

## SARAS 3 Radio Telescope

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- The 'SARAS 3 Radio Telescope' has been invented and built indigenously by the astronomers of 'Raman Research Institute' (RRI). It is the world's first telescope to reach the essential micro-receptacles of the universe and collect the smallest necessary information.
- It is a **high-risk and high-profit pilot effort.** With this, extremely faint radio wave signals of the time of 'Cosmic Dawn' can be detected. **'Cosmic Dawn' is a cosmological model (the origin of the universe),** which is related to the hypothesis of the formation of stars and galaxies for the first time in the early stages of the universe.
- This telescope was first deployed in a village in Anantapur district in Andhra Pradesh. Later It was deployed in Trans-Himalayan Ladakh, from where it received important microscopic data.
- Recently, Indian researchers have conclusively refuted the recent claim of discovering a radio wave signal from 'Cosmic Dawn' using the SARAS 3 radio telescope.





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