



CS 213

SOFTWARE SYSTEMS LABORATORY

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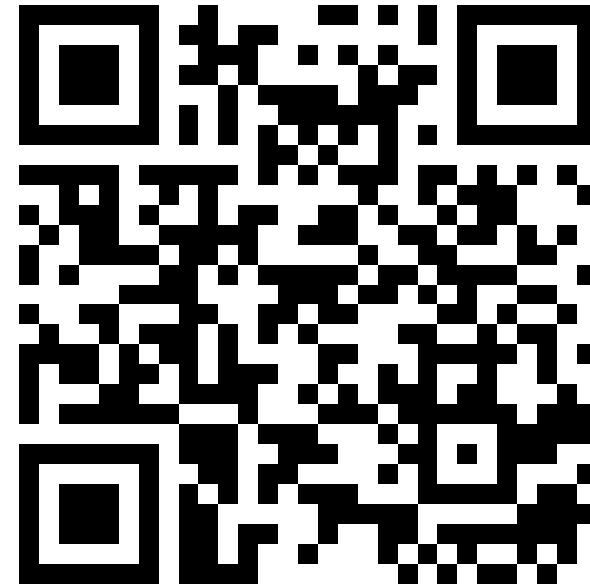
WHAT TO LEARN IN THIS COURSE?

Discuss in small groups

Breakout rooms

Report your conclusions

<https://forms.gle/Y6P9Dj9cPdHJR6LM9>



WHY THIS COURSE?

Core course!

Necessary soft skills

CS graduate's bread-and-butter

Cuts across career paths

LEARNING OUTCOMES

To be able to prepare reports and slides in LaTeX

To be able to design a dynamic webpage

To be able to program in Python

To be able to use a Linux system

COURSE CONTENT (DYNAMIC)

Report and Presentation tools

- LaTeX
- Beamer

Web Design

- HTML
- Javascript
- PHP
- SQL

Programming

- Python
- Version control
- Code profiling
- Documentation

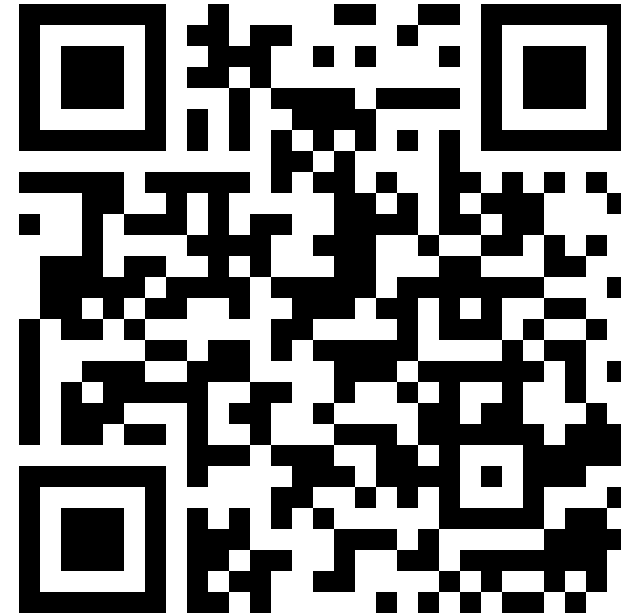
Linux

- Basics
- Tools
- Bash scripting

PROFICIENCY SURVEY

How proficient you are in these topics?

<https://forms.gle/esTdqMcB9jYhN2RUA>



ADMINISTRATIVE ASPECTS

Credit Structure

- L-T-P-C: 1-3-0-8

Contact hours

- Lecture (4B): 10:30 AM – 11:30 AM (Wednesdays)
- Lab (L2): 02:00 PM – 05:00 PM (Wednesdays)
- Office hours: 03:00 PM – 04:00 PM (Fridays)
- Assignments due every Saturday mid-night

Google Classroom

- Class code: 6cnsxdg

Lecture feedback (Anonymous)

- <https://forms.gle/veoUaHCwE4DG9LRq5>

Attendance requirement

- 80% requirement to appear for end-sem

Instructor

- Tamal Das (tamal+cs213@iitdh.ac.in)

Teaching Assistants

- Pavankumar patil (pavankumar.patil@iitdh.ac.in)
- Chandrashekar S (chandrashekar.s@iitdh.ac.in)
- Vyuhita Bonthu (212011001@iitdh.ac.in)

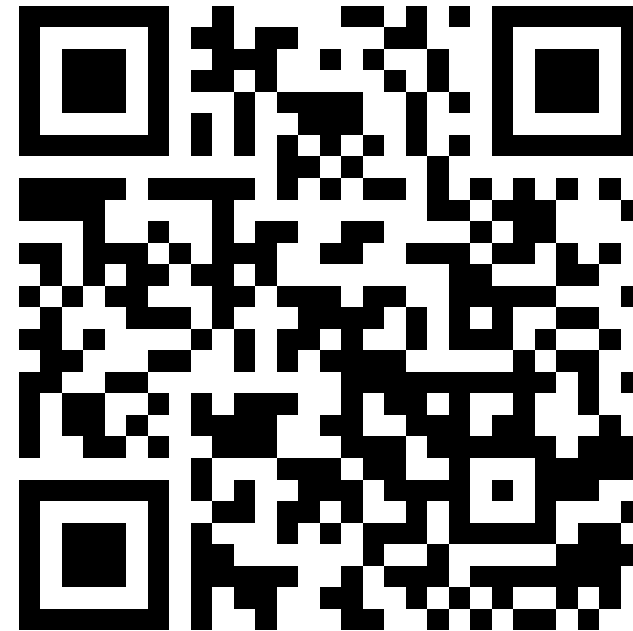
MODES OF EVALUATION

Discuss in small groups

Breakout rooms

Report your conclusions

<https://forms.gle/eVjJCAtXjz2PxpQi8>



COURSE POLICIES

Evaluation (Tentative)

- Assignments (50%)
- Mid-sem Exam (10%)
- End-sem Exam (15%)
- Student Projects (20%)
- Class participation (5%)

Plagiarism policy

- You can discuss, but cannot copy
- Source from internet is copy
- Will be reported to DAC
- Late submissions will be penalized for every hour

Student projects

- In small groups
- Web/networking + graphics + database
- Documentation
- 20-30 hours of work



THANK YOU

Communication channels

- [Google classroom](#)
- [Lecture feedback](#)
(anonymous)

