INDIAN INSTITUTE OF TECHNOLOGY MADRAS

2018 PLACEMENT BROCHURE

RANKED #1 THRICE AMONG ENGINEERING INSTITUTIONS BY GoI
**Our Vision**

To be an academic institution in dynamic equilibrium with its social, ecological and economic environment striving continuously for excellence in education, research and technological contribution to the nation.

**Our Mission**

To create and sustain community of learning in which students acquire knowledge and learn to apply it professionally with due consideration for ethical, logical and economic issues.

To provide knowledge based technological services to satisfy the needs of society and the industry.

To help in building national capabilities in science, technology, humanities, management, education and research.
Established in 1959, Indian Institute of Technology Madras is one of the foremost institutes of national importance in technical education and applied research. IIT Madras stands gloriously as the best among all the premier institutes in the country according to the NIRF for the third consecutive year.

It has been instrumental in nurturing the dreams and aspirations of some of India’s brightest minds through a mix of intensive curricular and co-curricular activities. The programs aimed at developing in each student, a mastery of fundamentals, versatility of mind and motivation for learning, have resulted in well-rounded leaders of the highest professional competence.

IITM had the top placement among IIT’s in 2017 in terms of students placed.

The student community comprises of the academically elite class of students who have come out in top 0.01% in one of the most difficult entrance tests of the country, JEE.

The confluence of a multitude of skill sets exhibited by the students helps each of them to have an exponential growth in their learning curve.

The institute provides students an environment to pursue their passions, be it sports, music or arts. There exists a healthy amalgam of academics and extra-curriculars in the institute, each given equal importance.

World class cultural, technical and sports festivals of large magnitude organized entirely by the students manifests their managerial skill set.
Our Alumni

Distinguished Alumnus Awardees - 2018

Dr. D. V. Satya Gupta is a Technology Fellow at Baker Hughes, a GE company.

Shri Lazar T. Chitilappilly has been a scientist-engineer at VSSC / ISRO from 1985. He is currently Project Director for Air Breathing Propulsion.

Dr. Giridhar Madras is a Professor of Chemical Engineering at the Indian Institute of Science, Bangalore. He is also an Associate Faculty in Solid State and Structural Chemistry and the Chairman of the Interdisciplinary Center for Energy Research.

Dr. Chandy has been at the California Institute of Technology, first as Sherman Fairchild Fellow for two years, and then as Simon Ramo Chair Professor in Computer Science. He is now an Emeritus Professor at Caltech.

Dr. Mas Subramanian is the Signature Faculty Fellow of Oregon Nano science and Micro technologies Institute. He has also served as Director of Materials Institute, Oregon State University.

Dr. Naga Bhushan is a pioneer responsible for advancement of communication theory and for its innovative implementation. His role as the Vice President, Technology at Qualcomm Inc. places him at the helm of technologies that are the bedrock of the current smart-phone revolution.

Dr. Noshir S. Contractor is the Jane S. & William J. White Professor of Behavioral Sciences at Northwestern University, USA. He has been faculty of University of Illinois at Urbana-Champaign.

Dr. Seeram Ramakrishna is currently a Professor and Director of the Center for Nanofibers and Nanotechnology in the Department of Mechanical Engineering, National University of Singapore (NUS).

Dr. Sudhir Kumar Mishra is currently the Distinguished Scientist & Director General (BrahMos) of, DRDO, Ministry of Defence, and CEO & MD of BrahMos Aerospace.

Dr. Sridhar R. Tayur is a Ford Distinguished Research Professor of Operations Management, at Carnegie Mellon University, Pittsburgh, USA. He has also held positions at IBM, AT&T and Cornell University.

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RESEARCH AT IIT MADRAS

Every faculty member of IITM has a Doctorate from a prestigious national and international college/university.

Professors are involved in cutting edge research in various fields.

A number of faculty members have patents to their name and are authors of numerous research papers published in international journals. Several faculty members are also leading editors of international journals.

Several faculty members have been advisors to both industry and government through consultancy projects and sponsored research.

