

हमारा महानगर

मुंबई, पुणे और नाशिकसे एक साथ प्रकाशित

सेमीकंडक्टर मिशनसे 15 लाख कुशल पेशेवरों को रोजगार

मुंबई/पुणे। भविष्य की तकनीकी नेतृत्व क्षमता किसी एक विषय में विशेषज्ञता रखने वालों से नहीं, बल्कि ऐसे पेशेवरों से आएगी जो सीमाओं से परे सोच सकें। यह विचार अमेरिका स्थित Reignite Future के सीईओ डॉ. सत्यम प्रियदर्शी ने MIT वर्ल्ड पीस यूनिवर्सिटी में आयोजित सेमीकंडक्टर एवं रिन्यूएबल एनर्जी विज्ञान मीट के दौरान अपने मुख्य संबोधन में व्यक्त किए।

डॉ. प्रियदर्शी ने इस संदर्भ में "AVATAR टैलेंट" की अवधारणा प्रस्तुत की, जिसमें ऐसे पेशेवर शामिल हैं जो Always (हमेशा तैयार), Versatile (बहुआयामी), Adaptable (अनुकूलनशील), Transformative (परिवर्तनकारी), Agile (फुर्तीले) और Resilient (लचीले) हों। उन्होंने कहा कि भविष्य की चुनौतियों से निपटने के लिए ऐसे व्यक्तियों की आवश्यकता होगी जो

संरचित और असंरचित ज्ञान को जोड़ सकें, विभिन्न क्षेत्रों में काम कर सकें और उन्नत तकनीकों का जिम्मेदारी से उपयोग करें।

इसके लिए शैक्षणिक संस्थानों को पारंपरिक पाठ्यपुस्तक आधारित शिक्षा से आगे बढ़कर वास्तविक दुनिया की जटिल समस्याओं के समाधान हेतु विद्यार्थियों को तैयार करना होगा।

AVATAR Talent Will Drive the Next Tech Wave, Experts Say at MIT-WPU Vision Meet

Pune.(TNB): The next wave of technological leadership will not be driven by single-discipline experts, but by a new kind of professional who can think across boundaries said Dr. Satyam Priyadarshi, CEO of Reignite Future, USA who delivered keynote

address at Semiconductor & Renewable Energy Vision Meet at MIT World Peace University (MIT-WPU) held recently at the university. Elaborating on this shift, Dr. Priyadarshi introduced the concept of "AVATAR talent"—professionals who are Always, Versa-

tile, Adaptable, Transformative, Agile, and Resilient. He stressed that future challenges will require individuals who can integrate structured and unstructured knowledge, work across multiple domains, and apply exponential technologies responsibly. According to



him, institutions must rethink how they educate and skill the next generation, moving beyond textbooks to prepare learners for complex, real-world problems and resilient, sustainable technological ecosystems.

Hosted by the Department of Electrical and

Electronics Engineering, the Vision Meet saw keynote addresses from Mr. Apoorwa Kapse, Senior Industry Leader, Marvell Technology, Pune; Dr. Arvind Shaligram, Professor Emeritus, Electronic Science and CEO, SPPU Research Park Foundation; Dr. Sunil

Kulkarni, Director, ANSK; Dr. Satishchandra Ogale, Director, Research Institute for Sustainable Energy (RISE), TCG-CREST, Kolkata and Emeritus Professor, IISER Pune; and Dr. Satyam Priyadarshi, CEO, Reignite Future, USA.

MIT-WPU Vision Meet focuses on AVATAR talent, semiconductor mission

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Opening the event, Dr. Prasad Khandekar, Chief Academic Officer, MITWPU, reflected on the transformation India is witnessing today. "For decades, talent

existed but the ecosystem did not. Today, that gap is finally closing. With the right momentum, infrastructure, and industry collaboration emerging in Pune and across India, our responsibility as an institution is to ensure students never face the limitations earlier generations did. MITWPU is committed to investing, phase by phase, in tools, curriculum, and partnerships to make our campus a launchpad for cutting-edge semiconductor education and research," he said. Delivering the keynote on The Silicon Era: Industry Trends and Talent Expectations, Mr. Apoorva Kapse from Marvell Technology reassured students navigating career uncertainty. He emphasized that the semiconductor industry is vast and inclusive, urging students to start with strong fundamentals in digital electronics, circuit design, and system-level understanding. According to

him, "Once the foundation is solid, applied skills and industry exposure naturally follow, allowing every student to find their place and grow steadily in VLSI."

