

INNOVATOR

A newsletter from
Nettur Technical Training Foundation (NTTF)



NTTF is now a Government of India-recognized institution! Yes, the National Council for Vocational Education and Training (NCVET), under the aegis of Ministry of Skill Development and Entrepreneurship (MSDE), GoI, has granted Dual-AB recognition for all our Diploma Qualifications – as AWARDING BODY AND ASSESSMENT AGENCY. This demonstrates our commitment to world-class technical training and skill development (under the Guidelines of NCVET) where students can gain access to high-quality training and industry exposure, thus contributing to India's vocational excellence. We're also driving industry digital transformation through upskilling and reskilling programs, with initiatives through Online mode of Training programs. We are happy to inform you that two new centres have been opened up – one in Pune and the other in Gadag in North Karnataka: NTTF Pune Centre and NTTF GCIE Technical Training Centre in Gadag. Our Chennai centre – SKPNTC, is gearing up to offer more programs for the benefit of local youth and industries.

Innovator is our bi-monthly newsletter to keep you updated on our partnerships, programs and innovative pursuits in catalysing impactful action through education and training. Join us in our journey as we continue to reach the next milestones!

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November Batch

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IN THE SPOTLIGHT: HIGHLIGHTS OF THE MONTH

NTTF Achieves Recognition from NCVET and MSDE!

We are thrilled to announce that NTTF is now officially recognized as a prestigious Awarding Body and Assessment Agency by NCVET and MSDE. This recognition underscores our unwavering dedication to providing high-quality education and fostering skills development. We are honoured to contribute to India's pursuit of excellence and innovation in vocational education. Here is a list of the qualifications and programs within NCVET's purview that have been approved:



CORE CERTIFICATE PROGRAM

- Conventional & CNC Machinist (CPCCM)

CORE DIPLOMA PROGRAMS

- Tool Engineering and Digital Manufacturing (CP01)
- Electronics Engineering & Embedded Systems (CP04)
- Computer Engineering & IT Infrastructure (CP08)
- Information Technology & Data Science (CP09)
- Mechatronics Engineering & Smart Factory (CP15)
- Electrical & Electronics Engineering (CP23)

LEARN AND EARN DIPLOMA PROGRAMS

- Manufacturing Engineering (CP33)
- Electrical Equipment Manufacturing (CP34)
- Industrial Automation (CP36)

A Message from the Managing Director, NTTF

Excellence is not an act; it is a habit.

- Aristotle

Dear All,

Artificial Intelligence and Machine Learning are two buzz words these days. Every industry is trying to make the most of these powerful technologies to serve its users.

Our talent, discipline, and integrity will be our contributions to a new world. Ignite your passion, peak performance, and purpose. Achieving success in life does not just happen. The winner is the one who embraces challenges in fast-evolving technology and remains committed to lifelong learning and hard work. Stay inspired. "Change starts with you."



Dr. N. Reguraj

Managing Director, NTTF

5 Ways industry can embrace digital transformation through talent upskilling and more

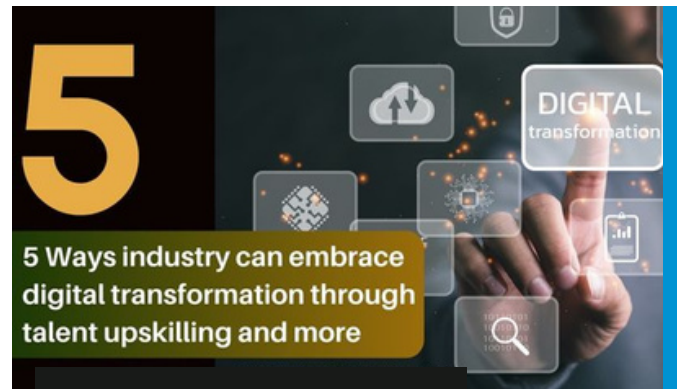
With rapid digital transformation, every industry has embarked on strategic initiatives for talent development. To keep pace with new technologies, hiring skilled professionals is not enough. Today, every industry keenly exploring ways to upskill their employees through innovative programs.

