

Ministry of Electronics & IT



Swadeshi Tech to Power India's Future Mobility: Centre for Development of Advanced Computing (CDAC) and International Centre for Automotive Technology (ICAT) Collaborate to Develop Indigenous Automotive Solutions

Partnership to focus on R&D, testing, and certification of indigenous automotive technologies, reducing dependence on foreign solutions and advancing the vision of Atmanirbhar Bharat

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As the world transitions toward smarter, cleaner, and more connected mobility, India is taking decisive steps to ensure that its technological backbone is built on **indigenous innovation**. In this direction, the **Centre for Development of Advanced Computing (C-DAC)** the premier R&D organization under the Ministry of Electronics and Information Technology (MeitY), and the **International Centre for Automotive Technology (ICAT)**, an autonomous body under the Ministry of Heavy Industries, have signed a Memorandum of Understanding (MoU) to drive a new era of **Swadeshi solutions** for the automotive sector.

The MoU signing ceremony was held during the **Traffic InfraTech Expo – 2025** at **Bharat Mandapam, New Delhi**, in the presence of **Ms. Sunita Verma**, Group Coordinator (R&D in Electronics & IT), MeitY, **Dr. Saurabh Dalela**, Director, ICAT, **Dr. P. R. Lakshmi Eswari**, Centre Head, C-DAC Hyderabad, and senior officials from the Government and Industry. The partnership will include carrying out joint Research & Development with the aim to **transform mobility for the future through indigenous technology development**.



The MoU broadly covers **joint technology development, identification of new R&D areas, development of testing standards, and cybersecurity solutions for the automotive sector**, while also exploring emerging business opportunities in this domain.



Under this partnership, ICAT will collaborate with the automotive industry to define technological requirements, while C-DAC will design and develop indigenous solutions tailored to those needs. For new technologies, C-DAC will undertake the development and innovation component, and ICAT will provide testing, validation, and certification facilities, as well as facilitate industry linkages with end-user automobile companies.

With this collaboration, the dependency on foreign solutions is expected to reduce significantly, as home-grown “Swadeshi” technologies will increasingly power India’s automotive innovations. The partnership marks a significant stride in shaping India’s journey toward **self-reliant, future-ready mobility** in alignment with the national vision of Atmanirbhar Bharat and Make in India.

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