Introducing iPMP Smart Manufacturing

Class of 2024-2025

NAM:TECH

Purpose

A pioneering, industry-aligned institute built with a bold mission to reimagine education.

Vision

To inspire humane capital solutions for a digitally connected, sustainable, interdependent world.

Mission

Create impact through industry-aligned, continuous- learning enablement of 3 million smart engineering professionals by 2035.

Core Values:

Ethical Behaviour: Uphold honesty, integrity, and fairness, fostering a culture of trust and respect in all academic endeavors.

Sustainability: Committed to sustainable practices, ensuring environmental responsibility and long-term positive impact through education and innovation.

Professional & Academic Integrity: Promote transparency, accountability, and ethical scholarship, maintaining the highest standards in research, teaching, and professional conduct.

Responsible & Best Academic Practices: Strive for excellence by adhering to rigorous academic standards, fostering critical thinking, and encouraging lifelong learning.

What is NAMTECH?

New Age Makers' Institute of Technology (NAMTECH) is not-for-profit education initiative of ArcelorMittal Nippon Steel India (AM/NS India).

With an increasing need to bridge the gap between industry requirements and the conventional education system within India, NAMTECH seeks to transform the Indian engineering and technology education landscape.

By collaborating with the industry in reshaping education and learning, NAMTECH aspires to enable a new era where the 'world of learning and 'world of working are more aligned.

By developing future-shaping competencies in learners, NAMTECH fosters innovation and empowers the next generation of industry leaders for smart manufacturing and core sectors like Energy, Transportation, Materials, and Infrastructure. Our learners are provided with an unparalleled learning experience. We aim to equip India's engineering talent, who will, in turn, help accelerate India's economic progress.

NAMTECH's value proposition of 'Inspiring Humane Capital' is based on three pillars:

01

Learning by Doing

Learners are immersed in our highly experiential program designed for more than just learning new technologies. It aims at understanding the real-world impact and finding marketplace applications.

02

Make-It-Yourself

Moving away from traditional pedagogy to harness the power of technology and solve the world's most pressing problems.

03

New Life Habits

New Life Habits is a lens through which we see the immersive experiences and activities we create for our learners. We call them Activity and Creativity; Growth and Nourishment; Restore and Rejuvenation; Connection and Meaning.

About ArcelorMittal Nippon Steel India

ArcelorMittal Nippon Steel India (AM/NS India) is a joint venture between two of the world's leading steel companies, ArcelorMittal and Nippon Steel. Established in December 2019, post-acquisition of Essar Steel, AM/NS is an integrated flat steel manufacturer - from iron ore to ready-to-market products.

With over 600 steel grades AM/NS - many substituting imports- serves various contemporary industries (agriculture, automotive, infrastructure, defence, energy, etc.) and contribute to an **Aatmanirbhar Bharat.** AM/NS India ascribes to advancement with sustainability and envisions creating 'Smarter Steels, Brighter Futures'.

Our vision is empowering communities by providing employment to more than 1.6 lakh individuals and enriching millions of lives nationwide through our CSR interventions. We are a committed partner to the nation, and our avid growth story will be purposeful, inclusive, and sustainable.

NAMTECH Board Members Profile

The New Age Education and Skills Foundation (NASEF) is the governing body of NAMTECH. Our board comprises industry leaders, technocrats, bureaucrats and public policy experts.

Mr. Brad Davey
Executive Vice President-Head Corporate Business Optimization, ArcelorMittal with more than 25 years of experience across technology and manufacturing role.

Prior to current role he was CEO ArcelorMittal North America since 2018.

Bachelor of Engineering degree from McMaster University.

Dr. Gauri Trivedi
IAS (Retd.)

Guest faculty, member of the governing body, and advisor to eminent education institutions.

Ph.D. - ISEC Bangalore and IDS, Mysore, PGPPM - IIMB

Mr. Kaneyuki Yamamoto
Managing Director, Nippon Steel India Pvt. Ltd.

He also holds director-level positions in Jamshedpur Continuous Annealing & Processing Company Private Limited, ArcelorMittal Nippon Steel India Limited, AMNS Gandhidham Limited, and AM Mining India Private Limited.

Bachelor of Law from Kwansei Gakuin University, Japan.

Mr. Kedar Tambe
Director, K.B. Mehta Construction Pvt. Ltd.

He has extensive experience in management / execution and offering project management consultancy.

B.E.- Civil Engineering
(Batch of 1982)

Mr. Maulik Bhagat
MD Nascent Info and partner/director in 10+ companies including Thousand Island Hotels and Resorts Pvt Ltd.

