



IIT Madras
Zanzibar

Placement brochure



Indian Institute of Technology Madras Zanzibar

Career Development and Placement Cell

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About us

The Indian Institute of Technology Madras (IIT Madras), an Institute of National Importance established in 1959, has extended its legacy of academic rigor and research excellence to Africa with the establishment of IIT Madras Zanzibar in 2023. This pioneering international IIT campus is a premier science and engineering institution that advances technical education and research across the continent. Located in Zanzibar, Tanzania, it offers cutting-edge programs in engineering and science, fostering innovation and leadership in a vibrant, multicultural environment that brings together students from India, Nepal, Tanzania, Kenya, and the Middle East. The institute is known for upholding IIT Madras's rigorous academic standards, providing an exceptional educational experience, and significantly contributing to the human resource development and technological advancement of Africa. As India's first international IIT campus, it awards IIT Madras academic degrees and is committed to fostering academic excellence and technological advancements in Africa and across the world.

Our Philosophy

At IIT Madras Zanzibar, our philosophy is deeply rooted in the core values of academic rigor, innovation, a culture of technology translation and societal impact that have come to define the 'IIT Madras way' over the years. We believe in providing a transformative international educational experience that not only imparts students not only with cutting-edge knowledge in STEM fields but also cultivates critical thinking, problem-solving skills, innovation and a strong sense of social responsibility. Our approach emphasizes interdisciplinary experiential learning, in a dynamic environment where diverse perspectives converge to address complex global and regional challenges. We are committed to nurturing future leaders and innovators who will drive sustainable development and technological progress across Africa and beyond.

Vision

Our vision for IIT Madras Zanzibar is to establish ourselves as a leading international hub for science, engineering, technology innovation and entrepreneurship, serving the evolving needs of Africa and the world. We aspire to be a beacon of academic excellence and research innovation, continuously expanding our program offerings to meet emerging demands in areas such as sustainability, advanced manufacturing, and digital transformation. We envision a vibrant, diverse, and inclusive campus that attracts top talent from across the globe, fostering a rich tapestry of cultures and ideas. In the long term, IIT Madras Zanzibar aims to be a catalyst for regional development, contributing significantly to human resource capacity building, fostering entrepreneurship, and driving impactful research that leads to real-world solutions for nation-building and global prosperity. We are committed to sustained growth, with plans for a permanent, state-of-the-art campus that embodies our commitment to sustainability and cutting-edge learning environments.



Table of Contents

No	Description	Page
1	Director's Note	2
2	Academic Programs	3
3	Academic Enrichment & Co-Curricular Excellence	5
4	Why Recruit US	6
5	Student-Led Technical Initiatives and Innovation	7
6	Past Recruiters & Partners	8

CONTACT US



Prof. Prabhu Rajagopal, FNAE

Director in charge, IIT Madras Zanzibar

I am happy to share my message as IIT Madras (IITM) celebrates its third year of operations at Zanzibar, our first International campus location. Established through the visionary joint efforts of the governments of India, Tanzania and Zanzibar, IITMZ commenced operations at our temporary campus in 2023 with the first batch of 4-year BS degree in Data Sciences & AI (DSAI). As an offshore campus of IITM, one of the world's leading technological universities and India's top engineering institution as per NIRF rankings for 10 years in a row, IITMZ offers IITM degrees and is envisioned to bring pedagogy of international standards, and the promise of technology-led transformation to the East African region. The academics and teaching at IITMZ are handled by a mix of permanent international faculty members fully employed at IITMZ or on deputation from the Chennai campus and those visiting from various other IITs in India.

Over the past 2.5+ years, IITMZ has made steady strides: adding 1 more BS programme in Chemical Process Engineering in 2025, focussed on developing human capacity for the burgeoning process industry in the resource-rich continent of African. IITMZ today has over 129 students on roll across various programs, with significant features including having almost 51% students from Tanzania, a strong female participation across the disciplines, and enrolment of about 8% students from other African countries (Ethiopia, Zambia, Kenya, etc.).

At IITM Zanzibar, we exemplify the 'IITM Way' every single day. The four year Bachelor of Science program requires over 430 credits, including both core and elective subjects. Internships and industrial engagements, within the umbrella of academic credit requirements are strongly encouraged. We aim to foster experiential learning through a culture of 'building'. The two year M.Tech in Data Science and Artificial Intelligence is our flagship program at the master's level, and requires over 190 credits of course and project work. Starting with intensive training in core subjects during the first semester, students are exposed to advanced topics in the second semester and beyond. Course-related projects provide s a flavour of innovative research, whereas the final two semesters are dedicated to a thesis project, augmenting student skills to solve real world problems innovatively. The evaluation of the course and project work is stringent, ensuring advancement in skills, aptitude and an attitude attuned to solving problems.