Major Research Centres

- Indo-German Centre for Sustainability
- National Centre for Catalysis Research
- National Centre for Combustion
- R & D Centre for Nanotechnology
- Centre for China Studies
- Centre for Social Innovation & Entrepreneurship
- Materials Science Research Centre
- National Centre for Combustion Research and Development
- Centre for NEMS and Nanophotonics
- National Technology Centre for Ports, Waterways and Coasts (upcoming)

IIT MADRAS NEWS

- 389 crores worth sponsored research
- 5.57 crores revenue from patents
- 148 crores worth consultancy projects
- 615 journal publications and citations in last year (highest amongst all IITs, data from Scopus as on 29th June 2018)

- IIT Madras student chosen for Google PhD Fellowship
- IIT Madras’ satellite campus to soon host National Technology Centre for Ports, Waterways and Coasts
- IIT Madras’ Carbon Zero Challenge attracts participants from students, startups and entrepreneurs
- DoT to set up 5G development centre in tie-up with IIT Madras
- IIT Madras, Applied Materials India to take up research in Artificial Intelligence
- IIT-M Startup Ather Energy launches E-scooter with top speed of 80 km/hr
ACADEMIC PROGRAMMES OVERVIEW

B.Tech

The programme's central goals are to impart fundamentals of professional engineering to the young students. The admission to these programs is carried out through the Joint Entrance Exam (IITJEE) one of the toughest examinations in the world, with a 0.8% average acceptance ratio into the IITs from a pool of 10,00,000 students. A two semester project in the final year is also a part of the curriculum. Aimed at inculcating a sense of original research amongst the students, it also gives them an exposure to state of the art technology and cutting edge research undertaken in the institute.

Dual Degree

The Dual Degree programme, a unique ten semester programme, confers a B.Tech in a basic field of engineering with an M.Tech in specialized areas. The students complete additional courses in the area of specialization and a yearlong project under the guidance of a professor.

IDDDD

New Interdisciplinary Dual Degree Programs aims at equipping student from any branch to specialize in the following field of their interest thus broadening the domain of their knowledge.
1. Advanced materials And Nano Technology
2. Biomedical Engineering
3. Computational Engineering
4. Data Science
5. Energy Systems
6. Robotics

M.Tech

This four-semester program, offered by twelve departments, developed to provide graduates with a synergetic combination of industry-oriented course work and research. Graduate students in various fields of engineering are admitted to various specializations through GATE (Graduate Aptitude Test in Engineering). The academic curriculum includes core courses and electives to develop a strong theoretical base along with a final-year project and seminars. Admitted graduates may have prior work experience.

M.S (by research)

M.S (By Research) is a postgraduate level Research Program. MS Scholars pursue research in various contemporary domains, leading to submission of a thesis, which is peer reviewed. The research work often results in publications in reputed national and international conferences and journals. Admission to this program is via GATE Score, followed by a written test and interview at the institute in relevant stream. Tentative time for completion is 2-3 years.

PhD

PhD is a rigorous research program, for which admission is through a comprehensive evaluation of a candidate's ability by a written test and an interview process. Completion of PhD establishes a candidate's ability to pursue independent basic or applied research, and prepares him/her for a career in industry, academia or research laboratories. The research carried out is quite rigorous in nature, and leads to publications in reputed international journals and conferences and the PhD thesis is peer reviewed by eminent researchers in relevant fields. Tentative time for completion is 4-5 years.

M.A

This four semester programme takes the best science graduates of the country through JAM (Joint Admission Test to M.Sc). On an average, only 4% of the aspiring candidates are admitted to this programme offered by the IITs. The program is developed to impart essential knowledge in the respective departments and provide opportunities for specialization in all major areas.

M.B.A.

The two year management education at IIT Madras offers a distinct learning environment with a diverse academic programme being offered on the campus. Being a part of IIT ecosystem, MBA students would learn from interactions with leading thought leaders across industry verticals. Concentrating on the main functional areas of management - Finance, HR&OB, Information Systems, Integrative Management, Marketing and Operations, students are also given a strong orientation towards the use of analytical tools and techniques.

