



Strategic Plan 2022-27

Hyderabad Institute of Technology and Management (HITAM) is a premier autonomous engineering college located in Hyderabad, Telangana, India. Established in 2001, HITAM has been providing world-class education to students in the field of engineering.

HITAM is committed to providing an educational experience that emphasizes hands-on learning and project-based learning, with a focus on developing skills and knowledge that will enable students to succeed in the rapidly changing technological landscape. The college has a team of highly qualified and experienced faculty members who are dedicated to providing personalized attention to students and creating a stimulating learning environment.

At HITAM, students have access to state-of-the-art facilities, including well-equipped labs, libraries, and workshops, as well as a variety of extracurricular activities and clubs. The college also provides a range of support services to students, including career guidance, counseling and placement assistance.

HITAM is affiliated with Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE). The college offers undergraduate programs in various disciplines of engineering, including Computer Science, Electronics and Communication, Artificial Intelligence and Machine Learning, Data Science, Internet of Things, Cyber Security, Mechanical, and Electrical Engineering. HITAM is accredited with NAAC A+ and NBA.

In addition to providing quality education, HITAM also emphasizes the importance of research and innovation. The college has established research centers in areas such as Robotics, IoT, AI/ML and Multidisciplinary Engineering. HITAM encourages students and faculty members to pursue research projects and publish papers in leading academic journals.

HITAM is also committed to promoting internationalization, with collaborations and partnerships with leading universities and research institutions around the world. These partnerships provide opportunities for student and faculty immersions, joint research projects, and international conferences and workshops.

Overall, Hyderabad Institute of Technology and Management (HITAM) is a leading engineering college in India that is committed to providing a world-class education and preparing students for success in the global economy.

Vision:

To be a role model technological university of national repute that imbibes research-based multi-disciplinary competencies in students to enable their career aspirations and contribute to the society.

Mission:

1. Enhance student competencies through 'Doing Engineering'
2. Collaborate with eminent institutions for capacity building
3. Provide industry interface for faculty and students to gain real time knowledge
4. Develop employability skills as per emerging trends in students
5. Promote a research and innovation culture

SWOT Analysis of Hyderabad Institute of Technology and Management (HITAM)**Strengths:**

- HITAM has a reputation for providing quality education and emphasizing hands-on learning and project-based learning.
- The college has well-equipped labs, libraries, and workshops, as well as state-of-the-art facilities and a variety of extracurricular activities and clubs.
- HITAM has a team of highly qualified and experienced faculty members who are dedicated to providing personalized attention to students and creating a stimulating learning environment.
- The college has established research centers in areas such as Robotics, IoT, AI/ML and Multidisciplinary Engineering, and encourages students and faculty members to pursue research projects and publish papers in scopus indexed journals.

Weaknesses:

- HITAM may not have as large a student body or as many programs as some of the other autonomous engineering colleges in Hyderabad.
- The college does not have a strong brand recognition as some of the more established engineering colleges in the area.

Opportunities:

- HITAM can capitalize on its strengths in hands-on and project-based learning to differentiate itself from other colleges and attract students who are looking for a more experiential education.
- The college can expand its research capabilities and partnerships to attract more research funding and opportunities.

- HITAM can increase its international collaborations and partnerships to provide more global opportunities for students and faculty.

Threats:

- Other autonomous engineering colleges in Hyderabad may have larger student bodies, more established brands, and more resources to invest in facilities and programs.
- The engineering education landscape is constantly evolving, and HITAM will need to stay current and adapt to changing demands and trends in order to remain competitive.

