# The state of the s

#### INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Powai, Mumbai - 400 076

# Admission to Postgraduate/ Ph.D. Programme Autumn Semester, Academic Year: 2019-20

Applications are invited ONLINE for admission to the Ph.D., M.Tech., M.Tech.+ Ph.D. (Dual Degree), M.Phil., M.Sc.-Ph.D.(Dual Degree) in Energy Programmes, Master in Public Policy (MPP) and Master in Urban Design and Engineering (MUDE) for the Academic Year 2019-20 starting from July 2019.

# Design and Engineering (MUDE) for the Academic Year 2019-20 starting from July 2019. Programme Minimum Eligibility criterion General Eligibility criterion for Admission in all Departments/ Centres/ Schools/ Interdisciplinary Groups. ONE of the following in appropriate subject areas: 1) Master's Degree in Engineering/Technology or equivalent degree, with First class or 60% marks (55% marks for SC/ST/PwD) as described in the PhD Information Brochure. Ph.D. 2) One of the following:

- (i) Bachelor's degree in Engineering/Technology with First class or 60% marks (55% marks for SC/ST/PwD) as described later in A.5.4.
- (ii) Master's degree in Science or equivalent degree, with First class or 60% marks (55% marks for SC/ST/PwD) as described later in A.5.4.
- (iii) Master's degree in Arts/Commerce or equivalent degree in allied subjects with a minimum of 55% marks (50% for SC/ST/PwD), only for admission to the Ph.D. programmes offered by the Industrial Design Centre and Department of Humanities & Social Sciences.

### Candidates must also fulfill ONE of the following additional requirements:

- i. Valid GATE/CEED/JEST (for Physics) Score.
- Junior Research Fellowship (JRF) of CSIR/ UGC/ NBHM/ DBT/ICAR/ICMR/ICPR or DST INSPIRE Fellowship.
- iii. Candidates having UGC-NET Lectureship (LS) are also eligible for Teaching Assistantship in addition to other academic qualifications in Humanities & Social Sciences Department.
- iv. Minimum of 2 years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought).

In addition to general eligibility criterion, applicants must satisfy the eligibility criteria specified for the respective Departments/ Centres/Schools/ Interdisciplinary Groups. Further, for financial support the eligibility criteria for specific category has to be satisfied.

Candidates are informed that an ongoing degree may also be considered as a qualifying degree provided by the applicant graduates before the Ph.D. programme starts. It is the responsibility of the applicants to satisfy their eligibility on this account.