M.A

The unique five year integrated programme, launched in 2006, leads to Master of Arts degree in three major streams - Development Studies, Economics, and English Studies. The MA Program exposes students to a wide variety of disciplines in Social Sciences and Humanities, moving on to develop strong analytical communication and research skills in the relevant stream through applied project quantitative subjects and a firm theoretical backing.
Department of Aerospace Engineering

Established in 1969, the Department of Aerospace Engineering at IIT Madras has excellent experimental and computational facilities and has been actively involved in research activities of national importance. The department offers B.Tech, Dual Degree, M.S, M.Tech and PhD programmes. The faculty of the department can be divided into three categories Aerodynamics, Propulsion and Structural Mechanics. The well-planned curriculum ensures that the fundamental knowledge of the students is sound and they are exposed to a wide range of basic practical and theoretical courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Count</th>
</tr>
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<tbody>
<tr>
<td>B.Tech</td>
<td>28</td>
</tr>
<tr>
<td>Dual Degree</td>
<td></td>
</tr>
<tr>
<td>B.Tech in Aerospace Engg and M.Tech in Applied Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>B.Tech and M.Tech in Aerospace Engg</td>
<td>18</td>
</tr>
<tr>
<td>M.Tech</td>
<td>32</td>
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<tr>
<td>M.S</td>
<td>43</td>
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<tr>
<td>PhD</td>
<td>28</td>
</tr>
<tr>
<td>Total</td>
<td>153</td>
</tr>
</tbody>
</table>

Department of Biotechnology

The Department of Biotechnology, setup in 2004 offers B.Tech, Dual Degree, M.S and PhD programmes in Biotechnology. The department also offers M.Tech and PhD programs in Clinical Engineering, a joint initiative by IIT Madras, Sree Chitra Tirunal IMST & CMC Vellore. This is an interdisciplinary program that exposes students to the growing health care needs by providing access to super specialty hospitals and state of the art facilities in biomedical/bioengineering research. The focus of the department includes basic research in molecular basis of life processes to applied research in modern biotechnology. This is the most interdisciplinary department amongst all the IIT’s, and has the finest infrastructure for carrying out research in proteomics, genomics, bioprocess engineering and computational biology. Several of the faculties have long industry experience.

<table>
<thead>
<tr>
<th>Course</th>
<th>Count</th>
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<tbody>
<tr>
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<td>(B.S and M.S) Biological Science</td>
<td>13</td>
</tr>
<tr>
<td>(B.Tech and M.Tech) Biological Engineering</td>
<td>29</td>
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<tr>
<td>M.Tech</td>
<td>8</td>
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<td>M.S</td>
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<td>PhD</td>
<td>63</td>
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<td>Total</td>
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</table>

Department of Applied Mechanics

The Applied Mechanics department has been in existence since 1959 and has grown into a full-fledged interdisciplinary graduate research department over the years offering M.Tech, M.S and PhD programmes. The Department focuses on academic activities in three broad areas viz., Fluid Mechanics, Solid Mechanics and Biomedical Engineering. The faculties of this Department are drawn from the fields of Aerospace Engineering, Applied Mechanics, Biomedical Engineering, Civil Engineering, Electronics & Instrumentation Engineering and Mechanical Engineering teaching various subjects such as advanced structural mechanics, composite structures & smart materials, FEM, advanced fluid mechanics, CFD, turbulence, haptic, biomechanics, biomedical signal processing only to name a few.

<table>
<thead>
<tr>
<th>Course</th>
<th>Count</th>
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<tr>
<td>M.Tech</td>
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<tr>
<td>Biomedical</td>
<td></td>
</tr>
<tr>
<td>Computational and Experimental Mechanics</td>
<td>20</td>
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<tr>
<td>M.S</td>
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<tr>
<td>PhD</td>
<td>36</td>
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<td>Total</td>
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</table>

Department of Chemical Engineering

The Department of Chemical Engineering offers B.Tech, Dual Degree, M.Tech Master of Science (MS) and PhD programmes. The department also offers M.Tech Program in Catalysis Technology. With sophisticated and state of the art lab facilities, the best Sophisticated Analytical Instrumentation Facility (SAIF), a rigorous curriculum and trained by highly qualified and experienced faculty members, it churns out the best chemical engineers in the country every year. It also offers a variety of elective courses such as Biochemical engineering, Polymer technology, Renewable energy resources etc. The Process Control and Systems engineering group has been ranked among the best worldwide.

