



Indian Institute of
Information Technology
Kottayam



Intelligent Integrated
Circuits and Systems
Research Group

Internship Program



INTEGRATED CIRCUITS & SYSTEMS LAB - IIITK
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM
VALAVOOR, KOTTAYAM - 686635, KERALA

MODE OF INTERNSHIP: **HYBRID**

APPLICATION DEADLINE: **MARCH 10, 2024**

DURATION: **2 TO 6 MONTHS** (BASED ON PROGRESS OF WORK)

START DATE: **MARCH 15, 2024**



REGISTRATION LINK: <http://tinyurl.com/6v2x96kj>

PROJECT AREAS

- Deep learning architectures
- Approximate computing
- Hardware Security
- Vibration energy harvesting
- Acoustic source localization
- Sensor networks
- LNA for RF transceivers
- Voltage controlled oscillators
- Advanced MOS Devices
- SRAM
- Material characterisation & data interpretation
- Energy storage applications

DETAILS

Eligibility: UG/PG
(Ongoing or Completed)

internship fee: Rs.5000
(FEEs can be paid after shortlisting of interns)

Shortlist Notification:
March 13, 2024

FACULTY

- Dr. Kala S
- Dr. Minu A pillai
- Dr. Lakshmi N S
- Dr. M Gopal
- Dr. Venkatesh S

RESEARCH LAB

We are engaged in various funded and collaborative projects in the area of VLSI, FPGA, IoT, Hardware Security, Energy harvesting, Sensor networks, Analog/RF IC design, Nanoelectronics, and many more. Research lab is equipped with Cadence tool for IC design, Xilinx FPGA boards, MicroChip SoC boards, Arduino boards and sensors, Matlab etc,

VLSI Design

RF CIRCUITS

SENSORS

SHORTLISTED INTERNS WILL BE INTIMATED THROUGH EMAIL.
OFFLINE VISIT MAY BE PLANNED AFTER JOINING ONLINE

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