Hands on Programming Quantum Computers

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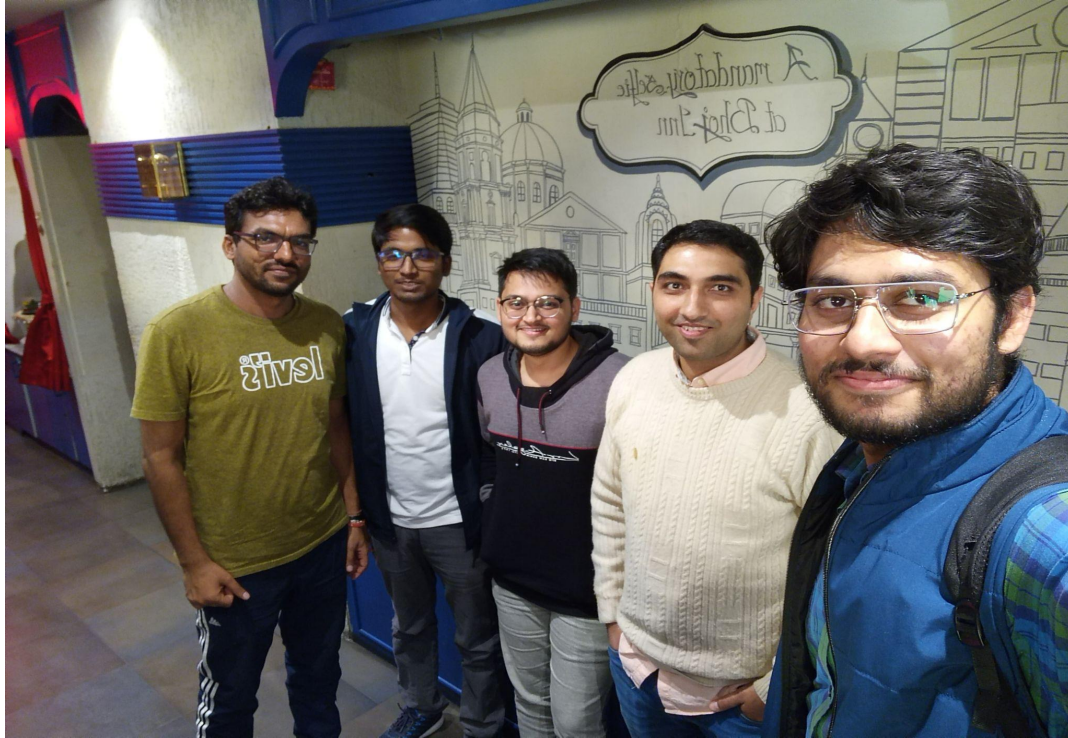
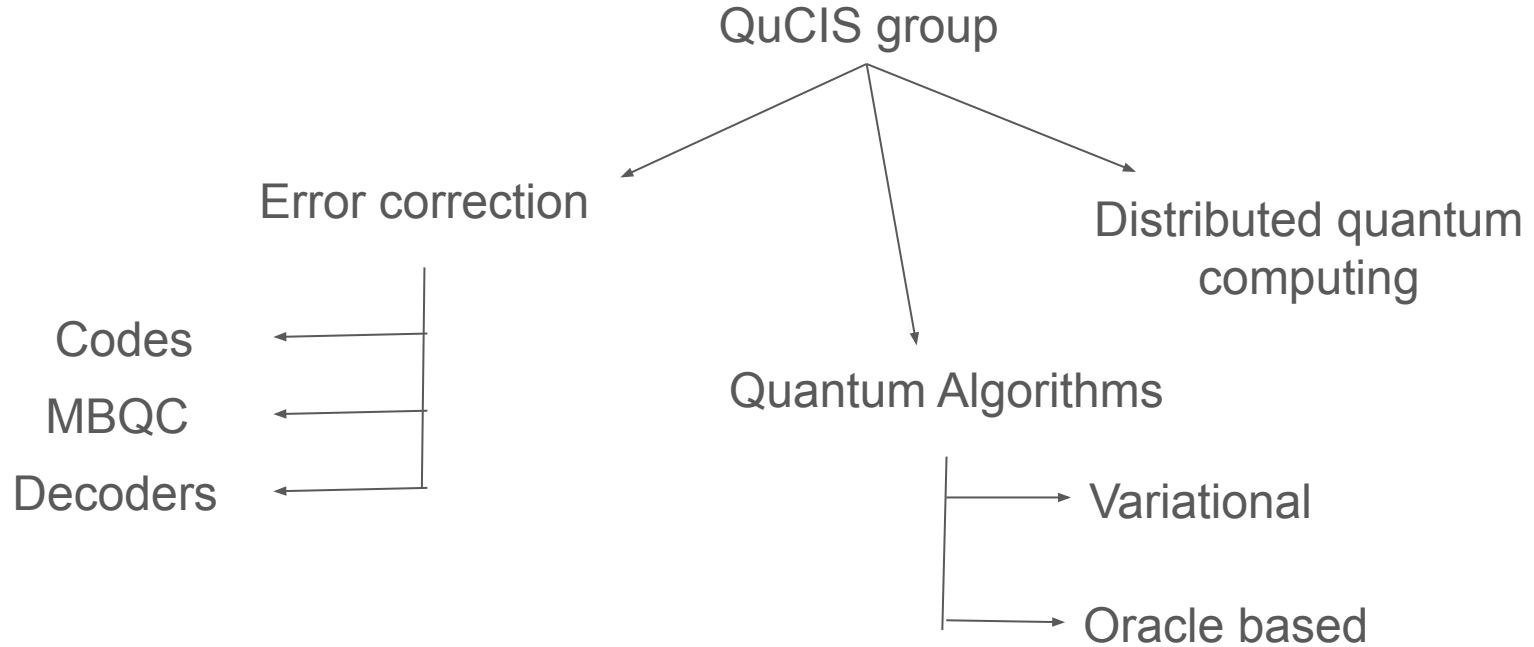Indian Institute of Science Education and Research Bhopal