<table>
<thead>
<tr>
<th>Course</th>
<th>Count</th>
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<tbody>
<tr>
<td>Dual Degree</td>
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<tr>
<td>(B.Tech and M.Tech) Chemical Engg</td>
<td>24</td>
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<tr>
<td>M.Tech</td>
<td>8</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>31</td>
</tr>
<tr>
<td>Catalysis Technology</td>
<td>12</td>
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<tr>
<td>M.S</td>
<td>12</td>
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<tr>
<td>PhD</td>
<td>12</td>
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<td>Total</td>
<td>152</td>
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</table>
### Department of Civil Engineering

The Department of Civil Engineering offers courses and activities that encompass Planning, Design, Construction and Management of engineering projects. The academic programmes, B. Tech., M.Tech., M.S. and Ph.D. of the Civil Engineering department at IIT Madras are some of the best in the country and the world. Our students work on projects that are at the forefront of technological advancements in this field. Many of the faculty members have received advanced degrees and/or training from reputed institutions worldwide. Many of our alumni hold prestigious positions in leading academic institutions, industry and government in different countries all over the world.

<table>
<thead>
<tr>
<th>Course</th>
<th>Number</th>
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<td>PhD</td>
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<td>Total</td>
<td>103</td>
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</table>

### Department of Computer Science and Engineering

The mission of the CSE Department is to impart knowledge, both theoretical and practical, to enable the student to solve challenging real world computing and related problems upon graduation. The CSE Department at IIT Madras brings together a highly talented and motivated set of professors and students, with a wide range of expertise in various domains of CSE. The Department offers B.Tech, Dual Degree, M.Tech., M.S and Ph.D programs. A strong foundation in the core aspects of CSE that can be applied to solve practical and large scale system problems is a key component of the CSE curriculum both in the theory courses as well as the labs. Correspondingly, there is a strong emphasis on teamwork and interdisciplinary applications of CSE knowledge.

<table>
<thead>
<tr>
<th>Course</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>B.Tech</td>
<td>53</td>
</tr>
<tr>
<td>Dual Degree</td>
<td>5</td>
</tr>
<tr>
<td>M.Tech</td>
<td>11</td>
</tr>
<tr>
<td>M.S</td>
<td>28</td>
</tr>
<tr>
<td>PhD</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>162</td>
</tr>
</tbody>
</table>

### Department of Electrical Engineering

Our department was established in 1959. We currently have about 1063 students, 65 faculty members, 37 supporting staff members, Inspire Faculty 2, PDF for Women 1, DBT Ramalingaswami Fellow 1 and 2 Institute post-doctoral fellows with us.

The department of Electrical Engineering is one of the largest departments in IIT Madras which works in the frontier areas of communications, micro-grids, integrated circuits and systems, microelectronics, electro-magnetics and photonics, and biomedical devices. It works closely with industry, research labs, defense labs, hospitals and government. It counts many IEEE Fellows, Bhatnagar awardees, Swarna Jayanti awardees and editors of prestigious professional journals among its faculty.

<table>
<thead>
<tr>
<th>Course</th>
<th>Number</th>
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<tbody>
<tr>
<td>B.Tech</td>
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<tr>
<td>Dual Degree</td>
<td>5</td>
</tr>
<tr>
<td>M.Tech</td>
<td>11</td>
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<td>M.S</td>
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<tr>
<td>PhD</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>162</td>
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</table>
Department of Engineering Design

The Department of Engineering Design was established in IIT Madras as its 16th Department with a focus on interdisciplinary teaching and research to provide the much needed leadership in this area. The first of its kind in the country, the programme constitutes a B.Tech, specialization in Engineering Design and M.Tech specializations in Automotive Engineering and in Biomedical Design with a strong thrust on the modern practices of design. A group of highly motivated professors teach the students the concepts of mechanics manufacturing, electronics mechatronics, modeling, automobile design, biomedical design, conceptual, functional and system design, ergonomics and aesthetics.

A unique feature of the curriculum is the semester-long internship in the industry during which the students work on a ‘live’ industry project and gain exposure.

Department of Humanities and Sciences

Founded in 1959 the Department of Humanities and Social Sciences is one of the oldest in IIT Madras. The Department’s essentially inter-disciplinary nature is its distinguishing factor. This allows students to develop an appreciation for a very diverse set of fields, including Development Studies, Economics, English Studies, Environmental Studies, History, International Relations, Philosophy, Political Science, and Sociology. The Department offers both Master’s and Doctoral programmers’, as well as electives for B.Tech and M.Tech students.

Coupled with its multi-disciplinary background, the Department boasts of a highly diverse and experienced faculty. It has an excellent student-teacher ratio, providing opportunities for academically intense learning.

Equipped with state of the art facilities in a serene campus, the department offers an enriching academic environment.