BTech from Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT).

Mr. Sanjay Sharma
Vice President at ArcelorMittal with multiple leadership roles in various countries with ArcelorMittal over 20 years

AMP - Harvard Business School, MBA-INSEAD, BTech - IIT Roorkee

From Inception to Innovation

Our journey as a newly established engineering technology academic institute is marked by significant milestones, demonstrating our unwavering commitment to excellence. We have diligently developed state-of-the-art laboratories and are fostering collaborations with esteemed academic and industry partners.

Our post-graduate program in smart manufacturing prepares early career professionals for success in this ever-evolving field. Looking ahead, we aspire to expand our national and international partnerships, bridging the gap between learning and real-world applications.
Our dedication to nurturing the engineers of tomorrow remains strong, and we are eager to push the boundaries of knowledge, sustainability, and technology.

With confidence, we march towards our mission of shaping a brighter, more sustainable future through engineering excellence and long-term impact.

EXPLODED MINI COOPER

A marvel of modern engineering; a microcosm of interconnected engineering systems.

The suspended car's showcased at NAMTECH's Experience Center demystifies heavy engineering, introduces students to the romance of manufacturing and instils a spirit of making in them.

Journey so far and way forward

Nov' 22

Inauguration of the Transitory Campus at IIT-GN

Apr'23

Finalized 2 masterplan concepts with miniature models from international consultants

June '23

Our 1st Industry Collaboration Signed MoU with Schneider Electric

Feb' 22

Conceptualization Meeting for the 1st project

Dec' 22

Our 1st Academic Collaboration Signed MoU with ITE, Singapore

May' 23

Signed MoU with TUM, Asia

Sep' 23

The 1st batch of iPMP Class of 2023-24 begins

Oct'23

Overseas Immersion Program for iPMP Students in Singapore

Jan'24

Signed a MoU with Micron at Vibrant Gujarat 2024

Apr'24

The 1st batch of iPTP begins

May'24

A team from Carnegie Mellon University (CMU) visits NAMTECH

Oct'23

Recognized as a 'Distinguished Partner' by ITE, Singapore

Feb'24

Signed a LoI with ICICI Foundation

May'24

A team from Massachusetts Institute of Technology (MIT) visits NAMTECH

Sep'24

NAMTECH students win Bronze Medal at the World Skills Competition, 2024 (Lyon, France)

Nov'24

Agreement Signed with MIT for first year engagement

Nov'24

Agreement Signed with Carnegie Mellon University for robotics program and Simon Initiative

Jan'25

1st Convocation of NAMTECH in Jan '25

Nov' 24

Application for Central University submitted to University Grants Commission (UGC)*

Dec'24

Ground-breaking Ceremony at NAMTECH's 150-acre campus on Dec 14th

*University Grants Commission (UGC) is the apex body for higher education in India

Message from
Director General
Arunkumar Pillai

Greetings.

It gives me immense pride and pleasure to introduce you to our 99 techno-managers from the 2024-25 cohort of our International Professional Master's Program (iPMP) in Smart Manufacturing. The iPMP is the first one-year Professional Master's Program for engineers, aimed at augmenting learners' technical know-how and making them well versed in the application of industry 4.0, digitalization and decarbonization technologies for the Manufacturing Engineering Technology (MET) sector.

NAMTECH endeavors to make manufacturing an exciting career for the youth of India. Our focus has been to expose our learners to endless possibilities of engineering through experiential learning. Towards that we have meticulously curated every element of the institution and its programs with inputs from corporate and academic partners. Our programs begin with you - the industry (inputs on competencies for our curriculum) and end with you (our learners being placed with you and contributing to your plans in the shortest possible time).

NAMTECH has invested in the best educational infrastructure in the form of industry-grade labs and workshops, some of which are amongst the first in the country. Our faculty is a healthy mix of industry and academia. The current batch of learners have been educated by NAMTECH's resident faculty, industry faculty from FESTO, Schneider and international faculty from our US, Singapore, and European academic partners. Our program is global in nature while being relevant for Indian industry.

We have educated our learners to be problem-solvers and expect them to lead digital transformation initiatives in the companies they join. Please find enclosed brief profiles of our learners. We would be glad to connect you to them, so that you can know them better. We believe we are doing our best to create this new-age engineering workforce and request you to collaborate with us by giving them opportunities to work with you. Together we can contribute to fulfil the national mission to create world-class techno-managers for the manufacturing sector.

