



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalaivar Kamarajar"

International Electro-technical Commission

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Why is in news? India wins the International Electro-technical Commission (IEC) Vice Presidency and Strategic Management Board (SMB) Chair for the 2023-25 term

Representation of BIS (India) in policy and governance bodies of **International Organization for Standardization (ISO)** and IEC ensures that Indian viewpoints on the important strategic and policy matters are put forth and it also provides opportunities to align the national standardization priorities with International best practices.

BIS is continually expanding its **international footprints** by working on the growth mantra provided by the Ministry of Commerce and Industry, Consumers Affairs, Food & Public Distribution and Textiles.

Currently, BIS (India) is represented in various policy and governance bodies of International Organization for Standardization (ISO) and IEC such as ISO Council, ISO Technical Management Board (TMB), IEC SMB, IEC Market Strategy Board (MSB), IEC Business Advisory Committee (BAC), etc.

International Electro-technical Commission:

IEC was established in **1906**, and it is a **not-for-profit organization**.

The International Electrotechnical Commission is an international standards organization that prepares and publishes **international standards for all electrical, electronic and related technologies** – collectively known as "**electrotechnology**".

Standardization Management Board (SMB) is an **apex governance body** of IEC responsible for technical policy matters.

IEC standards cover a vast range of technologies from power generation, transmission and distribution to home appliances and office equipment, semiconductors, fibre optics, batteries, solar energy, nanotechnology and marine energy as well as many others.

The IEC also manages four global conformity assessment systems that certify whether equipment, system or components conform to its international standards.

All electrotechnologies are covered by IEC Standards, including energy production and distribution, electronics, magnetics and electromagnetics, electroacoustics, multimedia, telecommunication and medical technology, as well as associated general disciplines such as terminology and symbols, electromagnetic compatibility, measurement and performance, dependability, design and development, safety and the environment.

Vimal Mahendru will be the IEC Vice President representing India.

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