Department of Management Studies

In addition to the MBA programme the department, offers research programs - M.S and PhD and a two-year degree Executive Master of Business Administration (EMBA).

Executive Master of Business Administration (EMBA) is a two-year program aimed at providing mid-career working professionals with such a functional and integrative perspective and imbibing contemporary management knowledge to lead a modern business organization.

The department also offers a unique program in Entrepreneurship leading to an MS degree. The research programs are aimed to develop i) remarkable faculty resources in different areas of Management and ii) Molding professionals to lead change, innovation and development in industries. Research activities at the department are in areas of Operations and Supply Chain Management, Logistics Management, Financial Management, Marketing Management, Human Resources, Information Systems and Integrative Methodologies.

Department of Mathematics

The Department of Mathematics offers M.Sc. programme in Mathematics, M.Tech programme in Industrial Mathematics and Scientific Computing (IMSC) and the, Ph.D. programme. The department has the expertise in the areas of Algebra Analysis, Geometry, Computational & Applied Mathematics (like fluid; dynamics), Probability and Statistics, and Discrete mathematics & Theoretical Computer Science. More than 75 research scholars doing PhD in diverse areas of pure and applied mathematics. Both M.Sc. and M.Tech programs of the department, having courses in theoretical as well, as computational & applied areas of mathematics prepare the students well for carrier in academia and industries.
Department of Physics

The Department of Physics at IIT Madras consists of 47 faculty members with diverse research interests covering many areas of theoretical and experimental physics. The department offers programs at undergraduate, Master’s and Doctoral levels. The B.Tech program in ‘Engineering Physics’ is an unique combination of Physics and Electrical Engineering. In the B.S and M.S Dual Degree program in Physics and the M.Tech program in Solid State Technology with a one year project requirement as well as the M.Sc. Physics Program prepares students well for a career in research or industry. The PhD program offers several exciting frontier research areas spreading across theory experiments and applications.

<table>
<thead>
<tr>
<th>Programme</th>
<th>2018-2019</th>
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<tbody>
<tr>
<td>B.Tech</td>
<td>27</td>
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<tr>
<td>Dual Degree</td>
<td></td>
</tr>
<tr>
<td>B.Tech (B.S and M.S) Physics</td>
<td>10</td>
</tr>
<tr>
<td>M.Tech</td>
<td>8</td>
</tr>
<tr>
<td>Functional Materials and Nanotechnology</td>
<td>41</td>
</tr>
<tr>
<td>M.S</td>
<td>39</td>
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<tr>
<td>PhD</td>
<td></td>
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<tr>
<td>Total</td>
<td>125</td>
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</tbody>
</table>

Department of Metallurgical and Materials Engineering

The Department of Metallurgical and Materials Engineering offers B.Tech, Dual Degree M.Tech, M.S & PhD Programmes and draws in faculty’s expertise in a variety of areas like Metal Forming, Metal Joining, Materials Technology, Extractive Metallurgy, Physical Metallurgy, Iron and Steel Technology, Computational Techniques, Corrosion, Materials Processing, etc. to equip the students with an unmatched skill set in these core areas. The emerging areas in Materials Science such as Nanotechnology, Fuel Cells, Bio-materials, and Additive Manufacturings are also covered through course. This department wherein course are offered by faculty from other departments too like Mechanical and Chemical Engineering also offers an M.Tech Programme in Nuclear Engineering. Students admitted to this Programme also undergo compulsory summer training at Indira Gandhi Centre of Atomic Research (IGCAR) where they undergo rigorous training and work on challenging projects.

<table>
<thead>
<tr>
<th>Programme</th>
<th>2018-2019</th>
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<tbody>
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<td>B.Tech</td>
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<tr>
<td>Dual Degree</td>
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<tr>
<td>Intelligent Manufacturing</td>
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<tr>
<td>Product Design</td>
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<tr>
<td>Thermal Engineering</td>
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<tr>
<td>M.Tech</td>
<td>53</td>
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<tr>
<td>Thermal Engineering</td>
<td></td>
</tr>
<tr>
<td>Manufacturing Engineering</td>
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<tr>
<td>Mechanical Design</td>
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<td>M.S</td>
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<td>PhD</td>
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Department of Naval Architecture and Ocean Engineering

Established as the Ocean Engineering Center in 1977 and upgraded to an academic department in 1982, the academic degree programs offered by the department are B.Tech(Naval Architecture & Ocean Engineering), Dual Degree (B.Tech in Naval Architecture and Ocean Engineering and M.Tech in Naval Architecture and Ocean Engineering) or Applied Mechanics M.Tech (Ocean Engineering), M.Tech (Ocean Technology M.Tech (Petroleum Engineering), M.S and PhD programmes (research degrees). The department is equipped with a range of hydrodynamic and other experimental facilities unique in nature. The department has a strong association with the industry forged through consultancy projects, sponsored research and student internships.

