



## TENTATIVE TEACHING PLAN

Name of Teacher: **Engr. S. Rizwan Ali Shah**

Subject: **Computer Communication & Networking (Practical)**  
Semester: **6<sup>th</sup>**

Batch: **14TL (II)**  
Year: **3<sup>rd</sup>**

Term Starting Date: **18-07-2016**

Term Suspension date: **10-10-2016**

S. #.	Topics	No. of Lectures Required
01	To Installation and Troubleshooting Network Interface Card (NIC) / LAN Installation	03
02	To understand different terms and arrangements of devices associated with computer networks	03
03	To make Familiar with the different connectors and transmission media and to make RJ-45 connector (wiring standard)	03
04	To overview CISCO packet tracer 5.3, creating devices, adding modules, making connection and creating networks	03
05	To discuss and understand different topologies in networking	03
06	To get familiar with basic wireless configuration of Wireless Routers	03
07	To understand packet sniffing tool called Ethereal Labs	03
08	To get started with Ethereal and capturing packets	03
09	To understand what is network simulation? And to get introduced to OPNET simulator	03
10	To understand how OPNET GUI works and creating scenarios in OPNET and to check traffic load	03
11	To model, manage and troubleshoot real-world network infrastructures and to investigate application performance and capacity planning, by changing the link speed between a home LAN and its ISP.	03
12	To understand an configure Remote Access using Windows' built in feature and third party tool called "Teamviewer"	03
13	To install and configuration the DHCP server	03
14	To install and configuration the FTP/Web service + Class Test	03
<b>Total Lectures</b>		<b>42</b>

Signature of Teacher:

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Dated:

Remarks of DMRC:

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Signature of Chairman:

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Dated: