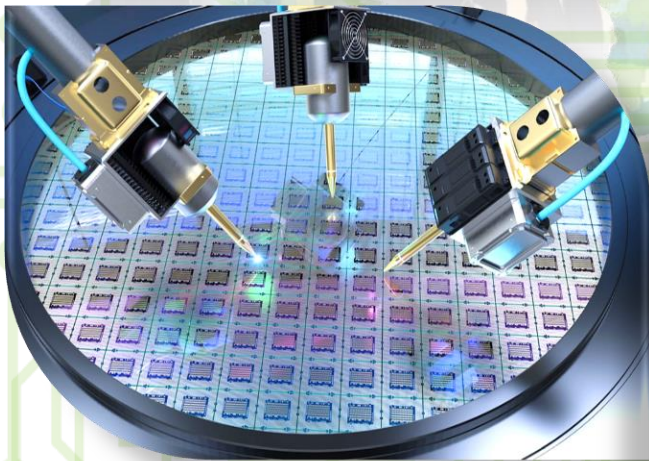


- Spend two semesters (2nd & 3rd) @ Taiwanese University
- Based on performance and dissertation topics, supervisors/ co-supervisor will decide partner university in Taiwan
- Based on performance students will get opportunity to spend two semesters in one of the Taiwanese Universities.
- Decision of administration will be final regarding semester visit.

PROGRAM FEES

- Ten graduate fellowships of amount Rs 12,000/- PM (on top of GATE fellowships) to selected candidates by Divya Sampark Technology Innovation Hub IIT Roorkee.
- Pay Tuition Fee only to IIT Roorkee (No tuition fee for study in Taiwan).
- Only Registration Fee @ Taiwan for Student Benefits.
- The students will have to bear the expenses towards visa processing, to and fro travel and lodging/boarding. The estimated expenditure for living in Taiwan would be Rs. 40,000/- per month.
- Opportunity to get financial support from DORA, IIT Roorkee

PLEASE VISIT: <http://ece.iitr.ac.in/jmdp>



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