<table>
<thead>
<tr>
<th>Programme</th>
<th>2018-2019</th>
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<tbody>
<tr>
<td>B.Tech</td>
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<tr>
<td>Dual Degree</td>
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</tr>
<tr>
<td>B.Tech in Naval Architecture and Ocean Engineering and M.Tech in Applied Mechanics</td>
<td>7</td>
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<tr>
<td>B.Tech and M. Tech in Naval Architecture and Ocean Engineering</td>
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</tr>
<tr>
<td>M.Tech</td>
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</tr>
<tr>
<td>Ocean Engineering</td>
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<tr>
<td>Ocean Technology</td>
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<tr>
<td>Petroleum Engineering</td>
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<tr>
<td>Offshore Structures</td>
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</tr>
<tr>
<td>M.S</td>
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<tr>
<td>PhD</td>
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</tr>
<tr>
<td>Total</td>
<td>110</td>
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</table>

Department of Mechanical Engineering

The Mechanical Engineering Department of IIT Madras is not only one of the oldest, but also one of the biggest Departments of the institute, with nearly 700 undergraduates and 500 post graduates. The departmental activities can be categorized into 3 major streams, namely Design, Manufacturing and Thermal Engineering. Mechanical Engineering is a highly diversified branch. With 9 well equipped laboratories and over 60 distinguished faculty members, IITM gives students the opportunity to pursue any area of interest. Apart from that students are provided sufficient exposure to both academia and industry through their final year projects and industrial training internships.

DEMOGRAPHY OF DEPARTMENTS
INTERNSHIPS AND INTERNATIONAL RESEARCH

Students take up Internships to gain firsthand experience of the professional world, generally during their second and third year of their academic programme. The duration of the internships varies between 6 weeks during winter break and 8 to 10 weeks during summer break. Recruiters include Core Engineering firms, leading Banks and analytics companies, FMCGs and startups. Some students also pursue research internships in esteemed universities worldwide.

FOREIGN UNIVERSITIES

MIT, Boston
Georgia tech
John Hopkins
Carnegie Mellon University
Nanyang Technological University
Ohio State University, Canada
University of Duisburg, Germany
University of Melbourne
National University of Seoul
Purdue University
University of British Columbia
University of Waterloo

117 PPO’s

INTERNSHIPS

Companies recruit interns every year

100+
CO-CURRICULAR ACTIVITIES

SHAASTRA
Shaastra is the annual technical festival of IIT Madras. A plethora of events, competitions, summits, lectures, video conferences, exhibitions and workshops are held over a span of 4 days. A student-run festival, it holds the distinction of being the first such event in the world to be ISO 9001:2000 certified for implementing a Quality Management System.

Many eminent academicians, industry leaders, scientists & innovators visit Shaastra to deliver lectures and introduce students to the cutting-edge research happening in various fields.

SAARANG
Saarang is the annual student-cultural festival of IIT Madras. The festival has enthusiastic participation in Choreo, Debate, Dramatics, Music and Professional Shows. More than 50000 college students across the country attend the festival each year.

CFI
Centre for Innovation (CFI) is the 'Student Lab' at IIT Madras. It's tag line is “Walk in with an idea, and walk out with a product”. The industrious student innovators are connected, coached, and supported through a process that allows them to identify and validate key assumptions behind their ideas, develop skills, and move them a few steps down the road to becoming experienced innovators and entrepreneurs.

FINANCE CLUB
Finance Club of IIT Madras is a student driven initiative that provides a perfect platform for students to hone the skills required to make the mark in the Financial Sector. The activities of the club are molded in such a way that participants gets updated with current happenings of the financial world, nuances of investment and financial markets and can evaluate or identify current career opportunities in this sector. The club also handle a virtual portfolio, further enhancing the skill set of the students.

