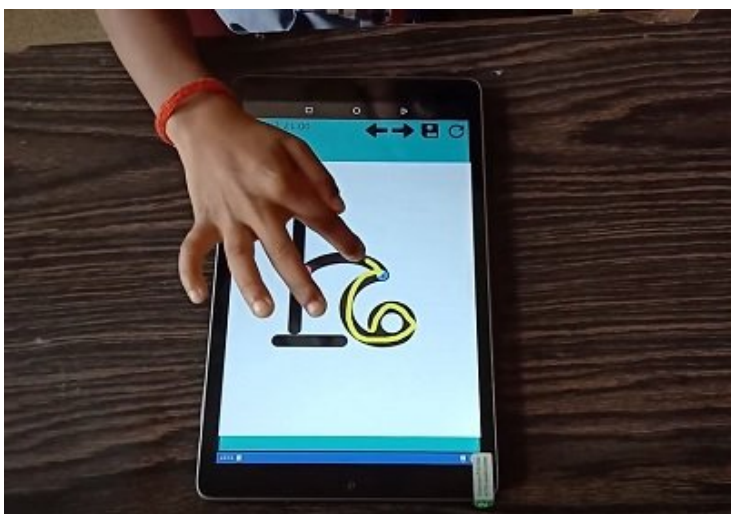


## IIT-K develops novel application for children diagnosed with Dyslexia, Dysgraphia

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**The application is a touchscreen-based interface that involves auditory feedback, haptic sensation and motor movement**



A team of researchers from the Indian Institute of Technology (IIT) Kanpur has developed a novel application for assisting children diagnosed with Dyslexia and Dysgraphia.

The invention named Assistive Application for Children with Dyslexia and Dysgraphia (AACDD) is invented by Prof Braj Bhushan and Prof Shatarupa Thakurta Roy from the Department of Humanities & Social Sciences, IIT Kanpur, and Dr Alok Bajpai, a practicing psychiatrist from Kanpur. The application comes embedded with a device that helps children learn easily.

The assistive technology provides a training module currently available in the Hindi language for school-going children between classes one to five. The application is a touchscreen-based interface that involves auditory feedback, putting haptic sensation and motor movement to facilitate the acquisition and reproduction of Hindi letters. Later on, it is expected to include other languages as well.