



Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

Department of Information Technology

Online Certificate Course (RSML MOOC's)

Course Title: Advanced Networking Techniques

Max. Marks: 100

Week 01:

- Course Introduction.
- Client Server Concept.
- Network Topologies.
- Components and Physical Media

Week 02:

- Introduction of Wireless Network.
- Comparison between Wired and Wireless Network.
- Why we use Wireless Network.
- Disadvantages of Wireless Network.
- Radio Frequencies signal (RF Signals)

Week 03 :

- Types of Wireless Networks.
- Requirement to create wireless Network.
- Wi-Fi (Wireless Fidelity)
- Bluetooth

Week 04:

- 2G and 3G Network.
- 4G and 5G Network.
- Security Options in Wireless Network.
- IEEE Wireless Standards.
- Ad-hoc and Sensor Network

❖ Course Teachers

1. Prof. Aman Shaikh , RSML
2. Prof. Mahadev Bhatade, RSML