Message from
Dean-Academics
Dr. Sanjeev Gupta

Dear Esteemed Industry Professionals

At NAMTECH (New Age Makers' Institute of Technology), a not-for-profit education initiative supported by ArcelorMittal Nippon Steel India and based at IIT Gandhinagar, we aim to bridge the talent gap between our present-day traditionally trained engineers and the future needs of the industry primarily to support our 'Make in India' aspirations.
I am delighted to share that the second cohort of 99 learners from our one-year full-time residential program, iPMP (International Professional Master's Program in Smart Manufacturing), is about to conclude. We are committed as an institute to factor academia-industry collaboration through this program and to equip our learners with the necessary skills and knowledge to thrive in the rapidly evolving manufacturing industry landscape.

Understanding the need for capable Techno-Managers through several interactions with our industry partners, we have provided rigorous training to our learners in Automation, Robotics, IIoT, Data Analytics and Visualization, AI in Smart Manufacturing, Digital Twin in Manufacturing, Cyber-Physical systems, Cyber Security and Advanced Manufacturing Technologies. The program also features Operational Excellence, Health Safety and Environment, Reliability and Quality, Project Management and Sustainability courses. We have partnered with global academic leaders in these areas to design and deliver our program. Our partners include the Technical University of Munich Asia (TUM Asia, Singapore), Purdue University Northwest, WashU, Carnegie Mellon University, and ITEES Singapore, to name a few. With guest lecturers from these universities, we have designed and delivered full-time courses in modular delivery mode to our learners.

The expertise of our industry partners (AM/NS India, Micron, FESTO, ASDC, Schneider Electric, etc.) have greatly enhanced our learners' learning experience and provided them with invaluable exposure to real-world challenges and opportunities.
We invite you to participate and offer our learners a 12-week internship program followed by a placement process. We invite you to assess the capabilities of our batch of learners and identify them as your potential candidates.

I assure you that our learners will delight you and create a win-win situation for you and NAMTECH. We look forward to your cooperation in our novel attempt at equipping your esteemed organisations with global-techno managers from India.

Thank You!

Academic Partners

Academic collaboration forms the very bedrock of innovation and progress at NAMTECH. As we prepare the engineers of tomorrow in cutting-edge technologies and sustainability, we highly value partnering with leading educational institutions and industry trailblazers.

Collaboration opens doors to diverse perspectives, expertise, and resources, ensuring we stay at the forefront of technology and sustainable practices. This exchange of ideas enriches our curriculum and empowers our learners to address contemporary challenges. It fosters innovation, global awareness, and a deep commitment to building a sustainable future, as we embark on this journey to shape the engineers of tomorrow.

We have already established partnerships with esteemed academic institutions for curriculum development, immersion programs, faculty development, and joint initiatives.

Carnegie Mellon University

Under the aegis of this partnership, NAMTECH'S social outreach and sustainability initiatives will be strengthened by working closely with Simon Initiative, Wilton E. Scott Institute, Heinz Center, and the Manufacturing of Futures Institute at CMU.

Institute of Technical Education

In addition to support with curriculum design, this partnership will help us align with best-in-class new technologies and Indian vocational standards.

Purdue University Northwest

Customized experiential smart manufacturing focused programs will be developed under this collabroation.

Technical University of Munich (TUM) Asia

This partnership entails co-development of course curriculum and contents for first-ever International Professional Masters Program (iPMP) in Smart Manufacturing.

Washington University in St. Louis

To develop the operational excellence programming module for the iPMP cohort to familiarize learners with best practices of world class manufacturing.

Forging Industry Partnerships

To bring the 'world of learners' closer to the 'world of work', strong industry partners are critical for a tech-focused academic institute like ours.

We envision our collaborations to serve as the crucial link between academia and real-world applications, granting our learners invaluable practical insights, access to cutting-edge technologies, and a direct route to promising career opportunities. These partnerships are the cornerstone of our institute's commitment to remaining at the forefront of industry trends and driving innovation.

NAMTECH has already established global collaborations with industry leaders like Festo and Schneider, and we are continuously welcoming more influential partners from various sectors to join us on our journey.

FESTO

Under this strategic partnership, besides infrastructure development through Festo equipment for Smart Manufacturing lab at NAMTECH, FESTO faculty would also deliver iPMP modules in Singapore and India.

Life Is On Schneider Electric

Under the partnership Schneider Electric are supporting infrastructure development through Schneider equipment for Smart Manufacturing lab at NAMTECH. Would enable design of equipment for ITI outreach program such as Schneider Kits and Mobile Labs as well design of upcoming Smart Energy Competency Centre at NAMTECH.

