

**G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE
AUTONOMOUS (FOR WOMEN)**

Department of Computer Science and Engineering

Methodology: MOOCs

Faculty Name: Mrs. Jayashree S Patil, Mr. Ch. Sudarshan Reddy, Mrs. D. Naga Swetha

Subject : COMPUTER NETWORKS

Class/Sem: III B.TECH I SEM

Link to access: <https://archive.nptel.ac.in/courses/106/105/106105183/>

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[NOC:Computer Networks and Internet Protocol \(Video\)](#)
[Syllabus](#)

[Co-ordinated by : IIT Kharagpur](#)
[Available from : 2018-04-26](#)
[Lec :1](#)

Modules / Lectures

[Intro Video](#)

MODULE 1

◦ [Lecture 1 : Introduction to Computer Networks & A brief history](#)

[Lecture 2: Data Networks & from Circuit Switching Network to Packet Switching Network](#)

[Lecture 3 : Network Protocol Stack](#)

[Lecture 4 : Services at the Different Layers of the Protocol Stack](#)

[Lecture 5 : Application Layer I & Different Protocols at the Application Layer](#)

MODULE 2

MODULE 3

MODULE 4

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Department of Computer Science and Engineering

Methodology: MOOCs

Faculty Name: Mrs. P. Sunitha Devi, Mrs. Nanda Devi D R, Mrs. Y. Sravani devi

Subject : FLAT

Class/Sem: III B.TECH II SEM

Link to access: <https://archive.nptel.ac.in/courses/111/103/111103016/>

The screenshot displays the NPTEL course interface. At the top, the NPTEL logo is on the left, and navigation links 'About us', 'Courses', and 'Contact us' are on the right. Below this, a breadcrumb trail shows the path: 'Courses' > 'Mathematics' > 'Formal Languages and Automata Theory (Video)' > 'Syllabus'. It also indicates the course is 'Co-ordinated by : IIT Guwahati' and 'Available from : 2014-11-26' with 'Lec :1'.

The main content area is divided into two columns. The left column, titled 'Modules / Lectures', lists the course topics: 'Languages and Finite Representation' (with sub-items 'Introduction', 'Alphabet, Strings, Languages', and 'Finite Representation'), 'Grammars', 'Finite Automata', 'Minimization of Finite Automata', 'RL ? RG ? FA', 'Variants of Finite Automata', 'Properties of Regular Languages', and 'Simplification of CFGs'. The right column features a 'Watch on YouTube' tab, 'Transcripts', and 'Books'. Below these is a video player showing a 'Lecture Plan: Modules' slide. The slide lists eight modules: 'M-1: Languages and finite representation', 'M-2: Grammars', 'M-3: Finite automata', 'M-4: Minimization of finite automata', 'M-5: RL \rightarrow RG \rightarrow FA', 'M-6: Variants of finite automata', 'M-7: Properties of regular languages', and 'M-8: Simplification of CFGs'. A red play button is overlaid on the video player.