



**KAMARAJ IAS ACADEMY**  
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# Cloud seeding tried despite IMD's no clouds alert'

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Despite inputs from the India Meteorological Department (IMD) that clouds on October 28 in Delhi would be inscient to coax artificial rain, researchers from the Indian Institute of Technology Kanpur went ahead with their plan of flying their Cessna plane and ring 10 kg of a concoction of silver iodide, common salt and rock salt into the clouds to tear them. Twice. And failed both times.

## About Cloud Seeding:

Artificial rain, also known as cloud seeding, is a weather modification technique aimed at enhancing precipitation (generate artificial rain) from clouds.

Uses chemicals like **silver iodide, potassium iodide, and dry ice**, which are dispersed into the sky via aeroplanes and helicopters.

Types: **Hygroscopic Cloud Seeding** (accelerates the merging of droplets in liquid clouds) and **Glaciogenic Cloud Seeding** (induces ice formation in super cooled clouds).

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