

Chips to Start-Up Programme

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Chips to Start-Up Programme Latest News

The Chips to Start-up Programme has delivered measurable outcomes across capacity building, infrastructure access, and hands-on chip design enablement.

About Chips to Start-Up Programme

- It is an umbrella **capacity-building initiative** launched by the **Ministry of Electronics and Information Technology** (MeitY) in 2022.
- **Funding and Tenure:** Total outlay of **₹250 crore over five years**.
- **Target:** It targets the development of **85,000 industry-ready professionals** across undergraduate, postgraduate, and doctoral levels.
- It aims to catalyse the incubation of 25 start-ups and enable 10 technology transfers.

Features of Chips to Start-Up Programme

- It seeks to provide **access to SMART lab facilities, train one lakh students**, generate **50 patents**, and support at least 2,000 focused research publications.
- It **supports innovation, enhances employability**, and enables academic institutions to play a more active role in India's semiconductor value chain.
- **Programme Approach and Implementation**
 - The C2S Programme adopts **a comprehensive approach**, providing **students with hands-on experience** in chip design, fabrication, and testing.
 - It is achieved through **regular training sessions** in collaboration with industry partners, combined with mentorship and practical support.
 - Students gain access to **advanced chip design tools, fabrication facilities**, and testing resources, including state-of-the-art EDA software and semiconductor foundries.
 - These opportunities also include **implementing R&D projects under** the C2S Programme to develop working prototypes of **Application-Specific Integrated Circuit (ASICs)**, Systems-on-Chip (SoCs), and Intellectual Property (IP) Core designs.

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/chips-to-start-up-programme/>

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