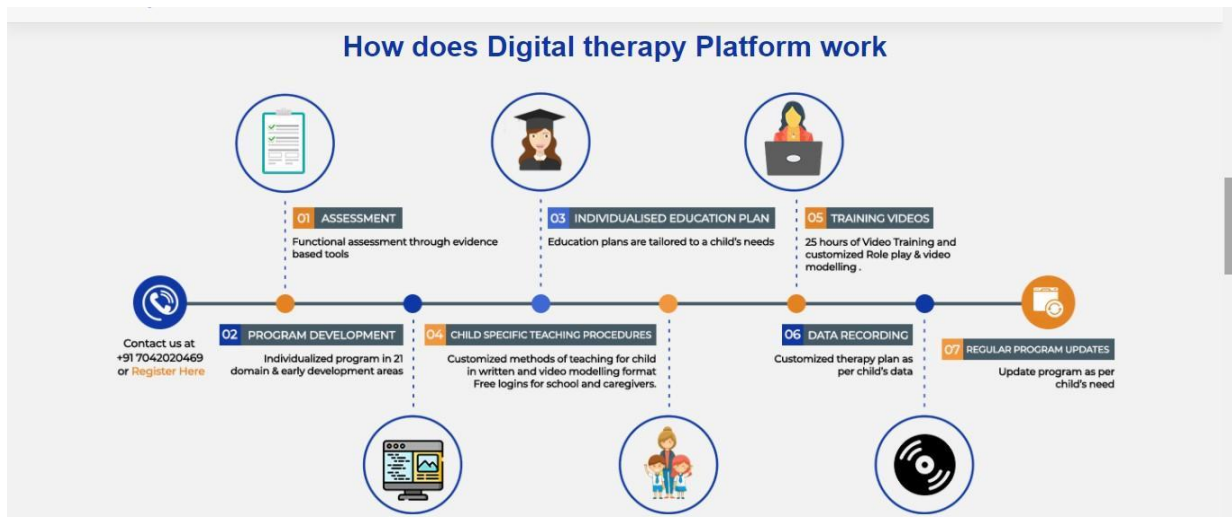


## DBT-BIRAC supports platform for screening and treatment of Autism Spectrum Disorder

New Delhi, Oct 14. In the 1970s, Autism was prevalent at the rate of 1 in 10,000 kids. It can now be seen in 1 in 60 children. Studies by the Centre of Disease Control suggest that 1.5% of children are diagnosed with Autism Spectrum Disorder (ASD).

CogniABLE Technologies, a start-up supported by DBT- Biotechnology Industry Research Assistance Council (DBT-BIRAC), New Delhi, has developed a digital platform for remote screening and behavioural treatment of autism spectrum disorder. It is a machine learning-driven assistive technology for early detection and affordable treatment of Autism Spectrum Disorder.



The platform provides assessment integrated behavioural therapy that empowers parents, schools & clinicians with a treatment plan at 20% of the current market cost. It comes with an evidence-based curriculum, lesson plan and teaching pedagogy in the form of training videos.

CogniABLE is an organisation that is driven by artificial intelligence which helps in early detection and treatment of autism. The team at the company assesses the child and prepares individualised education plans that focus on the child's skills. Regular training sessions are held and further regular updates are taken into consideration.

The company is automating the process of early screening, assistive diagnosis, and assistive treatment for children facing such challenges. The innovativeness of this platform is:

- **Affordability:** Automated early screening and treatment may help reduce the expenses of multiple doctor visits to screen and treat affected children.
- **Accessibility:** Using cloud-based software, it is accessible at home, clinics, or hospitals for medical experts and non-experts alike.
- **Data-Driven:** Using deep learning, it creates a customized treatment plan for each child – based on data linked to clinical landmarks. The goal is a higher quality of care.

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