

EDGE CURRENT DENSITY PROFILE MEASUREMENT USING AN ARRAY OF MINIATURE MAGNETIC PROBES IN ADITYA-U TOKAMAK

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- Array of magnetic probes designed, fabricated and installed on ADITYA-U tokamak.
- Designed for high sensitivity and good spatial resolution.
- Housed inside a ceramic assembly and mounted on a multi motion mechanical feedthrough
- Study of the variation of radial current density profile with the plasma column displacement and the multiple periodic gas puffs.