



KAMARAJ IAS ACADEMY
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Martian Crater Named After Indian Geologist M.S. Krishnan

Published On: 27-11-2025

Context:

A **3.5-billion-year-old crater on Mars** has been officially named '**Krishnan**' in honour of **Dr. M.S. Krishnan**, a pioneering Indian geologist. The **International Astronomical Union (IAU)** also approved **Kerala-based names** for smaller associated landforms.

Key Details:

Other Martian Names: Smaller craters and a valley named **Valiamala, Thumba, Bekal, Varkala, Periyar Vallis**.

Krishnan Palus: The plain inside the Krishnan crater.

Significance: First time **Kerala place names** have been adopted for Martian features.

Indian Contribution: Proposal submitted by researchers from the **Indian Institute of Space Science and Technology (IIST)**.

Significance

Enhances India's presence in planetary science and space exploration.

Encourages recognition of Indian scientists and local heritage in global scientific endeavours.

Highlights collaborative contributions of Indian researchers in space science.

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