In this context, it would be appropriate to say that we need to re-look at the conventional 7Ps of doing business: **Product, Promotion, Place, Price, People, Process, and Physical Evidence**. Among these, the ‘**People**’ element—the talent pool—takes center stage in view of future-proofing the business.

Building a talent pool equipped with the right skills, knowledge and abilities becomes an ongoing process. Let’s consider instances like hiring for critical roles, reshuffling teams for crucial projects, or allocating significant responsibilities among team members.

Today, the most desirable candidate for any scenario is the person who has all the necessary skills to cope with what the job demands and non-technical skills to navigate the changes ensuing digital transformation.

Even if the industry can find such candidates, it becomes essential for the HR



Author: Mr. Anand. B
Vice President-NTTF

personnel to devise an upskilling plan to cope with dynamic requirements in terms of knowledge and skill gaps.

In this article, we will delve into five essential approaches that the industry can adopt to effectively navigate the wave of digital transformation.

Understand the significance of “people”, the talent pool

As any industry prepares for digital transformation, it’s absolutely critical to recognize that their most valuable asset is the people, that form their talent pool. Amidst the whirlwind of changing processes, products, and landscapes, it’s the talent pool that provides the continuity and innovation necessary for success. Talent should be the nucleus around which strategies revolve, enabling the industry to adapt to new paradigms while maintaining a steady hand on the wheel.

Anticipate and address the skill gaps

The first step in preparing for the future is an honest assessment of the existing skill gaps.

Industry must rigorously evaluate their workforce's competencies against the demands of the evolving landscape.

Understanding the gap will help organizations design and implement targeted upskilling initiatives. Customized training programs, tailored to address specific gaps, ensure that the workforce remains adaptable and equipped to navigate through the digital transformation.

Prepare dynamic training methodology

Effective upskilling is not just about offering training—it's about crafting dynamic methodologies that deliver results. Expert trainers play a pivotal role, but the real challenge is measuring the effectiveness of training. Robust assessment mechanisms, a blend of traditional and tech-driven training setups, and a commitment to monitoring progress are essential. This approach not only imparts new skills but also ensures these skills are practically applied for enhanced performance.

From the operational workforce to managerial and leadership tiers, a keen understanding of competencies is crucial. This ongoing process empowers organizations to strategically deploy talent,

bridge emerging gaps, and ensure alignment between individual capabilities and organizational goals.

Focus on managerial and leadership skills

While mastering technical and digital skills is crucial, it's only part of the equation. Industry must recognize that the new landscape demands a holistic skill set. Managerial and leadership skills, such as communication, leadership, and adaptability, are the underpinnings of success. Upskilling efforts should extend beyond technical competencies, nurturing a well-rounded workforce capable of effective collaboration, problem-solving, and leading in times of uncertainty.

Leverage competency mapping for holistic growth

In the era of digital transformation, competency mapping isn't a one-time task; it's a continuous endeavor. The industry must regularly assess skills and capabilities at all levels of the organization.

Being people-first brings in deeper engagement with the employees along with enhanced productivity, efficiency and resilience. The five ways discussed above can help the industry start implementing its vision for upskilling. This could be the first step in future-proofing their talent strategy. And what follows is their commitment to developing people, aligning their vision and realizing their goals through the people.

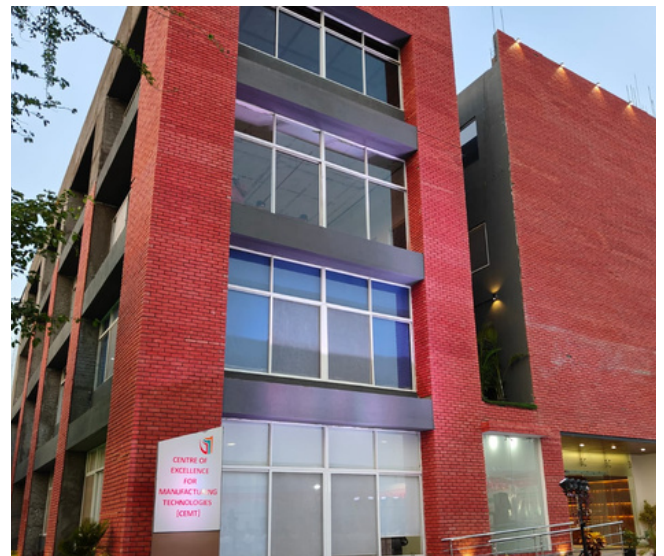
3 Ways NTTF Pune Centre is Transforming Technical Training with Indo-Swiss Collaboration