ABB

NAMTECH has partnered with ABB Robotics to set up a School of Robotics – a pioneering initiative in robotics and automation education in India. This collaboration is aimed at bridging the education gap in automation, cultivating robotics competencies and fostering seamless industry integration. Through this tie-up, ABB's cutting-edge knowledge will become available to our students, pushing them towards new frontiers of research while also endowing them with hands-on learning experience through industry exposure.

Micron

Under this collaborative partnership, NAMTECH and Micron, a global leader in semiconductor solutions, join forces to enhance industry alignment and student opportunities. This collaboration spans academic development, infrastructure setup, student training, and recruitment initiatives. This synergistic partnership is in line with the steadily growing ecosystem in India and South-East Asia, offering students access to faculty with industry expertise, skill exposure, and employment opportunities both domestically and abroad.

FANUC

The partnership between NAMTECH and FANUC India Pvt Ltd aims to bolster robotics and automation initiatives. FANUC India, renowned for its expertise in industrial automation solutions including robotics, CNC systems, and factory automation, brings invaluable knowledge to this collaboration. Together, we are dedicated to advancing industry-relevant education and training in these critical areas. By combining our strengths, we are committed to providing students with hands-on learning experiences, cutting-edge technology infrastructure, and pathways to success in the rapidly evolving fields of robotics and automation.

CISCO

NAMTECH and Cisco have joined forces to enhance academic programs and industry relevance in the dynamic fields of cybersecurity and networking within manufacturing. Reflecting NAMTECH's commitment to delivering industry-relevant education and empowering students, our strategic collaboration ensures hands-on experience, cutting-edge infrastructure, and clear career pathways through co-designed curriculum, co-investments in learning infrastructure, and participation in recruitment drives.

ASDC

AUTOMOTIVE SKILLS DEVELOPMENT COUNCIL

To support curriculum design and delivery of vocational upskilling programs under NAMTECH Centre for Social Impact.

SIEMENS

NAMTECH has forged a strategic partnership with Siemens to revolutionize education in smart manufacturing, automation, and advanced technical education. This collaboration aims to integrate cutting-edge industry expertise into NAMTECH's academic framework, introducing new electives and dedicated courses within the iPMP and iPTP programs. The partnership emphasizes experiential learning, hands-on industry training, and the co-development of dynamic course curricula. A key highlight is the establishment of a robust industry attachment program for both faculty and students, fostering deeper industry-academic integration. Additionally,

NAMTECH and Siemens will collaborate on developing state-of-the-art infrastructure, creating continuous knowledge-sharing platforms, and designing advanced learning modules to prepare learners for the challenges of Industry 4.0 and beyond Through this partnership, NAMTECH and Siemens are shaping a future-ready workforce equipped with the skills and expertise to drive innovation in manufacturing and automation.

International Professional Master's Program (iPMP) in Smart Manufacturing

The iPMP in Smart Manufacturing is a fully residential, International twinning Program offered by NAMTECH in collaboration with Technical University of Munich (TUM) Asia, Singapore.

The iPMP builds on the foundation provided by a BE/BTech degree. It offers a curriculum that is grounded in the real-world Industry 4.0 environment. It integrates projects, competencies and theory to create future Techno-Managers.