Highlighting the scale of opportunity, Dr. Arvind Shaligram, Professor Emeritus and CEO of SPPU Research Park Foundation, spoke on India Semiconductor Mission: Skilling Challenges and Career Opportunities. He noted that India's semiconductor ecosystem will require nearly 1.5 million skilled professionals and several million semi-skilled workers across design, fabrication, assembly, testing, and packaging. He stressed that this demand will be sustained over decades, making semiconductors one of the most significant employment generators of the future.

On the renewable energy front, Dr. Satishchandra Ogale, Director of RISE, TCG-CREST and Emeritus

Professor at IISER Pune, called on students to build depth rather than superficial expertise. He reminded young minds that employers value strong fundamentals, curiosity, and the courage to innovate, encouraging them to aspire not just for jobs but for leadership and impact.

Addressing the structural role of academia, Dr. Sunil Kulkarni, Director, ANSK, emphasized that universities must go beyond degrees. He underlined the need to embed PhD programs, startups, and sponsored research into campuses to convert education into innovation and global competitiveness.

The event concluded with remarks by Dr. Parul Jadhav, Program Director, Department of Electrical and Electronics Engineering, who reiterated MIT-WPU's commitment to nurturing future-ready talent through industry-aligned curricula, research-driven learning, and sustained collaboration.

AVATAR Talent Will Drive the Next Tech Wave, Experts Say at MIT-WPU Vision Meet: 1.5 Million Skilled Professionals Needed for India's Semiconductor Mission

By PNI Admin — On Jan 27, 2025

TECHNOLOGY



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दैनिक समय जगत

AVATAR टैलेंट बनेगा अगली टेक्नोलॉजी लहर का आधार, MIT-WPU विज्ञान मीट में विशेषज्ञों की राय

भारत के सेमीकंडक्टर मिशन के लिए 15 लाख कुशल पेशेवरों की आवश्यकता

एजेसी| पुणे

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Reignite Future के सीईओ डॉ. सत्यम प्रियदर्शी ने MIT वर्ल्ड पीस यूनिवर्सिटी (MIT-WPU) में आयोजित सेमीकंडक्टर एवं रिन्यूएबल एनर्जी विज्ञान मीट के दौरान अपने मुख्य संबोधन में व्यक्त किए। डॉ. प्रियदर्शी ने इस संदर्भ में "AVATAR टैलेंट" की अवधारणा प्रस्तुत की, जिसमें ऐसे पेशेवर शामिल हैं जो Always (हमेशा तैयार), Versatile (बहुआयामी), Adaptable (अनुकूलनशील),

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समाधान हेतु विद्यार्थियों को तैयार करना होगा। विद्युत एवं इलेक्ट्रॉनिक्स इंजीनियरिंग विभाग द्वारा आयोजित इस विज्ञान मीट में प्रमुख वक्ताओं में मार्वेल टेक्नोलॉजी, पुणे के वरिष्ठ उद्योग विशेषज्ञ श्री अपूर्वा कापसे; इलेक्ट्रॉनिक साइंस के प्रोफेसर एमेरिटस एवं एसपीपीयू रिसर्च पार्क फाउंडेशन के सीईओ डॉ. अरविंद शालिग्राम; एएनएसके के निदेशक डॉ. सुनील कुलकर्णी; रिसर्च इंस्टीट्यूट फॉर सस्टेनेबल एनर्जी (RISE), टीसीजी-क्रेस्ट, कोलकाता के निदेशक एवं IISER पुणे के एमेरिटस प्रोफेसर डॉ. सतीशचंद्र ओगले; तथा डॉ. सत्यम प्रियदर्शी शामिल रहे। कार्यक्रम का उद्घाटन करते हुए MIT-WPU के मुख्य शैक्षणिक अधिकारी डॉ. प्रसाद खांडेकर ने कहा, "दशकों तक हमारे पास प्रतिभा थी।