Equipping Leaders for Industry 4.0 - NAMTECH's New Smart Manufacturing Engineering Program Empowers Industry

NAMTECH is preparing leaders for Industry 4.0 through its smart manufacturing engineering program to empower the manufacturing sector and lead to India's growth.

Gandhinagar, Gujarat Jul 30, 2024 (Issuewire.com) - Experts in the manufacturing sector believe that traditional manufacturing programs are not aligned with Industry 4.0 and hence there is a need for specialized courses in smart manufacturing. Addressing this need, NAMTECH, a premier institution has introduced iPMP, a ground-breaking professional master's program to groom industry-ready smart manufacturing professionals that will fuel India's growth through their tech expertise. This program is designed to equip Industry 4.0 leaders with the skills and knowledge required to excel in Industry 4.0.

NAMTECH's professional master's programs are in line with the government's focus on upskilling youth to meet future manufacturing sector workforce demands. By providing young minds with industry-ready skills, the institute attracts global corporations in search of skilled professionals and enhances employment opportunities. The iPMP in Smart Manufacturing provides students with a comprehensive understanding of core manufacturing principles. This program equips technologists with digital skills essential for thriving in a dynamic and high-demand sector, giving them a competitive advantage over traditional engineering graduates.

NAMTECH adopts a learner-centered approach, empowering students to take control of their learning, set their own goals, and utilize technology to address pressing global challenges. The campus infrastructure seamlessly blends physical and digital touchpoints, featuring state-of-the-art labs and workshops designed to prepare technologists for future factories within a smart manufacturing ecosystem. The institute engages industry experts, including professors of practice and guest faculty, to provide hands-on activities, virtual simulations, industry projects, and internships.

The Smart Manufacturing Program at NAMTECH offers a robust curriculum that covers key aspects of Industry 4.0, including automation, robotics, IoT, big data analytics, and cyber-physical systems. Students will gain a deep understanding of the technologies driving the fourth industrial revolution and their applications in manufacturing. This program includes industry-sponsored projects where students collaborate in teams to tackle real-world manufacturing challenges. Students have access to cutting-edge labs and equipment and engage in self-directed learning, choosing their projects and tailoring their

learning experiences.

NAMTECH has established strong partnerships with leading companies in the manufacturing sector. These collaborations offer students opportunities for internships, research projects, and networking, ensuring that they gain exposure to the latest industry trends and practices. Industry partners also contribute to curriculum development, ensuring that the program remains aligned with market needs. Smart manufacturing program candidates will be equipped with the skills and knowledge needed to excel in various roles, including automation engineers, IoT specialists, data analysts, and production managers.

About the Company - NAMTECH is a leading institution in technological education, dedicated to empowering students with the knowledge and skills needed to thrive in a rapidly changing world. With a focus on innovation, excellence, and real-world application, NAMTECH offers a range of programs designed to meet the demands of today's industries.

For more information about the smart manufacturing program

Visit https://www.namtech.ac/

Media Contact

NAMTECH Institute Gandhinagar

contact@namtech.ac

7923277001

Research Park, IIT Gandhinagar Campus, Palaj, Gandhinagar, Gujarat - 382055, India

Source : NAMTECH

See on IssueWire