Duration - 12 months | 4 trimesters, each 12 weeks duration

Eligibility - BE, B.Tech

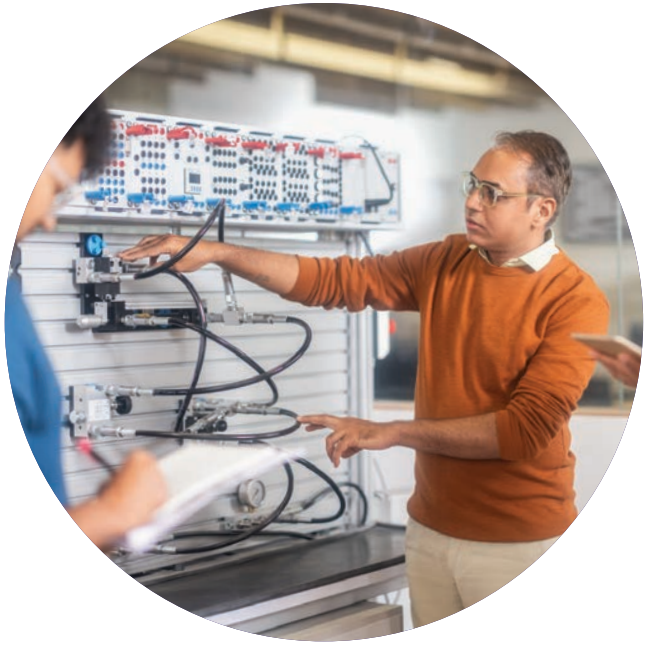
Trimester		Module	Duration
1	12 Sep'23 to 12 Jan'24	Essentials of Advanced Manufacturing Pneumatic Technology Hydraulic Technology Servo/ Stepper Systems & Smart Sensors PLC Programming Industrial Robots Industrial Internet of Things Data Visualization with Node RED Programming Manufacturing Management Communication Skills and Team-Work Development	12 Weeks (4 Weeks at TUM Asia)
2	23 Jan'23 to 29 Mar'24	Data Analytics Product Design & Rapid Prototyping – Additive Manufacturing PLC Programming with HMI & Ethernet Communication Collaborative Robots Software Coding (Python, NL and Lab view) AI & ML in Manufacturing Digital Twin in Manufacturing Project Management Finance Management Advanced Machining (Additive and Subtractive using metals)	12 Weeks
3	11 Apr'24 to 21 Jun'24	Digital Twin in Manufacturing (Tecnomatix Simulation) Digitalizing Operation with MES Cyber-Physical Systems (Smart Factory) Cyber Security Sustainability for Smart Manufacturing Reliability & Quality for Engineers Health, Safety & Environment Operational Excellence	12 Weeks
4	24 Jun'24 to 20 Sep'24	Industry Internship Capstone Project	12 Weeks

Learning Environment

NAMTECH is an institution where innovation meets sustainability in our cutting-edge learning spaces. The learning spaces are integral growth catalysts for us to transform upcoming generations of engineering talent. At the heart of our commitment to experiential education, we have developed learning spaces where learning, debates, discussions, and a spirit of experimentation can be fostered.

There is a deliberate choice of natural and non-toxic materials throughout our classrooms. With a focus on prioritising the well-being of our occupants, we have minimized the use of volatile organic compounds, fostering an environment that nurtures both learning and health. Furthermore, embracing aesthetics that seamlessly weave in natural materials, our spaces provide a visually enriching experience.

The fusion of technology and tailored pedagogy comes to life as learners and teachers engage with interactive touchscreen boards in flexible seating arrangements, adapting to the unique needs of each session. Moreover, our state-of-the-art laboratories are meticulously designed for smart manufacturing and industrial automation, reflecting our dedication to preparing learners for the forefront of technological advancements. NAMTECH's educational environment is where every detail is crafted to inspire, innovate, and ensure a holistic learning experience. Eight of our labs are functional and equipped with cutting-edge, tools and precision equipment technologies, and more are coming up.



High-Performance Computing lab: Features a comprehensive collection of the most recent engineering design software, including SolidWorks, Ansys Research, Origin Pro, Einscan-H, Autocad, AutoExpert, Fusion 360, and more. These labs provide a solid base for our learners through the different modules along their curriculum.

Industrial robotics lab: Houses some of the most recent robots used across industries, the six-axis robotic arm from Mitsubishi, and Collaborative robots that work alongside humans and even autonomously. This robotic equipment would teach learners various applications of Industrial Internet of Things (IIoT) technologies.

Advanced Pneumatics and Hydraulics lab: Automation equipment producers FESTO and Siemens -equip these two labs with their modern pneumatics, electro-pneumatics, hydraulics and electro-hydraulic equipment and software. Electrical and servo motor drive tech and smart sensor kits with analysis and control components are used to teach learners industrial automatio

CyberPhysical Systems (CPS) labs: A miniaturised version of the interconnectedness of computational and physical components in a smart factory is featured here through FESTO who fully equips this lab. The CPS 410 of FESTO integrates ten different stations offer hands-on experience to develop technical competencies to serve the manufacturing sector.

Precision Engineering Lab: The objective of this lab is to teach precision perfection using modern-day industrial equipment. This lab features CNS lathe machines using human-machine interfaces, CNC milling, and advanced controllers.

Additive Manufacturing: Additive and subtractive manufacturing are the need of the hour across industries. Our lab features one of the largest and fastest industrial 3D printers, Ultimaker S5. It also features Digital Light Processing and Directed Energy Deposition 3D printers using of various materials, from polymers to metals.

