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Amrita Vishwa Vidyapeetham initiates production of innovative technology for speech impairment

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The gesture-based tech is developed to help patients communicate their needs effectively with care givers





Amrita Vishwa Vidyapeetham is all set to commence production of Netravaad, an innovative device designed to revolutionise patient care for individuals with speech impairments.

This groundbreaking technology is being developed by T2HInnovations, a healthtech startup incubated under SCTIMST TIMED (TBI for Medical Devices and Biomaterials).

Named Netravaad, the device is developed and tested rigorously at Amrita Hospital in Kochi. Netravaad utilises innovative eye gesture-based technology to enable patients to communicate their needs effectively.

T2HInnovations, a Kerala-based startup established under the AI and Robotics research center, HuT Labs of Amrita University, specialises in biomedical and healthcare robotics.

It operates in close collaboration with Amrita University’s research facilities, leveraging the university’s expertise in engineering and technology to develop impactful solutions such as Netravaad.

Dr. Rajesh Kannan Megalingam, Director, HuT Labs, Amrita Vishwa Vidyapeetham, and Founder, T2H Innovations, said, “We're now in the production phase of Netravaad and all set to bring this transformative technology to a wider audience. Netravaad's ability to enable communication through eye gestures represents a major leap for individuals with speech impairments."