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Father of Green Revolution **M S Swaminathan** passes away


heartfelt tribute


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MS Swaminathan, the father of Green Revolution in India, has passed away.

His full name was Mankombu Sambasivan Swaminathan, he was born on August 7, 1925 in Kumbakonam, Tamil Nadu.

He was awarded Padma Bhushan by the Government of India in 1972 for his special contribution in the field of agriculture.

He was awarded 'Padma Shri in 1967, 'Padma Bhushan in 1972 and 'Padma Vibhushan in 1989' for his special contribution in the field of agriculture and science.

Agricultural scientist M.S. Swaminathan is called 'Father of Green Revolution in India'.

In the 1960s, there was famine in many places in India. At that time, MMS Swaminathan, along with American scientist Norman Borlaug and many other scientists, prepared high yielding variety (HYV) seeds of wheat.

He was the Director of the Indian Agricultural Research Institute (1961–1972).

Director General of ICR and Secretary, Department of Agricultural Research & Education (1972–79)

He Was appointed Principal Secretary, Ministry of Agriculture (1979–80).

Swaminathan was given the first food award in 1987.



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International Coffee Organization (ICO)

ICO It was established in 1963 under the auspices of the United Nations.

It was established in 1962 after the approval of the first International Coffee Agreement.

The Coffee Board of India is a statutory organization under the Ministry of Commerce and Industry.

This is the first time that the World Coffee Conference has been organized in an Asian coffee-producing country.

The ICO represents countries that account for 93 percent of global coffee production & 63 percent of global consumption.

The fifth World Coffee Conference was inaugurated in India. ICO has organized it in collaboration with the Coffee Board of India.

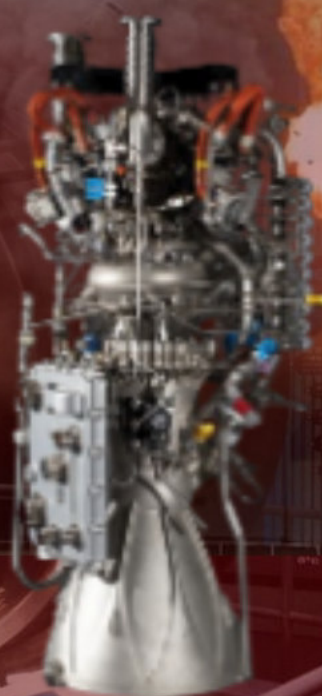


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Ce20 E13 Engine





The Indian Space Research Organization (ISRO) has successfully test-fired the CE20 E13 engine at the ISRO Propulsion Complex (IPRC) in Mahendragiri, Tamil Nadu. The CE20 is a critical component of the Cryogenic Upper Stage (CUS).

It powers the upper stage (C25) of the LVM3 (Geosynchronous Satellite Launch Vehicle Mk III) vehicle.

These stages have two solid strap-on motors (S200). Consists of a liquid core stage (LTO) & a high-thrust cryogenic upper stage (C25).

LVM3 is a three-stage launch vehicle.

These stages have two solid strap-on motors (S200). Consists of a liquid core stage (LTO) & a high-thrust cryogenic upper stage (C25).

It has been developed by the Liquid Propulsion Systems Centre (LPSC) located in Valiyamala, Kerala.

It will play an important role in the launch of the Gaganyaan mission.

In the Gaganyaan mission, a space capsule with a habitable environment for humans will be launched.

It is capable of carrying three astronauts (crew members) to an orbit of up to 400 km.