Centre for Multi-Disciplinary System Research
Anna University, Chennai – 25

Quantum Computing is an emerging technology has promising future in Cyber security, health care, finance, manufacturing ...

Two-week Internship Program on
"Quantum Computing & Nano Electronics" for
UG, PG Students, Research Scholars, Technical Staff, Faculty and Industry Personals
Coordinator: Dr. Nandhini. S, Asst. Prof. DECE

Topics to be covered

- ✓ Quantum Gates
- ✓ Quantum Computers
- ✓ Quantum Fourier Transform
- ✓ Quantum Algorithm
- ✓ Quantum Error Correcting Codes
- ✓ Quantum Dots

- ✓ Quantum Key Distribution
- ✓ Quantum Cryptography
- ✓ Post Quantum Cryptography
- ✓ Spintronics
- ✓ Hands on sessions on Qiskit, QCA, MTJ Device simulations
- ✓ FPGA based QKD

Minimum number of candidates required to conduct this course is 15.

Internship Details	Theory (Hours)	Practical (Hours)	Guided Project	Internship Fee
2 Weeks Program Starts from 23 Jun 25 (online & physical mode)	30	30	-	Rs. 5310/- (inclusive of GST)
4 Weeks Program Starts from 23 Jun 25 (online & physical mode)	30	30	60 Hours	Rs. 9440/- (Inclusive of GST)

Interested candidates have to register for the internship using the google form **https://forms.gle/f8uqcrzXUvoqjf8L6**
participant has to upload college ID / work place ID and Payment receipt in the form.
Internship fee may be paid through UPI to
Account number: 41051630131, IFSC: SBIN0006463
(please mention participant name during payment)
Fee does not include Lunch. Accommodation at Anna University Campus will be available at additional charges, on prior request with a request letter forwarded by the principal.

Centre for Multi- Disciplinary Systems Research (**CMDSR**) has been formed as an autonomous research Centre. The centre has high potential to establish mutual collaborations with various industries and National statutory bodies which support its advanced research in the field of VLSI Design, Artificial Intelligence, Signal Processing, Embedded Systems, Cryptography, Electronics System Design, PV Electronics and Quantum Computing.

Contact us

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Internship Registration link

https://forms.gle/f8uqcrzXUvoqjf8L6

Important Dates

Last date for registration – 17.06.2025
Internship starts from – 23.06.2025

Online participants will be joining through online-meet with interactive hands-on sessions. Physical mode participants are requested to bring your laptops for practical sessions. Minimum number of candidates required to conduct the course is 15.