



iPMP students exploring Industry 4.0 labs at the NAMTECH campus

Engineering graduates from India’s top institutions will now receive world-class training and global exposure, equipping them for the demands of Industry 4.0. This transformative opportunity eliminates the need to go abroad, thereby removing the financial burden and uncertainty associated with overseas education. NAMTECH (New Age Makers’ Institute of Technology), a global, pioneering institute by ArcelorMittal and Nippon Steel (AM/NS) India, in Gandhinagar, Gujarat, has announced [100 fully funded fellowships](#) for engineering graduates from top-tier institutes such as the IITs, IIITs, NITs, and BITS.

NAMTECH’s [International Professional Master’s Program \(iPMP\)](#), an accelerated, 1-year, fully residential course, provides these young and talented minds with industry-ready training of a superior standard in future-facing subjects such as smart manufacturing & AI, semiconductor manufacturing, advanced robotics technology and sustainability engineering.

With the Government of India’s Viksit Bharat initiative, the manufacturing, engineering, and technology (MET) ecosystem is opening immense opportunities for the country’s brightest engineering talent, as India moves toward its ambitious \$30 trillion GDP goal by 2047.

This mission presents a significant opportunity for skilled professionals trained in cutting-edge technologies to step in and bridge the talent gap in emerging fields.

As automation and smart technology transform industries, it’s crucial to develop professionals who can drive this change. NAMTECH, a pioneering education initiative by ArcelorMittal and Nippon Steel (AM/NS), bridges this gap by training future leaders and offers experiential learning programs in emerging technologies.

NAMTECH fellowships cover the entire tuition fee

At a time when the costs of advanced, professional courses are becoming significant additions to household expenses, it will be interesting to note that the 100 fellowships will cover the entire tuition fee for eligible candidates, who will be enrolled in the iPMP course. Select students will also benefit from a global immersion opportunity at the Technical University of Munich (TUM), Germany, along with exposure to international academic ecosystems through partnerships. NAMTECH has collaborations with institutions of global repute, such as TUM Germany and the Massachusetts Institute of Technology (MIT), and offers a 1+1 pathway program with Purdue University Northwest, USA.

The iPMP course is jointly certified by NAMTECH and TUM Asia and is an ideal launch pad for upcoming engineers. The institute’s students stand to benefit immensely from a course that blends real-world industry experiences with a comprehensive curriculum that is co-designed and co-delivered with industry players and global academic institutes. It is, therefore, no surprise that 100 percent of NAMTECH’s students from the first batch have successfully found placements in jobs across sectors.

For the year 2025, NAMTECH is inviting applications from graduates who hold a BE or BTech degree; those who have a minimum of 65 per cent marks or equivalent CGPA in Classes 10 and 12, and in their BE or BTech degrees are best suited for this program. All applicants will go through a rigorous selection process that is reflective of the high academic and industry standards of the course. The 12-month program is structured into four trimesters and begins this August.

Highlighting the significance of engineers in efforts to shape the future, Arunkumar Pillai, Director General of NAMTECH, said, “NAMTECH is introducing a fellowship program this year for all those who believe that engineers can shape tomorrow’s world.”

“With world-class mentors, experiential learning and real-world projects in cutting-edge sustainable living learning labs, the fellowship is designed to transform engineering students into conscious technologists. Co-designed with global automation and manufacturing leaders and academic partners from the QS Top 10, it’s a launchpad—for those who want to learn by doing, and lead by creating,” he added.

MET offers an ambitious future; The job opportunity is huge

MET (Manufacturing Engineering Technology) is a cohesive ecosystem where manufacturing and engineering are converging and getting transformed by innovative, sustainable, and digital technologies such as AI, the Internet of Things (IoT), and robotics. The manufacturing sector in India currently employs more than 100 million people and is projected to grow at a CAGR of about 11 per cent from its 2024 level.

According to the World Economic Forum, 170 million new roles will emerge in MET by 2030 globally, along with 24 million new green jobs. India has embarked upon an ambitious journey in the semiconductor sector, with Gujarat leading the industry; this sector alone will create about 1 million new jobs by 2026.

To harness the immense scope and opportunities that are rising in the MET sectors and bridge the existing skills gap between fresh graduates and industry requirements in the sector, NAMTECH’s fellowships apply to future-facing areas within its iPMP offerings: Smart manufacturing & AI, semiconductor manufacturing, advanced robotic technology, sustainability engineering and management.