Manufacturing Execution System (MES) lab: The use of a highly efficient modular manufacturing process that links machines to save production time and space is what learners experience hands-on in this lab. It features running a small end-to-end production line consisting of distribution, joining, measuring, sorting, etc, in live stations seamlessly.


DELL
NAMTECH

Global Exposure through International Immersion

We constantly aim for our learners to broaden their viewpoints, sharpen their cultural intelligence, and gain exposure to exceptional learning experiences from global academic partners and foreign faculty.

The Overseas Immersion Program provides an opportunity for learners to improve their understanding of international trends and developments in their field of study and to have access to global faculty and leaders from the industry. In this process, they also work on state-of-the-art technologies and equipment at their international campus. Our iPMP 2024 cohort of the iPMP course went to the Technical University of Munich - Asia (TUM Asia), Singapore, for a 2-week comprehensive immersion program. TUM Asia offers world-class faculty and exposure to multinationals operating abroad.

The Overseas Immersion Program also entailed visits to several industries in Singapore that have made significant technological advances to give learners real-life exposure to Industry 4.0 technologies. It included visits and sessions with experts at the FESTO Centre for Digitalisation, Technology and Innovation (CDTI), Singapore and Yamazaki Mazak Singapore Pte Ltd. -a leading manufacturer of CNC machining tools.

Apart from providing exposure to learners in various technical aspects through visits to these institutions and industries, we provided them with an opportunity to live in Singapore with their peers, be exposed to varied cultures and places of interest and build memories for life.

NAMTECH regularly invites faculty and academic experts from other foreign universities who are experts in their academic fields. We had visiting faculties from Washington University, Purdue Northwest University and Carnegie Mellon University.

New Life Habits @ NAMTECH

At NAMTECH, our learners' journey extends beyond academic study and learning. Through our curriculum and extra-curricular activities, we nudge our learners towards New Life Habits that support discovery and new awareness.

New Life Habits are the lens through which we see all the immersive experiences and activities we create for our learners. We call them Activity and Creativity, Growth and Nourishment, Restore and Rejuvenation and finally Connection and Meaning.

01

Activity & Creativity

Activity or a sense of accomplishment has an important impact on our wellness, and similarly, our minds need stimulation in the form of experimentation, play and discovery.

02

Growth & Nourishment

A growing body of research has demonstrated the importance of a healthy diet and nutrition for physical and mental well-being.

03

Rest & Requirement

We also need rest, recovery, and rejuvenation to counterbalance mental activity and creativity.

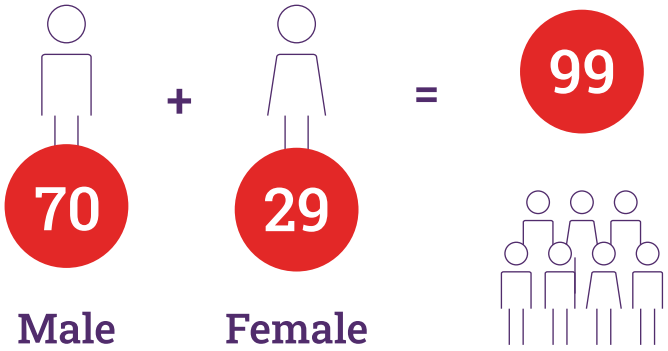
04

Connection & Meaning

Internally, connection means being grounded in a deeper and more profound sense of purpose beyond our physical existence and biological survival instincts. Externally, the sense of being connected to the broader world is intrinsic to our mental wellness.

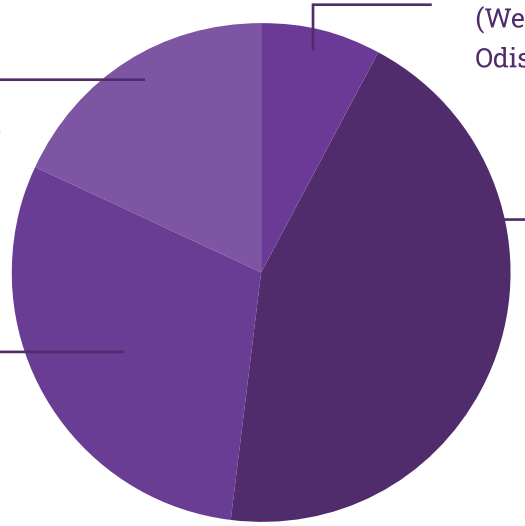
Profile of iPMP Class of 2024-25

Batch Profile



25% from Institute of National Importance (INIs) and Top 100
40% Prior work experience
30% Female students