What we'll do?

- The basics.
- Introducing pennylane.
- Algorithms.
- Explore the concepts.
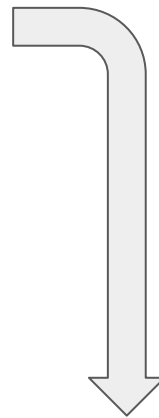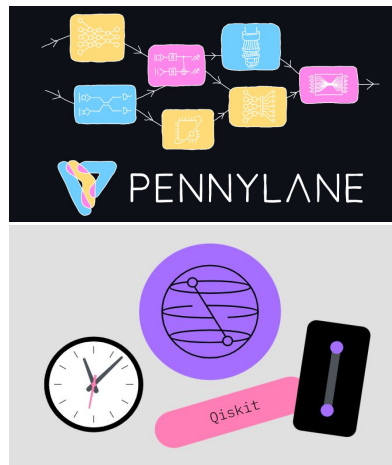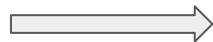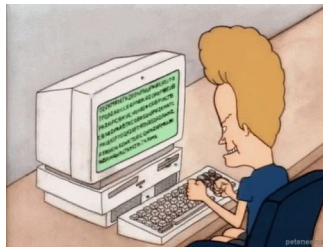- Behind the scenes advances.

Who are we?

QuCIS group

What we do?

QuCIS group

Error correction

Distributed quantum computing

Codes

MBQC

Decoders

Quantum Algorithms

Variational

Oracle based

How to programme on a quantum computer
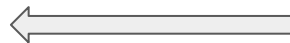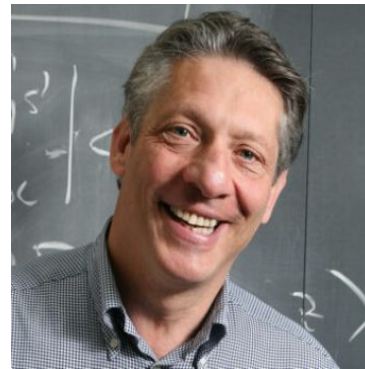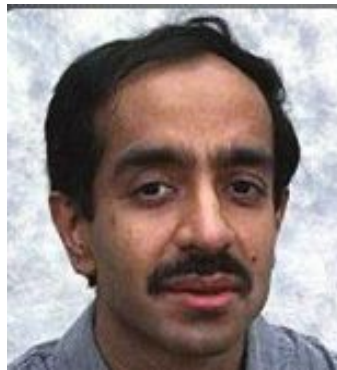
Is it worth it?

Quantum computer on cloud

The codebooks

http://172.30.1.162:<port _number>

Always on Github
https://github.com/mainak-bhattacharyya/QuCIS_outreach

Wifi: Guest@IISERB
Username: eecs01
Password: UqwA7tJ9

Welcome!