Providing a well-rounded education is a highlight of the IIT system, and IITMZ has a year-long calendar of technical, cultural and sports events that support this mission. The diverse and international settings make our students globally adaptable. Our students and faculty members engage extensively with societal, academic and industrial communities, both in Tanzania and across the world through hackathons, conferences, workshops, internships, and joint research projects. The first batch of MTech in DSAI graduated last year, in what was our first graduation ceremony, and we are about to commence our first batch of PhD students shortly. The graduating MTech batch in 2025 saw 100% placement, while our current students have interned with top companies in India, West Asia and East Africa.

I am thrilled to welcome you to IITM Zanzibar, interact with our students and faculty, explore emerging oppetunities together.



Academic Programs

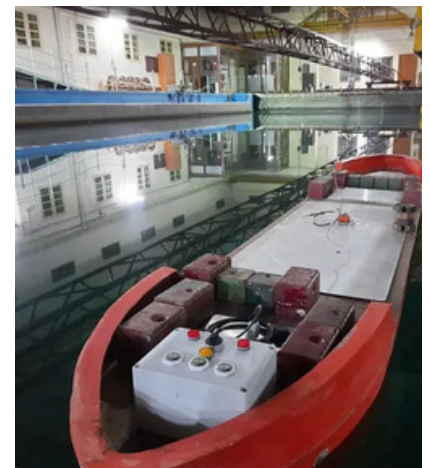


M Tech Data Science & AI

The 2-year MTech DSAI program at IITM Zanzibar offers advanced knowledge and specialized skills in data science and artificial intelligence, preparing students for leadership roles in industry and research. The curriculum includes rigorous coursework, research projects, and practical training in areas like machine learning, deep learning, and big data analytics, guided by renowned faculty. Graduates are highly sought after, with diverse career opportunities as Data Scientists, Machine Learning Engineers, AI Researchers, and more, across various industries.

MTech in Ocean Structures

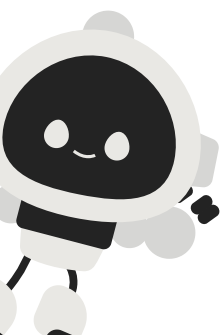
The 2-year MTech in Ocean Structures at IITM Zanzibar offers a rigorous curriculum in the design of offshore platforms, renewable energy structures (wind, wave, tidal), and port/harbor infrastructure (jetties, berths, breakwaters, dredging), with core courses in Wave Hydrodynamics, Offshore Structures, and Port & Harbour Structures. Emphasizing hands-on lab work and industry projects, the program develops research aptitude and job-ready skills. Graduates are highly sought after in the coastal and offshore engineering fields, securing roles in government and private sectors within the global port, harbor, and energy markets, shaping sustainable maritime solutions.



BS in Data Science and Artificial Intelligence

4-years Bachelor of Science in Data Science and Artificial Intelligence (BS DSAI) at IITM Zanzibar

The BS DSAI program at IITM Zanzibar prepares students for the fast-evolving fields of data science and artificial intelligence. The curriculum combines foundational science and math with specialized DSAI subjects, emphasizing practical, project-based learning in data analysis, machine learning, and natural language processing. Graduates are highly sought after for diverse roles like Data Analyst/Scientist, Machine Learning Engineer, and Business Analyst across various industries, and are also equipped for entrepreneurship or advanced studies.





Academic Programs

BS in Chemical Process Engineering



The 4-year BS in Chemical Process Engineering offers a comprehensive curriculum blending core chemical engineering fundamentals with practical laboratory work, industry-aligned projects, and electives that encourage interdisciplinary learning. The program is delivered by a distinguished faculty team from IIT Madras, IITM Zanzibar, and partner institutions, ensuring rigorous academic standards and global relevance.





Academic Enrichment & Co-Curricular Excellence

"We empower our students to become not just learners, but contributors to global knowledge."



Teaching & Research Assistantships

Meritorious students are selected to assist faculty in undergraduate courses, labs, tutorials and research projects.

Through these, our students have an opportunity to:

- Gain early experience in pedagogy and academic leadership.
- Build strong subject matter expertise and novel approaches to deal the real world problems.
- Improve communication and mentoring skills.