Region wise Students

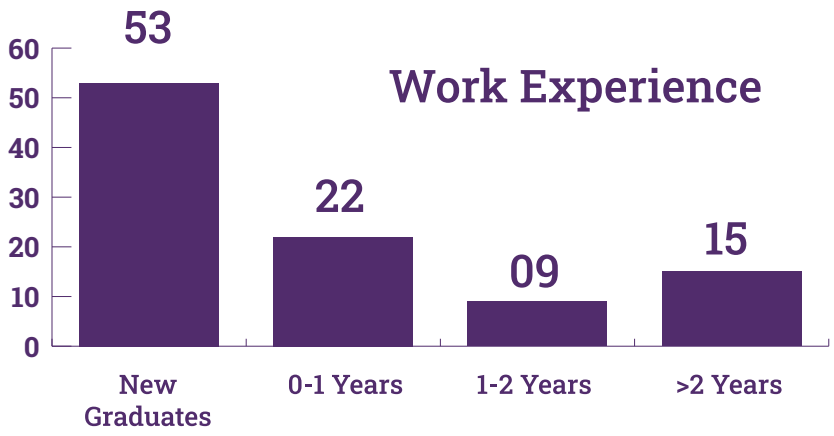


East (8%)
(West Bengal, Jharkhand, Odisha, Meghalaya, Assam)

North (30%)
(Delhi, Uttarakhand Bihar, Uttar Pradesh, Himachal Pradesh, Punjab, Haryana, Chandigarh, J&K)

South (18%)
(Tamil Nadu, Karnataka, Telengana, Kerala, Andhra Pradedsh)

West (44%)
(Gujarat, Maharashtra, Rajasthan)



Graduation Stream (Graduation Details)	Student Count
Mechanical & Production	56
Electronics & Electrical	23
CS / IT	20
Total Students	**99**

Endorsement by our Leaders

Dr. Pinakin Chaubal
VP & Chief Technology Officer (CTO), ArcelorMittal Nippon Steel India (AM/NS India)

The learners are having the opportunity to train and learn on industrial-sized equipment, and they are also getting the opportunity to train on the shop floor with our plant experts. This is being a very unique opportunity, and what we are expecting is that with this kind of training, the learners are gaining the necessary skills for working in a smart factory, the smart factory of today, and the smart factory of tomorrow. They are absolutely getting ready upon graduation to be able to contribute to the success of the business and the success of their employers. At the same time, they are developing excellent skills for the factory of the future.

Mr. Ashutosh Telang,
CHRO, ArcelorMittal Nippon Steel India (AM/NS India)

The industry today needs learners with relevant skills and knowledge to hit the ground running to meet the fast pace of growth. It is time that educational institutes closely listen to what the industry is seeking in terms of competencies in the people it hires and then design this into their curriculum to meet the industry's needs. I am happy to know that NAMTECH is doing precisely that. It is working closely with industry experts and decision-makers across various sectors to design its programs. This is giving an added advantage to the learners graduating from NAMTECH; they are becoming ready to grow rapidly and are accelerating their careers in the industry. I am looking forward to NAMTECH learners becoming role models in the industry.

Dr. Stacey Gűney, Global Head of Learning at ArcelorMittal Nippon Steel India (AM/NS India)

Overall, learning has fundamentally changed. The speed of acceleration and innovation has increased at unprecedented rates recently, and learning must adapt and change as well. What used to be something you did only once at the beginning of your life when you came out of the university or college is now a continuous process that has to happen in terms of lifelong learning, growth, and development. That's why there's a huge opportunity right now for the industry to partner with different types of academics. It no longer needs to be a four-year degree; it can involve stackable credentials that you continue to gather across your lifetime.

Message from Director,
Corporate Partnerships
& Marketing

Nandini Dasgupta

Dear Corporate Partner,

As we kick off placements for the academic year 2024-25, I wanted to reflect on the journey NAMTECH has traversed in the last year and express our heartfelt gratitude for your partnership. NAMTECH held its first convocation ceremony for the inaugural batch of the International Professional Master's Program (iPMP) – Smart Manufacturing Class of 2024 on Saturday, 18th January 2025, at the Mahatma Mandir Convention & Exhibition Centre, Gandhinagar.

Our first batch of iPMP has been well received by Manufacturing, Engineering, and Technology (MET) organizations, and we are proud to see them flourish in their chosen career paths. Each student from our first batch has been placed in niche roles and profiles that position them above typical entry-level engineers. This placement report card reflects the advanced skills and practical knowledge they have gained through our program, ensuring that they can take on responsibilities and contribute meaningfully from day one.

