

# EE 465 Cryptocurrency and Blockchain Technologies

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# Course Details

**Instructor** Saravanan Vijayakumaran

**Office** EE 122B (opposite PC lab)

**Webpage** [www.ee.iitb.ac.in/~sarva/courses/EE465/Autumn2018.html](http://www.ee.iitb.ac.in/~sarva/courses/EE465/Autumn2018.html)

**Piazza** [www.piazza.com/iit\\_bombay/fall2018/ee465](http://www.piazza.com/iit_bombay/fall2018/ee465)

# Prerequisites

Any one of the following courses

- EE 720
- CS 406
- CS 649
- CS 742<sup>1</sup>

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<sup>1</sup>Request has been sent to ASC to add this course

# Syllabus

- Bitcoin
- Ethereum
- Stellar
- Monero
- ZCash
- Hyperledger Fabric
- Hyperledger Sawtooth
- Quorum

Detailed syllabus and references

[www.ee.iitb.ac.in/web/academics/courses/EE465](http://www.ee.iitb.ac.in/web/academics/courses/EE465)

# Evaluation Policy

- Assignments = 30%
  - Will involve programming
- Exams = 40% (16% Midsem + 24% Endsem)
- Project = 30%
  - Report, Presentation, Demo
  - External judges may evaluate
  - Excellent = 30, Good = 22.5, Average = 15, Needs improvement = 7.5, No show = 0
- Relative grading
- No audits

Questions?