ANALYTICS CLUB
The primary objective of the club is to provide students with an interdisciplinary collaborative environment through which they can organize themselves to better their understanding of analytics. This club serve as a unifying body that connects all students interested in data crunching to acquire necessary statistical and computational skills to draw meaningful conclusions from data.

We provide opportunities for students to pursue their interest in analytics through projects, workshops, lectures by prominent personalities from the industry and weekly sessions regardless of prior knowledge or experience.

RESEARCH SCHOLARS’ DAY
Research Scholars’ Day (RSD) is the premier research festival of IIT Madras, and it is a platform to showcase the various innovative research activities happening at the institute. It provides a chance for everyone to witness research in its full splendor and to interact with top professionals from industry and academia.

RESEARCH CONNECT
An initiative launched in 2017, Research Connect aims to bring industry and academia closer together. Industrial R&D Experts are invited to visit our laboratories and interact with researchers at IIT Madras, and explore possible research collaborations and sponsored research activities.
ENTREPRENEURSHIP ACTIVITIES

99

Tech startups have been incubated from IIT Madras

Startups that have emerged as Companies from IIT Madras so far

Atlier Energy
Hyperverge
Planys Technologies
Airwood Aerostructures
Detect Technologies

E-CELL
The primary mission of the cell is to imbue the spirit of entrepreneurship in students and faculty community from various colleges across India, inspire and encourage them to take on entrepreneurial challenges, and assist them in their efforts to launch and run business ventures.

INCUBATION CELL
IITMIC seeks to nurture technology and knowledge based ventures through their startup phase by providing the necessary support to help entrepreneurs survive in the competitive market and reach a stage where they can scale-up their ventures further.

RTBI
Based at the IITM Research Park, the RTBI uses business incubation as a strategy and methodology for rural and social development through capacity building, income generation and services and has since incubated over 30 companies. These ventures are leading the dissemination of world class technology to solve some of rural India’s most difficult problems such as power, water and education.

BIO-INCUBATOR
With the objective of fostering Indian biotech innovation and entrepreneurship, it aims to help startups develop globally competitive products and attain commercialization. It is housed in IIT Madras Research Park (IITMRP) and falls under the purview of IIT Madras Incubation Cell (IITMMIC). Currently housing 11 start-up companies.

CSIE
Started with an objective of prodding students towards social entrepreneurship, the centre has links and works with institutes like Tata Institute of Social Sciences, CIIE of IIMA, Centre for Innovation in Public Stems (Hyderabad), the UN Global Compact and the Ateneo School of Government (Philippines).

NIRMAAN
Nirmaan focuses on product development and also encourages entrepreneurial ideas by providing seed funding for the startups led by students. It assists those with an idea on every step involved in converting the idea into a full fledged incubated startup. It acts as a platform for series of conferences and networking opportunities with top notch entrepreneurs and venture capitalists.
How about having a single website, through which one can get to see the profiles of all IITM research scholars by means of a simple keyword search?

IIT Madras Research Scholars portal, provides such an access!

It is aimed at making research accomplishments of the IITM scholars available to the public domain.

Through this, prospective employers, potential collaborators, and Co-researchers from other institutions can establish contact with research scholars working in desired area of interests with ease.

One can access the complete profiles of scholars which they find relevant, by signing up their organisation via this link.

https://scholars.iitm.ac.in/
The Training and Placement Office at IIT Madras is responsible for all placements related activities. The Placement Procedure for 2018-2019 is as follows:

1. The office sends invitations to companies along with relevant links. Companies interested in recruitment are to register with Placement Office via the online portal of Training and Placement Office.

2. Companies have to fill in all the required fields of the Employer Registrations Forms online once accepted and opened to students cannot be modified.

3. Companies can see the resumes of interested students in the online portal. If interested, companies can conduct a pre-placement talk on the campus. Pre-placement talks are subject to availability of slots.

4. Written or Online tests can be conducted by the companies before November. The student representatives will help the companies in finding a slot of mutual convenience and availability.

5. Internal Date Allotment committee comprising of faculty, students and other staff members decide campus interview dates of all registered companies. Dates are notified to the companies on November 4th, 2018.

6. Placements start on December 1, 2018. Companies are required to submit a list of selected students to the Placement Office by the end of the slot. Companies can also submit a waitlist if desired. Offer letters are to be sent to the Placement Office before the end of March.
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PLACEMENT TEAM