

Q I P

QUALITY IMPROVEMENT PROGRAMME

Admission to Master Degree Programme for the academic year 2018-2019

(for the Full Time/ Permanent Faculty members of AICTE approved Degree level Engineering Institutions)

INFORMATION BROCHURE

Sponsored by



All India Council for Technical Education
(A Statutory Body of Government of India)

Admission Coordinated by



Principal Coordinator QIP
Quality Improvement Programme
Indian Institute of Technology Delhi
Hauz Khas, New Delhi – 110 016

DATES TO REMEMBER

Access to online submission of application/s	September 01st, 2017 (Friday)
Closing of online application/s access	October 06th, 2017 (Friday) 17:00 hrs
Last date for receipt of duly forwarded application/s along with enclosures	October 17th, 2017 (Tuesday)

**Both online and hardcopy of the application are required for processing.
Single version of the application will not be considered.**

7. Indian Institute of Technology Madras-MD

The minimum eligibility is a graduate degree with first class or minimum of 60% aggregate marks (or equivalent grade point average) in the corresponding or specified branch.

Code	Department	Fields of specialization	Minimum Qualification (The candidate should possess the following degree in B.E./B.Tech or equivalent)
MDAE01	Aerospace Engineering	Aerodynamics, Propulsion, Structures	Aerospace Engineering, Automobile Engg., Chemical Engg., Civil Engg., Computer Science & Engineering, Electronics & Communication Engg., Electrical & Electronics Engineering, Energy Engineering, Instrumentation, Mechanical Engineering, Manufacturing Engineering, Metallurgical Engineering, Naval Architecture, Production Engineering.
MDAM01	Applied Mechanics	Computational and Experimental Mechanics	Aerospace Engineering, Chemical Engineering, Civil Engineering, Energy Engineering, Mechanical Engineering, Metallurgical Engineering, Naval Architecture.
MDAM02		Biomedical Engineering	Biomedical Engineering, Electrical and Electronics Engineering, ECE, Civil, Mechanical, E&I Engineering, Computer Science Engineering / Computer Science
MDCH01	Chemical Engineering	Transport and Reaction Engineering, Systems and Control, Biochemical Engineering, Environmental Engineering, Materials and processes	B.E./B.Tech or equivalent degree in Chemical Engineering, Biochemical Engineering, or Environmental Engineering
MDCE01	Civil Engineering	Building Technology & Construction Management	Architecture(B.Arch.),Civil Engineering
MDCE02		Environmental Engineering	Agricultural Engineering, Biotechnology, Chemical, Engineering, Environmental & Civil Engineering, M.Sc .in Life science.
MDCE03		Geotechnical Engineering	Civil Engineering
MDCE04		Hydraulic & Water Resources Engineering	Agricultural Engineering, Environmental and Civil Engineering
MDCE05		Structural Engineering	Civil Engineering
MDCE06		Transportation Engineering.	Architecture (B.Arch.), Civil Engineering
MDCS01	Computer Science & Engineering	Computer Science & Engineering	B.E./ B.Tech (CSE, CS, or IT) or MCA with a prev. B.Sc. degree or M.Sc (CS)
MDEE01	Electrical Engineering	Communications, Networks, Signal processing, Speech & Image Processing Information Theory	Electronics & Communication Engineering
MDEE02		Power Systems & Power Electronics	Electronics & Communication Engineering, Electrical & Electronics Engineering, Instrumentation Engineering.
MDEE03		Micro Electronics & VLSI Design	Electronics & Communication Engg.
MDEE04		Control and Instrumentation	Electrical and Electronics Engineering, Electronics and Communication Engg., Control and Instrumentation Engineering.
MDEE05		Microelectronics	B.E/ B.Tech. /M.Sc., in Electrical & Communication Engg./ Instrumentation Engg. / Electrical & Electronics Engineering / Physics who qualify with GATE subject EE/EC/IN/PH.
MDEE06		Integrated Circuits and Systems	Electronics & Communication Engineering, Electrical & Electronics Engineering, Instrumentation Engineering.

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MDME01	Mechanical Engineering	Thermal Engineering Stream: (Combustion & Propulsion, Heat Transfer & Thermal Power, I.C. Engines & Gas Turbines, Hydro Turbomachines, Refrigeration & Air Conditioning, Thermal Turbomachines)	Aeronautical/ Aerospace Engineering, Automobile Engg., Chemical Engineering, Energy Engineering, Mechanical Engineering, Marine Engineering, Petroleum Engineering
MDME02		Design Stream: (Mechanical Design, Composites Technology)	Aeronautical/ Aerospace Engineering, Automobile Engg., Mechanical Engineering
MDME03		Manufacturing Engineering Stream: (Manufacturing and Precision Engineering)	Aerospace Engineering, Automobile Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Industrial Engineering, Instrumentation, Mechanical Engg., Manufacturing Engg., Machine Tool Engineering, Naval Architecture, Production & Industrial Engineering, Production Engineering
MDMM01	Metallurgical & Materials Engineering	Metallurgical & Materials Engineering	BE/ B.Tech or equivalent in Biotechnology, Chemical Engineering, Manufacturing Engineering, Materials Technology, Mechanical Engineering, Metallurgical Engineering, Nanotechnology, Production Engineering or other appropriate branch of Engineering/Technology. Science postgraduates (M.Sc. or equivalent) in Physics, Chemistry, Materials Science, Nanoscience, Nanotechnology or other appropriate branch of Science with exceptional merit and research or industrial experience may be considered.
MDOE01	Ocean Engineering	Ocean Engineering	Civil Engineering, Naval Architecture, Mechanical Engineering, Marine Engineering, Aerospace Engineering OR M. Sc. in Oceanography
MDOE02		Petroleum Engineering	Chemical Engineering, Civil Engineering, Marine Engineering, Mechanical Engineering, Naval Architecture, Petroleum Engineering Or any other appropriate engineering discipline OR M.Sc in Physics, Mathematics, Statistics Oceanography, Geology and Geophysics
MDMA01	Mathematics	Industrial Mathematics and Scientific Computing	M.Sc. in Mathematics or Physics or BE/ B.Tech or equivalent in Aerospace Engineering, Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Metallurgical Engineering, Naval Architecture.
MDPH01	Physics	Functional Materials & Nanotechnology	M.Sc. Physics/ Applied Physics, M.Sc. Material Science, Electronics and Communications Engineering, Electrical and Electronics Engineering, Metallurgical and Materials Engineering.