Student-Faculty Research Collaboration

- Student-Faculty Research Partnerships: Students are empowered as integral collaborators, working directly with faculty to co-author publications, propose novel methodologies, and contribute to grant proposals across various domains.
- Prestigious Venues: Targeting high-impact platforms, including IEEE, ACM, CVPR, ICLR, NEURIPS, and other international conferences.
- This collaborative experience moves students beyond pure research, fostering critical skills in creative problem-solving and the strategic application of new technologies to meet the demands of industry.
- Financial Support for Dissemination: Travel grants are provided to help students present their research at national and international events.



Innovation Projects & Hackathons

Students form teams to tackle real-world problems through project-based learning and rapid prototyping.

- Participation in Smart Africa, IEEE SP Cup, and internal design sprints
- Mentorship by faculty and external professionals





Why Recruit Us?

IIT Excellence. Global Perspective. Real-World Impact.

Our graduates combine the technical rigor of IIT Madras with the agility, innovation, and global mindset today's industries demand. Trained through international collaborations and hands-on research from day one - they're engineered to lead, adapt, and solve globally.

Internships and Exchange Programs

Five M.Tech students have earned fully-funded scholarships to top French universities, while three others secured prestigious internships at the Robert Bosch Center for Data Science & AI (RBC-DSAI). Our undergraduates are also gearing up for international exchanges with IIT Madras, Deakin University, and the University of Birmingham.

Industry-Endorsed for High-Stakes, High-Value Initiatives

Students were actively recruited to contribute to advanced manufacturing analytics projects at the IITM - Walmart Center of Tech Excellence, showcasing their ability to tackle complex, real-world challenges while gaining hands-on experience with cutting-edge technologies.

Placement in High-Demand Tech Roles.

Our first M.Tech cohort is already thriving as Data Scientists and AI/ML Engineers at leading tech firms - ready to tackle the industry's toughest challenges.

Hire Proactive & Resourceful Trailblazers

These outstanding accomplishments were achieved solely through student initiative, prior to the establishment of a formal placement cell. By hiring our graduates, you engage visionary leaders—proactive, resourceful, and prepared to drive innovation and excellence in any organization.

IIT Madras Zanzibar

Innovate
Implement
Think
Maven
ZEAL



Student-Led Technical Initiatives and Innovation

As a sister campus of IIT Madras, Chennai, IIT Madras Zanzibar upholds the same spirit of academic excellence, technological innovation, and student initiative. Our technical and entrepreneurial student-led activities are designed to reflect this legacy – empowering students to take ownership of their learning and contribute meaningfully to emerging global challenges.

Entrepreneurship Cell IITMZ

At our E-Cell, students gain industry-relevant skills in leadership, collaboration, problem-solving, and entrepreneurship. They thrive in ambiguity, take initiative, and deliver results—qualities prized across today's fast-evolving sectors. Key initiatives include ideation workshops, startup pitch sessions, funding support via IITM E-Cell and Nirmaan, hackathons, and networking with African startups and global mentors.

Technical and Skill-Based Clubs

Student-led technical clubs at IIT Madras Zanzibar offer hands-on learning beyond the classroom. They help students build practical skills, apply concepts, and work in collaborative environments.

- **Web and App Development Club:** Students learn full-stack development, design digital products, and contribute to real-world tech projects.
- **Robotics Club:** Members explore embedded systems, build autonomous prototypes, and work with sensors and microcontrollers.
- **Data and AI Club:** This club focuses on machine learning, data analysis, and research-oriented coding challenges.

ASTRA

Astra is IIT Madras Zanzibar's student-led cultural initiative that brings balance to rigorous academics. It creates space for expression, collaboration, and fosters a sense of community. Not only does it shape students into confident, well-rounded individuals, but it also helps them develop interpersonal skills, leadership qualities, and a strong sense of initiative.

"I learn by doing, and I'm given the space to try."



Past Recruiters



Academic Partners



UNIVERSITY OF
BIRMINGHAM



AFRICAN
SCHOOL OF
ECONOMICS



MODERN COLLEGE
OF BUSINESS & SCIENCE



NUTM
NIGERIAN UNIVERSITY OF
TECHNOLOGY & MANAGEMENT



TUSOME
Empowering Learning



IITM Global



Asili Zanzibar
Ignite. Create. Connect



Zambia University College
of Technology



WADHWANI AI
GLOBAL

Corporate & Government Partners



Kamal Steel



CEO Summit
Uganda
Elevate • Engage • Empower