IIT Madras Zanzibar Campus Screening Test (IITMZST) 2025

Information Brochure

For Admission to Full-Time MTech programs at

Indian Institute of Technology Madras, Zanzibar Campus

V1. November 04, 2025

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About IIT Madras Zanzibar:

The Indian Institute of Technology Madras (IITM) is an institute of national importance established through an Act of Indian Parliament in1959. IIT Madras Zanzibar, established in 2023, is the first international campus of IIT Madras. The inception of IITM's new campus in Zanzibar, Tanzania marks a significant step in strengthening the ties between India and Africa. IITM Zanzibar promises to bring the same rigor that has defined IIT Madras academic culture to its Zanzibar campus to substantively contribute to the human resources development of the region.

IITM Zanzibar awards IIT Madras academic degrees and prides itself on an exceptional educational experience for students. Currently, IITMZ offers 2 undergraduate programs and 2 Master of Technology Programs as full-time degree programs, and the programs are expected to grow in the years to come. IITM Zanzibar is now introducing the IITM Zanzibar PG Diploma in Data Science. The student cohort comprises a diverse group, with excellent representation from India, Zanzibar, Tanzania, Nepal, Zambia, Kenya, Ethiopia and 40% of them are women.

IIT Madras Zanzibar leverages the unique strengths of IIT Madras to develop as an internationally renowned institution serving the needs of Africa & the world in interdisciplinary STEM education, scientific research and technological innovations for nation-building.

Academic Programs:

MTech in Data Science & AI/ PG Diploma in Data Science:
The IITM Zanzibar campus offers a **post graduate program** leading to 2-year Master of Technology (**for 4-year UG Degree holders)**

Eligibility Criteria:

- Bachelor's degree with specialization in Engineering/Technology and Science.

Program Overview:

Our program is designed to provide students with advanced knowledge and specialised skills in the fields of data science and artificial intelligence, preparing them for leadership roles in industry and research. In this special application drive, we are also welcoming students with three-year UG degrees into an integrated program including a 96 credit certificate program "Post Graduate Diploma in Data Science" from IITM Zanzibar (Jan - Oct 2026), followed by the two year MTech degree in Data Science & AI from IITM, offered at the Zanzibar campus.

Screening Test:

Applicants will have to appear in the online screening test. The screening test will be in English and consists of objective type multiple choice questions (MCQs), multiple select questions (MSQs) and numerical answer type questions (NAT). Detailed instructions will be provided in the question paper provided during the exam. Candidates must follow the guidelines for the screening test sent via email. The test will be of 2 hours duration, and it is tentatively scheduled for Sunday 30 Nov 2025. Candidates whose applications are complete will receive information about resource materials to help them prepare for the test.

Selection Process for MTech Programs:

The selection of candidates for the MTech admission involves a **three-stage** process.

Stage 1: All the applications are assessed on the basis of the information provided in the applications such as previous academic performance, other curricular or co-curricular achievements, teaching/research/work experience (if any). No candidate will be eliminated in this round unless his/her application is incomplete or the candidate does not meet the minimum eligibility criteria.

Stage 2: All candidates whose applications are found to be complete are eligible to appear for the screening test (IITMZST 2025). Candidates shortlisted based on their performance in Stage 1 and Stage 2, will appear in an interview which constitutes Stage 3.

Stage 3

The list of the candidates shortlisted for interview will be intimated by email. Based on the interview outcome, selected candidates will be granted admission to the respective programs.

The distribution of marks across stages is the following:

Stage 1	Assessment of applications	10 marks
Stage 2	Online Screening test	60 marks
Stage 3	Online Interview	30 marks

The subjects covered in the Screening Test and their respective weightage of marks for the MTech programs are provided below.

1	Technical Aptitude	50 marks
2	General Aptitude	10 marks

The detailed syllabus for the MTech screening tests can be found towards the end of the document (Annexure).

There will be no negative marking in the screening test. Although sufficient care will be taken for the correctness of questions, in the event that a question(s) needs to be dropped, full marks for that question(s) will be awarded to ALL candidates.

Academic Guidelines:

Regulations at IITM Zanzibar campus are developed along the lines of the existing UG/PG norms of IIT Madras. The number of hours of classroom activity, lab/practical hours etc. will be strictly adhered to in the timetable (not to mention providing sufficient time for study and extra-curricular activities outside class hours).

Timetable (classes, exams, etc.) will be developed for Zanzibar considering the local holidays, students' study abroad programs and internships.

Online Application and Registration Fee:

Candidates can apply / register online by visiting the IIT Madras Zanzibar website https://www.iitmz.ac.in/. All candidates must pay the registration fee online through the payment gateway available in the application portal.

For all relevant information and updates - visit https://www.iitmz.ac.in/admission
For admission queries, write to admissions@iitmz.ac.in

The registration fee shown above DOES NOT INCLUDE service charges, processing fees, and any other charges that the payment gateway/banks may levy. Registration fee once paid is non-refundable and non-transferable. Application must be complete in all respects. Incomplete application or application with incorrect information is liable for rejection. The details entered by the candidates should be as per the documents they upload.

Communication will be sent to the candidates through their registered email id or registered mobile number. The candidates are required to provide their email id and a valid mobile phone number while filling the application form. The mobile number will help us to "SMS/WhatsApp" important messages to the candidates or help the candidates to know their application status.

Admit Card:

The admit card will bear the name, photograph, date of birth, address and the address of the Test Centre allotted. In case of any discrepancy, the candidate should inform the competent authority through email immediately.

Please note that impersonation is a legally punishable offence. No applicant will be permitted to write the examination without a valid admit card. If the identity is in doubt, the candidate may not be allowed to appear in the examination. For MTech candidates, instructions regarding the screening test will be sent to the registered email id.

Fee Structure:

- For the PG Diploma in Data Science, the tuition fee is $2000 (for the entire programs)
- For the MTech Degree in Data Science & AI, the tuition fee is $12000 (for the entire two-year program)
- Hostel (Accommodation & Mess) expenses will be extra.

Important dates:

Applications Opening Date	Saturday, 01 November, 2025
Applications Closing Date	Monday, 24 November, 2025
Screening Test Date	Sunday, November 30, 2025
Screening Test Time	Will update Shortly
Dates of Interviews for shortlisted candidates	Will update shortly

Annexure

Syllabus for MTech in Data Science and AI

Technical Aptitude:

Probability and Statistics: Introduction to probability and Sampling theorems, Counting, Conditional and Joint probability, Bayes' Theorem, mean, median, mode and standard deviation, Random variables, Discrete and Continuous distributions, Poisson, Normal and Binomial distributions, z-test, t-test, simple linear regression

Linear Algebra: Matrix algebra: Linear dependence and independence of vectors, Systems of linear equations, Rank, Determinant, Eigenvalues eigenvectors, Eigenvalue decomposition, Singular value decomposition.

Calculus: Functions of a single variable, Limit, continuity, and differentiability, Taylor series, maxima and minima, optimization involving a single variable, First-order differential equations (linear and nonlinear), Laplace transforms

General Aptitude:

Comprehension, Verbal Aptitude, Analytical Aptitude, Quantitative aptitude and Spatial Aptitude.

> ### For all admission queries
> Email id: admissions@iitmz.ac.in
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> ## IITMZST 2025 Admission Committee
> ## IIT Madras