

Opportunities @ IIT Palakkad

Computer Science and Engineering

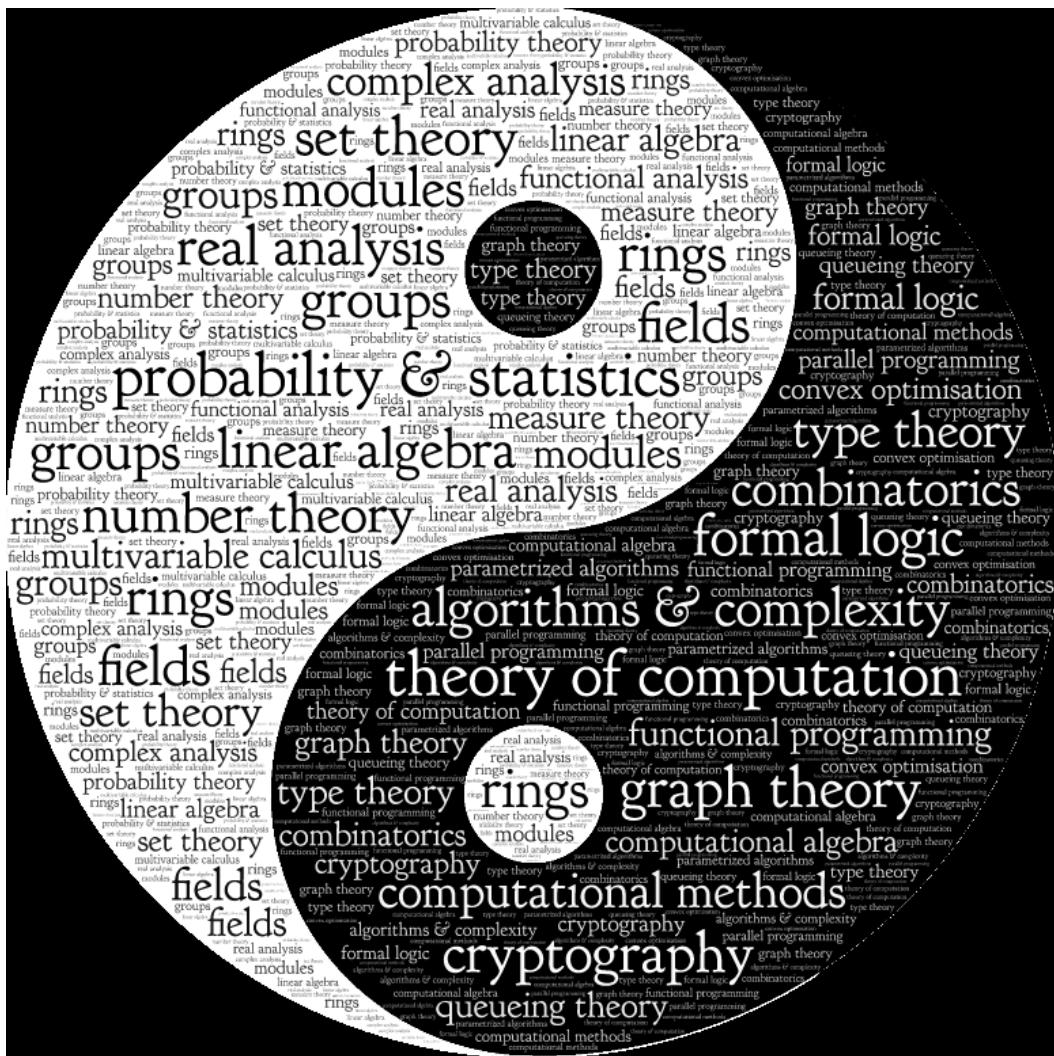
Presented by

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IIT PALAKKAD

PG Programs



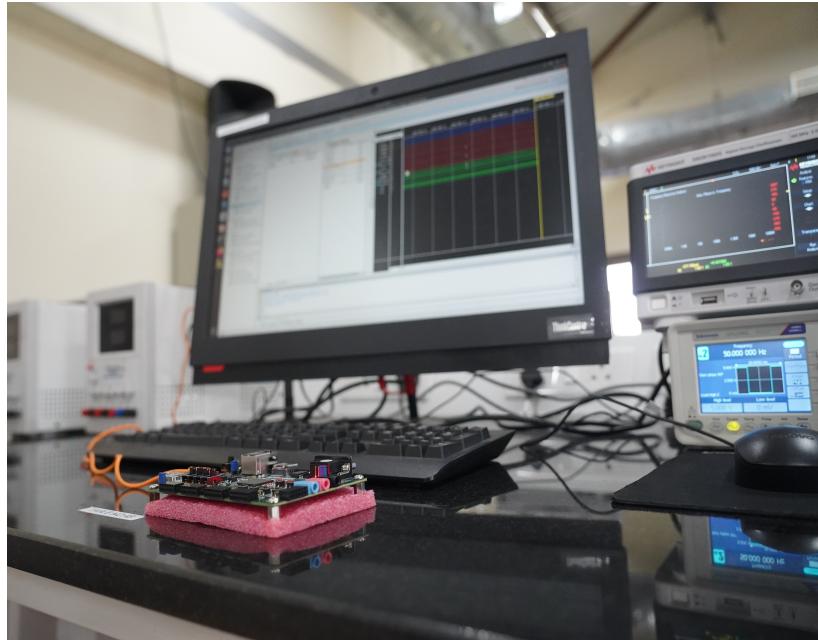
- Admission through COAP portal.
- GATE qualification in CS or MA
- Excellent placement and higher studies opportunities.
- Stipends to all.

