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MUHS to pioneer Emotion-AI in Indian healthcare sector with Nihilentâ??s Emoscape platform

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A landmark collaboration aims to integrate ancient Indian wisdom and cutting-edge AI technology



In a landmark step toward advancing holistic healthcare, the academic wing of the Maharashtra University of Health Sciences (MUHS), Nashik the country's premier institution overseeing over 600 medical, dental, Ayurveda, and allied health institutions has officially partnered with Nihilent to explore clinical applications of Emoscape, the company’s innovative AI-based emotion detection platform.

This collaboration marks a transformative moment in the Indian healthcare landscape, combining the ancient Indian concept of Navarasa (the nine emotions) with modern artificial intelligence to fundamentally reshape how emotional well-being is integrated into diagnosis, treatment, and patient care.

Emoscape leverages cutting-edge artificial intelligence technology to detect nine core emotions love, joy, compassion, anger, courage, fear, disgust, wonder, and calmness by capturing subtle upper-body movements (shoulder and above) in 3D. This breakthrough platform draws inspiration from Navarasa, the ancient emotional theory that has played a pivotal role in Indian performing arts for centuries. The integration of this ancient wisdom with modern AI allows for real-time emotion detection, providing unprecedented insights into a patient’s emotional state and opening new avenues for personalised care and treatment.

The partnership will allow MUHS to explore clinical applications of Emoscape across a range of disciplines, including non-communicable diseases, pediatric and adolescent care, maternal mental health, pre-surgical counselling, psychiatric conditions and ensuring patient privacy. Through this initiative, MUHS aims to bring emotional diagnostics into mainstream healthcare, aligning with its commitment to delivering comprehensive, patient-centred care.

In addition to its clinical applications, the collaboration will facilitate hands-on student engagement through Nihilent’s Summer Internship Program, providing MUHS students with valuable exposure to the intersection of AI and healthcare. This initiative will empower the next generation of healthcare professionals with the skills and knowledge necessary to embrace technological advancements and innovate in their respective fields.