

Intelligent Integrated Circuits & Systems (I²CS) Research Lab - IIITK

Department of ECE

Indian Institute of Information Technology
Kottayam,
Valavoor P O, Pala, Kottayam-686635,
KERALA



Chips to Startup
Programme



Bootcamp on FPGA Prototyping and Hardware Acceleration

June 22-26, 2026

Deadline: June 12, 2026

 i2cs.iitkottayam.ac.in
 i2cs@iitkottayam.ac.in

Organizers

Dr. Kala S, Assistant Professor, ECE
Dr. Minu A Pillai, Assistant Professor, ECE

I²CS Research Lab-IIIT Kottayam

I²CS Research Lab is a vibrant hub for innovation and advanced research in cutting-edge areas of integrated circuits and computing systems. Lab actively engages in R&D across a diverse domains, including hardware accelerators for AI and signal processing, VLSI testing & verification, approximate computing for energy-efficient design, FPGA, hardware security, and analog/RF IC design.

Lab is supported by state-of-the-art infrastructure established under the **Chips to Startup (C2S) programme of MeitY, Govt of India**. Lab is equipped with industry-standard EDA tools including Cadence, Synopsys, Siemens, AMD Xilinx etc., MATLAB, and a wide range of modern prototyping and development platforms, including AMD Xilinx FPGAs, Microchip SoCs, NVIDIA Jetson platforms for edge AI, Robotics kits, Drone, Raspberry Pi and Arduino boards and sensors, Renesas Kits, so on.

Payment details

Go to SBI Collect Link:
<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
Chose Category → Educational Institutions , Payee → IIIT Kottayam
and Payment Category → i2cs Research Lab
After payment, note down the transaction/DU number
Fill the registration form after fee remittance
Registration fee is **NOT** refundable

- Hardware modeling using Verilog HDL ✓
- High Level Synthesis ✓
- Hands-On using AMD Xilinx FPGA boards ✓
- Hardware Accelerators ✓
- AI/ML Applications on FPGA ✓

Registration Fee Details

UG/ PG Students : Rs. 1500
PhD Scholars/Faculty : Rs. 2000



Registration <https://tinyurl.com/2d44ex33>

- Fee includes registration kit, tea/snacks, study materials
- Accommodation upon request, on payment basis
- Certificates will be provided after successful completion of program

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