#### Admission for IIT B.Tech. degree holders

Candidate having an B.Tech. degree from IITs and having a

CGPA/CPI score of 8.00 (on 0-10 scale) and above are exempted from requirement of GATE qualification. They may be admitted to Ph.D. Programme under TA/RA positions through written test and/or interview. General Eligibility for M.Tech. Programmes in all Departments/ Centres/ Schools/ Interdisciplinary groups/ Cross-Departmental M.Tech. Programmes Candidates with First class or 60% (55% marks for SC/ST) marks in B.E./ B.Tech./ B.Sc. (Engg.)/ M.Sc. /M.C.A./ M.B.B.S/ M.Pharm/ B.Pharm (4 yr. Degree)/ B.D.S.(4 yr. Degree)/ Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engrs. (India), Institute of Chemical Engrs., Aeronautical Society of India, Institute of Electronics & Telecommunication Engrs., Indian Institute of Metals e.t.c.) and recognized as equivalent to B.E. / B.Tech. Degree. The eligibility criteria for different programmes, admission categories and the requirement for GATE or other qualifying examinations are given in the M.Tech. Information Brochure 2019-Admission for IIT B.Tech. degree holders Candidate having an B.Tech. degree from IITs and having a CGPA/CPI score of 8.00 (on 0-10 scale) and above are exempted from requirement of GATE qualification. They may be admitted to M.Tech. Programme under TA/RA positions through written test and/or interview. Candidates eligible for admission to M.Tech. Progamme are also eligible for M.Tech.+ Ph.D. Dual Degree Programme, in certain M.Tech. + disciplines/ specializations. There is a common application for M.Tech. and M.Tech.+ Ph.D. (Dual Degree) Programme. Ph.D. (Dual Degree) Candidates after getting admission to M.Tech. Programme will be considered for M.Tech.+ Ph.D. (Dual Degree) Programme if they have opted for it in the application. Candidates should satisfy at least one of the following criteria: 1) Master's degree in Arts, Commerce or equivalent with a minimum M Phil of 55% marks or equivalent letter grade (50% marks for SC/ST) (Planning & from a recognized university or deemed university. Development) 2) B.Tech./M.Sc. degree or equivalent with adequate background in Social Sciences with a minimum of 60% marks or equivalent letter grade (55% marks for SC/ST). Admission to this programme is open to those who qualify in M.Phil. Entrance Test (MET)/ GATE/ UGC-JRF/UGC-LECTURERSHIP. All candidates need to appear for MET 2019 to be considered for admission. Those appearing for the above exams may also apply. Those who are in service may apply as sponsored candidates. The selection will be based on the qualifying test and interview. The candidate must have Bachelor's degree in Science of minimum M.Sc.- Ph.D. (Dual three years duration, with any one of Chemistry, Mathematics and Degree) in Physics for two years/four semesters and any one of the remaining two subjects for at least one year/ two semesters. The intake to the Energy programme is through JAM followed by interview conducted by Department of Energy Science and Engineering. Master in The candidate must have Master's degree or a 4-year bachelor's **Public Policy** degree (post 10+2) in Arts, Commerce, or equivalent with a

minimum 55% marks (50% marks for SC/ST) or equivalent letter grade/GPA from a recognized institution or deemed University. M.Sc. Degree or a 4-year B.Sc. Degree (post 10+2) or equivalent

(MPP)

with a minimum 60% marks (55% marks for SC/ST) or equivalent letter grade/ GPA from a recognized institution or deemed University. B.Tech. degree or equivalent with a minimum 60% marks or equivalent letter grade/GPA (55% marks for SC/ST).

All interested candidates (TAship applicant as well as others) will be required to appear for CPS's entrance exam. Admission to the MPP programme will not be considered without obtaining the requisite score. Successful candidates will then be invited for an interview, only after which their admission to the programme can be confirmed.

Candidates applying for Institute's TA ships will be required to submit valid GATE/UGC-NET/UGC-JRF/CSIR-NET/CSIR-JRF)/MET (M.Phil. Entrance Test of HSS, Dept, IIT Bombay) scores to be considered for the same.

## Master in ng (MUDE)

The candidate must have First Class or 60% marks (55% marks for Urban Design SC/ST) in B.Tech./B.E. or equivalent degree in any branch of andEngineeri Engineering, OR have First Class or 60% marks (55% marks for SC/ST) in Bachelor's degree in Architecture, Urban Planning or related disciplines having a valid GATE score in any subject.

Please read the guide-lines for respective programmes in the Brochure.

#### Schedule for PG Admissions for year 2019-20

Programme	Application	application forms	Last date for receipt of completed application forms
M.Tech./M.Tech.+Ph.D. (Dual Degree)	Online	20-03-2019	16-04-2019
Ph.D.	Online	20-03-2019	08-04-2019
M.Phil.	Online	01-04-2019	06-05-2019
M.ScPh.D. (Dual Degree) in Energy *	Online	01-04-2019	15-04-2019
Master in Public Policy (MPP)	Offline	03-04-2019	17-05-2019
Master of Urban Design and Engineering (MUDE)	Offline	01-04-2019	30-04-2019

<sup>\*</sup> For application forms, Information Brochure and other details, please visit the website http://www.ese.iitb.ac.in/academics/admission-details