With a legacy of providing high-quality technical training, NTTF has consistently adapted to the changing needs of the industry and students alike. The NTTF Pune Centre (PNTC) is NTTF's latest endeavour to expand its presence across India. Under the leadership of Mr. Uday Desai, Principal, PNTC, the centre is embarking on path-breaking initiatives to transform technical training with Indo-Swiss collaboration.



Industry collaboration and specialized courses

PNTC's inception is marked by a unique collaboration with the Indo-Swiss Centre of Excellence, a consortium of industries working closely with the Swiss government and Swiss activities in Pune. Mr. Desai explained, "This Centre of Excellence was established to equip Indian youth with industry-relevant skills, making them job-ready or even potential entrepreneurs in Pune's industrial hub."



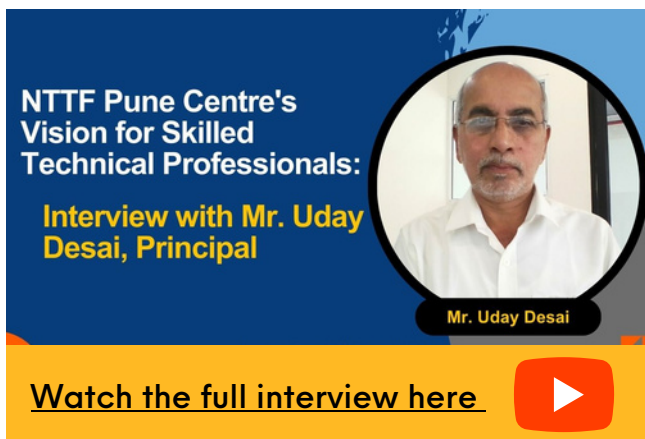
Recognizing the automotive sector's significance in Pune, PNTC initiated two Diploma Courses: A Diploma in Electronics and Embedded System, and a Diploma in Mechatronics Engineering and Smart Factory. These six-semester programs are meticulously designed to provide students with a well-rounded education that includes Mechanical, Electronics, Computers, Pneumatics, Hydraulics, and more.



Strong industry connect and alumni network

NTTF Pune centre, PNTC's strategic location in Koregaon Bhima, Pune, places it in close proximity to numerous industrial giants. The centres' close ties with the local industries are instrumental in shaping their curriculum and ensuring the industry-readiness of the students.

PNTC's industry engagement includes frequent industry visits, guest lectures from industry experts, and internship opportunities. As Mr. Desai explains, "Our students gain priceless insights by interacting with industry professionals and witnessing cutting-edge technologies in action."



State-of-the-art infrastructure and the way ahead

PNTC is equipped with state-of-the-art facilities that include the latest machines and equipment for both Electronics and Mechatronics courses. This infrastructure sets PNTC apart from others and enables students to gain hands-on experience critical to their training.

Mr. Uday Desai detailed future plans for PNTC, including the introduction of post-diploma programs and tool design courses. These additions will address the specific needs of industries in Pune, ensuring a steady supply of skilled workers and continuous upskilling of existing employees.

PNTC's focus on collaboration, specialized courses, strong industry connections, and continuous improvement ensures that it is at the forefront of transforming technical training. With its state-of-the-art infrastructure and unwavering commitment to nurturing talent, PNTC stands as a beacon of excellence in the world of technical education.



Technical Training Centre

NTTF GCIE Technical Training Centre in Gadag



NTTF announced the commencement of our NTTF GCIE Technical Training Centre in Gadag. With the esteemed presence of Shri H K Patil, Honorable Minister of Law, Parliamentary Affairs & Tourism, Govt. of Karnataka, and Shri B V Sudharshan, DMD of NTTF, under the blessings of Shri Dr. N Reguraj, MD, NTTF, we embark on a journey of excellence in technical education.



IMPORTANT ANNOUNCEMENTS



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& Smart Factory**

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