

# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM

Valavoor P O, Kottayam – 686635, Kerala

*An Institution of National Importance*

INTELLIGENT INTEGRATED CIRCUITS & SYSTEMS (I<sup>2</sup>CS) RESEARCH LAB

## SUMMER INTERNSHIP-2025

**APPLICATION DEADLINE**

**30.04.2025**

**INTERNSHIP START DATE**

**02.06.2025**

Visit us at

<http://i2cs.iiitkottayam.ac.in>



Indian Institute of  
Information Technology  
Kottayam



### I<sup>2</sup>CS RESEARCH LAB

We are engaged in various funded and collaborative projects in the area of VLSI and Embedded Systems. Research lab is equipped with state-of-the-art EDA tools for IC design under **Chips to Startup (C2S) programme of MeitY, Govt of India.**

Facilities in research lab include EDA tools from Synopsys, Cadence, Siemens, and AMD Xilinx FPGA boards, MicroChip SoC boards, Nvidia Jetson, Robotics kits, Raspberry Pi, Arduino boards and sensors, Matlab etc.

### RESEARCH AREA

- VLSI system design
- FPGA based system design
- IoT and Edge computing
- Hardware accelerators for AI/ML
- Deep learning architectures
- Approximate computing
- Hardware security
- Processor architecture
- Vibration energy harvesting
- Acoustic source localization
- Analog IC design
- RF Circuits

### DETAILS

**Mode of internship:** Hybrid

**Duration:** 4-8 Weeks

**Eligibility:** UG/PG (Ongoing)

**Internship fee:** Rs.5000/-

**Payment Details:** Fee payment through SBI Collect

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### HIGHLIGHTS:

- Financial support for conference publications
- Cutting edge projects in semiconductor domain
- Exposure to industry standard VLSI tools
- Interact with experts in VLSI & Embedded systems
- Career guidance

Visit our [WEBSITE](#) for Instructions, Consent form from faculty and Application form

### REGISTRATION

<https://forms.gle/8r31uBvx13snG5UP6>

Visit to learn more about us



### CONTACT



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