MTech in Computing and Mathematics

Looks at non-trivial applications of mathematics in computer science

Learn fundamentals of computation via a unique mix of CS and Math courses

PG Programs

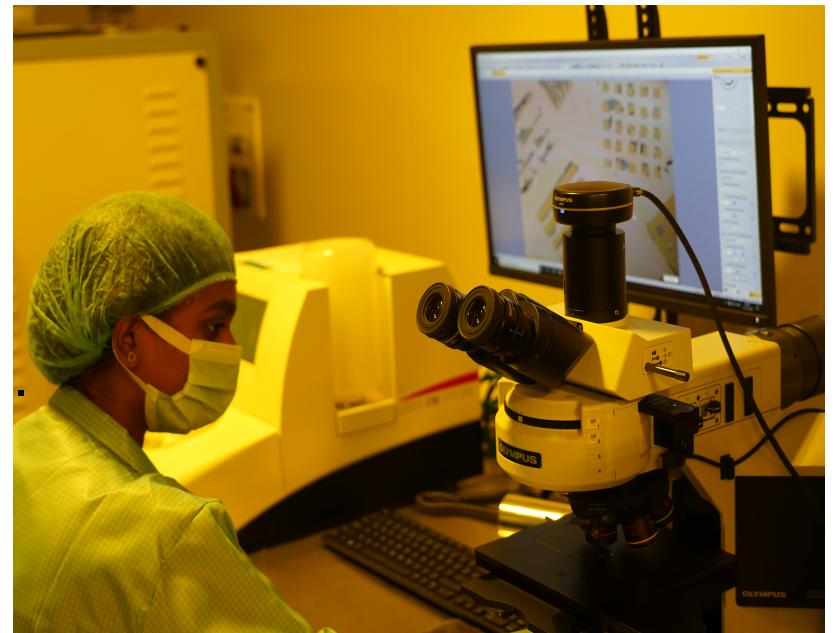


Admission through COAP portal.
GATE qualification in CS, EE or IN
Industry based projects.
Excellent Placements.
Stipends to All.

MTech in System on Chip Design

Acquire skills in Architecture,
System Design, Devices and Circuits .

Learn to design better Systems on Chip.



Research Programs

MS by research

Generally for those who completed BTech in CSE or related areas.

Necessary to have a valid GATE score in CS.

PhD

Generally for those who completed PG.

UGs from a CFTI with high CGPA can apply for direct PhD.

Desirable to have a valid GATE score in CS.

Admissions in June-July and November-December.

Process : Apply through portal, ShortList, Test, Interview

HTRA (stipend) to all students.

Opportunities like PMRF (with a higher stipend) for selected few.

How to Prepare for Research Interviews?

Should you be a 9 pointer to be shortlisted? NO!!

Should you have a publication while applying? NO!!

In the test and interview, we check

how good are your **fundamentals**

Ability to stretch a little beyond your knowledge and solve some problems.

Based on your interest, prepare at least one of the buckets below :

Algorithms, Discrete Mathematics (mainly Logic and Probability)

Programming+Computer Organisation, Architecture, Operating Systems

Programming+Compiler Design

Programming + Computer Networks, Probability

Programming + Databases

Summer Internships

Internship is usually May mid to July mid.

Applications open in March-April

With a stipend

Project Positions

Advertisements in institute page.

Opportunity to work with faculty before joining for PhD/MS.

QIP program for faculty members

Starting from July 2023 Admissions.

SERB schemes for teachers from nearby colleges.

Albert



Anish



Deepak



Jasine



Dinesh



Vivek



Koninika



Our Faculty Team

Unni



Krithika



Sahely



Sandeep



Satyajit



Srimanta



Piyush



Our Expertise

Algorithms, Complexity Theory Graph Theory, Combinatorics,

Discrete Mathematics

Computational Algebra, Cryptography

Programming Languages, Type Theory Compilers, Program Analysis

Proof Assistants, Formal Verification

Computer Architecture, Post-silicon Validation

Embedded Systems, Cyber Physical Systems

Operating Systems, High Performance Computing,

Computer Networks, Distributed and Interconnected Systems

Database Systems, Data Mining

Machine Learning, Computer Vision

Thank You!

Questions?

