IIT Hyderabad Opens Registrations for Certificate Course in VLSI Chip Design in Collaboration with TCS iON

Highlights:

- Launch of New Program: IIT Hyderabad's Centre for Continuing Education (CCE), in collaboration with TCS iON, has launched a new online certification program titled "VLSI Chip Design."
- Industry-Aligned Initiative: The program aims to bridge the skill gap in the specialized and market-relevant Very Large Scale Integration (VLSI) sector within the electronics and semiconductor industries.
- Program Start Date: The 45-hour certification program will commence on October 8, 2025, with enrolments opening soon with affordable fee.

Hyderabad, 26 August 2025 – The Centre for Continuing Education (CCE) at IIT Hyderabad, in collaboration with TCS iON, announces the launch of a new industry-aligned online certification program titled **"VLSI Chip Design."**

This program marks a significant step in addressing the growing skill gap in the specialized and rapidly evolving domain of Very Large Scale Integration (VLSI) within the electronics and semiconductor industries. Designed to meet the increasing demand for skilled professionals, the course aims to equip learners with both foundational concepts and advanced competencies essential for future-ready careers. An exclusive highlight of the program is the **immersive IITH Bootcamp**, which offers hands-on learning in core areas of Analog Chip Design and Digital IC Design.

The comprehensive **45-hour** certification program is set to commence on **October 8, 2025**, with enrolments opening shortly. The program is meticulously designed to provide in-depth knowledge of Analog Chip Design and Digital IC Design. The program is led by esteemed IITH faculty members: Prof. Ashudeb Dutta (EE), Dr. C.H. Gajendranath Chaudhury (EE), Dr. Abhishek Kumar (EE), Dr. Rajesh Kedia (CSE), and Dr. Kapil Jainwal (EE).

Prof. B.S. Murty, Director, IIT Hyderabad *said "At IIT Hyderabad, we are committed to bridging the gap between academic learning and industry demands. The launch of this VLSI Chip Design certification program, in collaboration with TCS iON, is a step towards empowering professionals with the skills required to thrive in the fast-evolving semiconductor and electronics sectors. We believe this initiative will contribute significantly to building a strong talent pipeline for India's growing VLSI and chip design ecosystem."*

Prof. Amirtham Rajagopal, Chair of the Centre for Continuing Education (CCE) at IIT Hyderabad, said, *" "This program reflects our commitment at CCE to delivering high-impact, application-oriented learning experiences. By integrating academic rigor with hands-on training through the IITH Bootcamp, we aim to ensure that participants not only gain deep technical knowledge but are also well-prepared to contribute effectively to the VLSI industry from day one."*

For Registration and more details : [VLSI Chip Design Certificate Programme by IIT Hyderabad](#)

About TCS iON:
TCS iON is a strategic unit of Tata Consultancy Services, focused on empowering individuals and

organizations with tech-led education. Leveraging its unique 'Phygital' platforms that blend digital and physical learning experiences, TCS iON provides multi-modal, skills-based learning for various stakeholders—including students, schools, universities, corporates, and skilling institutes. For more, visit www.tcsion.com

About CCE – IIT Hyderabad
The Centre for Continuing Education (CCE) aims to conduct training programs for students, academicians, and working professionals across the country. The young and energetic faculty of IIT Hyderabad are dedicated to providing learning opportunities that contribute to the professional growth of participants. With the rapid rise in e-learning, CCE @ IIT Hyderabad continues to stay ahead by offering flexible online programs that accommodate the work schedules of busy professionals.

About IIT Hyderabad:
IITH, established in 2008, has reached a respectable position in Academics, Research, Technology development and Startups in a short span of 17 years. In the National Institutional Ranking Framework (NIRF), IITH has bagged at 3rd in Innovation and 8th among Engineering institutes in the last two consecutive years, while it has maintained its rank within the top 10 Engineering Institutes ever since NIRF was launched. IITH is ranked 664 in QS World University Ranking-2026 (among top 10% of global institutions in citations per faculty) and among the top 10 Engineering Institutes in India. IITH has been striving for excellence with a motto of "Inventing & Innovating in Technology for Humanity (IITH)".

With 331+ full-time Faculty and 5,200+ Students (PG+PhD students accounting for about 60%), IITH has a strong research focus with ~ 4990+ Projects worth of Rs. 1590+ Cr of R&D funding (Rs. 335+ Cr funding in 2024-25, i.e. Rs. 1+ Cr per faculty), 12,100+ Publications, 2,25,000+ Citations, 560+ Patents (210+ Patents in 2024 and a commitment to "Patent a Day: Mission 365" for 2025 to earn 365 Patents by the end of 2025), and about 320+ Startups (that have generated 1100+ jobs with a revenue of Rs. 1500+ Cr).

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