

**Amrita Vishwa
Vidyapeetham's
Dr. Ganesha
Udupa Honored
with "Brahma
Teja" Award for
Contributions to
Chandrayaan-3
Mission**



Shabd Shaastra

Bengaluru (Sources) : Dr. Ganesha Udupa, Dean of Emerging Energy Technologies and Professor in the Department of Mechanical Engineering at the School of Engineering, Amritapuri, was honored with the "Brahma Teja" Award during the Golden Jubilee Celebrations of the Akhila Karnataka Brahmana Mahasabha at Palace Grounds, Bengaluru, on January 18-19, 2025. The award recognizes his contributions to the Chandrayaan-3 mission and his research in aerospace engineering.

Dr. Udupa played a key role in lunar landing dynamics research, contributing to the Vikram lander's successful descent. His research focused on soft landing mechanisms, analyzing how the lander's legs interact with the lunar surface, optimizing impact absorption, and improving dynamic stability in low-gravity conditions. He worked on refining landing algorithms to enhance precision and stability while minimizing drift upon touchdown. His studies on shock attenuation systems helped mitigate impact forces, ensuring the protection of onboard scientific instruments.

In recognition of his contributions to science and engineering, Dr. Udupa has also been honored with awards such as the Karnataka Mukutamani Award, Karavali Ratna Award, Dhanvantari Award, Vira Award, and Saraswathi Sadhakasiri National Award.

His work in aerospace research continues to support advancements in space technology and planetary exploration.