India targets a developed nation status by 2047, aiming to grow its GDP from $4 trillion in 2023 to $35 trillion. To achieve this, the MET sector must increase in GDP share from 17% to 30%, alongside Agriculture and Services as crucial pillars of the economy. Adopting MET, powered by Industry 4.0 and Industry 5.0, is key to this transformation. At NAMTECH, we are fully aligned with India's national development goals, and to bring you talent that will aid in this journey.

We hope this brochure provides you with a deeper understanding of our second cohort of exceptional young professionals. We also invite you to connect with our dynamic community of learners and faculty, who are committed to exceeding your expectations.

Career Development and Placements Team

Meet the pathfinders of our dedicated placements team that facilitates and supports the journey of our makers from academia to industry. Our team ensures that NAMTECH students, who are equipped with the knowhow for the next tech frontier, get fascinating jobs in the manufacturing domain and surpass the expectations of the ever-evolving industry.

Front row: Sneha Sharma, Aditya Varshney, Aniket Shubham, Shailendra Vidhate, Sandeep Parmar, Vanshika Gupta , Drishti Bhatia

Back row: Aditya Malapure, Aryan Patil, Maurya Reddi, Sachet Rajesh Agrawal , Vivek Rinke, Mohammed Faiyaz Shaikh

For more information, connect with our team at placements@namtech.ac

iPMP Class of 2023-24
Placement Highlights

Hightest Salary
13.17 LPA

Average Salary
8.49 LPA

33% of the learners placed with 10 LPA & more

56% of the learners placed between 6 LPA to 10 LPA

100% Placement Percentage

Student Testimonials

Shakti Singh

"I am incredibly grateful for the opportunity to pursue the iPMP in Smart Manufacturing at NAMTECH. A highlight of my experience was the capstone project at L&T Heavy Engineering, where I developed innovative solutions for temperature monitoring in welding processes, that enhanced my technical expertise and project-management skills. Extra-curricular platforms like 'The Makers Magazine' and organizing events like KREED helped me build leadership and teamwork skills."

K M Astha

"Joining NAMTECH was a turning point in my journey, transforming uncertainty about my future into confidence and growth. With exceptional mentorship and a supportive environment, I gained invaluable skills. Winning a Bronze Medal at the India Skills Competition is a proud milestone, made possible by the guidance and encouragement given by NAMTECH's faculty."

Satyajith Balakrishnan

"The fast-paced modules that offer so much to explore in various areas of Industry 4.0 technologies make NAMTECH very interesting. The cutting-edge labs at the institute offer one of the best hands-on experiences on cutting-edge machines and technologies, where you have the freedom for trial-and-error-based learning to understand better how theoretical concepts transform into practical applications."

Rushikesh Kulkarni

"At NAMTECH, I explored different fields and experienced new technologies that will be helpful for me to grow further. The "META Skills" initiative was particularly inspiring. It not only helps a student to recognize his/her potential but also fosters a supportive community where everyone can grow. The support from the faculties is very encouraging and the placement team is very supportive."

Dhrumilkumar Gandhi

"NAMTECH is a place that emphasizes learning through practical, hands-on work and deep knowledge of cutting-edge technologies, allowing me to achieve milestones that I never dreamt of before. The Gold Medal at IndiaSkills 2024 and the Bronze Medal at WorldSkills 2024 in the Industry 4.0 skill trade testify to the exceptional foundation I built here with the help of dedicated faculty, state-of-the-art facilities, and customized mentorship."

Ankit Tibrewal

"Joining NAMTECH (iPMP in Smart Manufacturing) has been a pivotal turning point in my career. Over the past ten years, I explored various professional avenues, but none fully aligned with my passion and long-term goals—until I discovered NAMTECH. The institute's innovative environment, supportive culture, and strong commitment to professional development have proven to be a transformative force in both my personal and professional growth."

Placements Core Team

Reach out to the placements team for any queries.

Mr. Shailendra Vidhate
Head, Placements

Email: shailendra.vidhate@namtech.ac
Contact Numner: (+91) 9372938921

Mr. Sandeep Parmar
Senior Manager, Placements

Email: sandeep.parmar@namtech.ac
Contact Numner: (+91) 9029212012

Transitory campus:
Research Park, IIT Gandhinagar, Palaj, Gandhinagar, Gujarat – 382055, India
www.namtech.ac | info@namtech.ac