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First of its kind MRI facility opens at National Brain Research Centre, Manesar

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Union Minister Dr Jitendra Singh asks the Centre to come out with Special Intervention Study on Alzheimer, which could be of world class



Union Minister of State (Independent Charge) Science & Technology; Minister of State (Independent Charge) Earth Sciences; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr Jitendra Singh has launched first of its kind, latest, world's most sophisticated MRI facility at the National Brain Research Centre (NBRC), Manesar Haryana.

The Minister said, with this facility, India embarks on new frontiers of human Neuroscience with a unique and powerful 3T MRI platform of outstanding performance. He informed that MRI Scanner Prisma from Siemens, Germany, is being used by several international initiatives, like Brain initiative of USA, the European human brain project.

This new facility can run intense scanning modalities very fast, which reduces the scanning time for patients by almost a quarter from earlier generation machines. This is being used to develop human cohort data for patients suffering from common brain and mental health disorders including Parkinson's Disease,Alziemer's Disease, anxiety, depression, PTSD, bipolar, anxiety, depression etc.

The novelty of this machine is that it can detect and quantify highly sensitive receptors and antioxidants from the brain which has a direct link with onset of various brain disorders like Alzheimer’s, Parkinson’s and psychiatric disorders.