

Indian Institute of Technology Palakkad

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Course details

Title : Computer Networks

Code : CS4010

Category : PMT

Credits : 3-0-0-3

Lecture material per week : 2-3 hours

Slot : A

Offering : S7

Faculty : Albert Sunny

Department : CSE

Course materials

Textbooks

Andrew S. Tanenbaum and David J Wetherall, Computer Networks, 5th edition, Pearson publication.

Reference

- James F Kurose and Keith W Ross. Computer Networking: A Top-Down Approach Featuring the Internet, 7th edition, Pearson publication.
- Behrouz A. Forouzan and Sophia Chung Fegan, Data Communication and Networking, Huga Media, 2007.

Why study this course?

- Today's Internet is arguably the largest engineered system ever created by mankind, with hundreds of millions of connected devices and communication links.
- Given that the Internet is so large with many diverse components and uses, is it possible to understanding how it works?
- Are there guiding principles and structure that can provide a foundation for understanding such an amazingly large and complex system?
- This course aims to provide an introduction to the dynamic field of computer networking, giving you the principles and practical insights.

Evaluation Criteria

Scribing lecture notes (due each week) : 30%

Discussions on Piazza/Discord : 10%

Presentation : 10%

Weekly quizzes : 30%

Final exam : 20%

Min pass marks : 45/100