Strategic Objectives Identified:

The purpose of this strategic plan is to outline a roadmap for HITAM to become a role model technological university. To achieve our objective of becoming a technological university, we will focus on the following key goals:

Objectives	Description	KPIs
Enhancing Academic Quality	HITAM will introduce new and innovative pedagogical methods, emphasizing hands-on learning and project-based learning, to enhance the academic quality of its programs. HITAM will also invest in faculty development and recruitment to attract the best talent and expertise to the institution.	<ul style="list-style-type: none"> ● Number of faculty with PhD degrees or other relevant qualifications ● Student-faculty ratio ● Number of academic publications and citations ● Feedback from students and faculty on teaching effectiveness ● Number of patents filed and granted
Strengthening Research and Innovation	HITAM will promote a culture of research and innovation, focusing on cutting-edge technologies and interdisciplinary collaboration. It will create an ecosystem that supports research and innovation, and encourages students and faculty to pursue new ideas and projects.	<ul style="list-style-type: none"> ● Amount of research funding obtained from external sources ● Number of research projects undertaken ● Number of industry partnerships for research collaborations ● Number of patents filed and granted

		<ul style="list-style-type: none"> • Number of publications and citations
Building Industry Partnerships	<p>HITAM will establish strategic partnerships with leading industries in India and abroad to provide its students with opportunities to work on industry-led projects and internships. These partnerships will also provide access to the latest technologies and industry insights.</p>	<ul style="list-style-type: none"> • Number of industry partnerships established • Amount of funding obtained from industry partners • Number of industry-led projects undertaken by students • Number of students placed in industry through these partnerships
Partnerships with International Universities	<p>HITAM will establish collaborations and partnerships with leading international universities to offer exchange programs, joint research projects, and faculty exchange programs. These partnerships will provide students and faculty with exposure to global best practices and diverse perspectives.</p>	<ul style="list-style-type: none"> • Number of international collaborations and partnerships established • Number of students and faculty participating in exchange programs / immersions • Number of joint research projects undertaken with international partners
Strengthening of Infrastructure	<p>HITAM will invest in state-of-the-art infrastructure, including labs, workshops, and research facilities, to support hands-on learning and research activities. HITAM will also upgrade our campus facilities, to provide students with a world-class learning environment.</p>	<ul style="list-style-type: none"> • Number of new buildings constructed or renovated • Amount of funds invested in infrastructure improvements • Availability and adequacy of classrooms, labs, libraries, and other facilities • Feedback from students and faculty on the quality of infrastructure • Reduction in maintenance and repair backlog

<p>Focus on Student Placements</p>	<p>HITAM will develop strong ties with industry partners to ensure high-quality placements for our students. HITAM will offer career development services, including mentorship and training programs, to prepare students for successful careers in the technology industry. We will work closely with leading companies and organizations to provide internship opportunities, conduct placement drives, and offer career guidance and counseling. Through these efforts, we will ensure that our students are well-prepared to meet the needs of the industry and contribute to the growth and development of the country.</p>	<ul style="list-style-type: none"> ● Number of students placed in leading companies and organizations ● Starting salaries of graduates ● Feedback from employers on the quality of our graduates ● Alumni engagement and support for placement activities
<p>Quality of Admissions</p>	<p>HITAM will focus on recruiting the most talented and motivated students, with a commitment to diversity and inclusion. HITAM will also offer scholarships and financial aid to deserving students to ensure equal access to education.</p>	<ul style="list-style-type: none"> ● Average score and cut-off rank of admitted students in entrance exams ● Diversity of the student body in terms of gender, socio-economic background, and geographic location ● Retention and graduation rates of admitted students ● Feedback from students and faculty on the quality of admitted students
<p>Accreditations and Rankings</p>	<p>HITAM will work towards achieving NAAC A++ in the next cycle, and increase the departmental scores in the next NBA renewal. HITAM will enter into the rankings of ARIIA and NIRF.</p>	<ul style="list-style-type: none"> ● Accreditation status obtained for different programs ● Rank obtained in national and international rankings ● Feedback from stakeholders on the quality and reputation of our institution

To measure our progress towards achieving these goals, we will continuously track performance metrics, and progress towards becoming a technological university. We will also develop a comprehensive evaluation plan to monitor the effectiveness of our strategic plan.