

# Atria Institute of Technology

Bengaluru – 560024

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## Department of Computer Science and Engineering



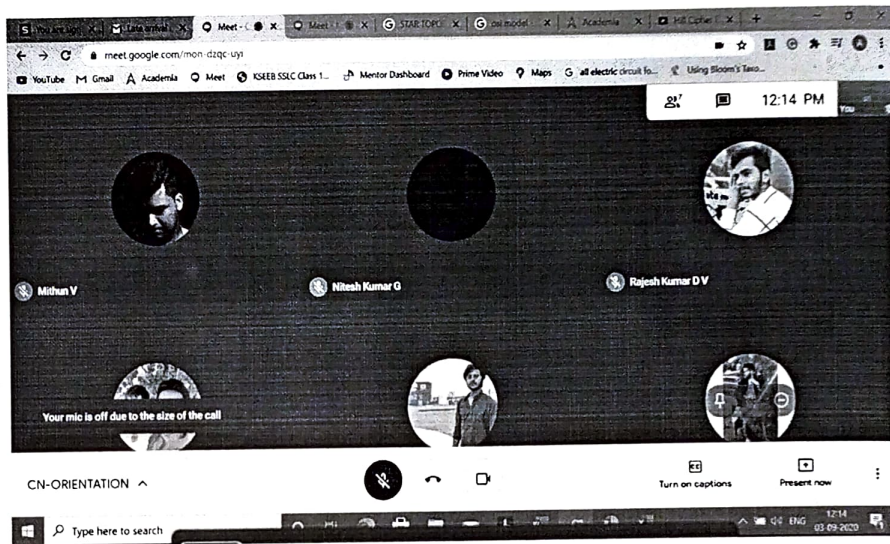
Date: 03-09-2020

### DETAILS OF THE INNOVATIVE TEACHING METHODS USED BY THE FACULTY

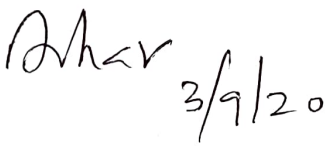

<b>Academic Year</b>	2020-21, ODD SEM
<b>Subject Name and Subject Code</b>	COMPUTER NETWORKS AND SECURITY LAB [18CSL57]
<b>Faculty Name</b>	Mrs. ADITI RAVICHANDRA / Mr. G. SRINIVASACHAR
<b>Semester</b>	V Sem
<b>Name of the Innovative Teaching Methods used</b>	<ol style="list-style-type: none"><li>1. Power point presentation</li><li>2. Videos on NS2</li><li>3. Online simulation using NS2 (Open-Source Software)</li></ol>
<b>Short Description of the Innovative Teaching Activity.</b>	<p>As it was the pandemic year, students were instructed to install the NS2, which is an open software in their respective laptops / desktops.</p> <p>The basic introduction about the various simulators was explained.</p> <p>Students were shown step by step on how to install the NS2 on their laptops/ desktops.</p>
<b>Number of students got benefited.</b>	64

<b>Number of students involved in the activity.</b>	64
<b>Venue of the Activity</b>	Online, Google Meet
<b>Schedule of the Event</b>	3-9-2020
<b>Whether the work can be Reproduced and Reviewed.</b>	No
<b>Details are available in the college website.</b>	YES

**Photograph for the event**



<b>Contents of the Event</b>	<ul style="list-style-type: none"> <li>• Learn fundamentals of evaluating network performance via simulation</li> <li>• Fundamentals of discrete event simulation</li> <li>• NS2 simulation</li> <li>• Creating a topology</li> <li>• Tcl scripting</li> </ul>
<b>Impact Analysis after using this Innovative Teaching Methods used.</b>	CO5
<b>Feedback from the students</b>	4.2 out of 5 (average)
<b>Relevance to PO and PSO</b>	CO5
<b>Any comments or Suggestions from the Programme Co-ordinator</b>	None

<b>Signature of the Faculty</b>	<b>Signature of the HOD</b>
 3/9/20	 03/09/20 <b>Dr. Aishwarya P</b> Professor & Head CSE Atria Institute of Technology Bangalore - 560 024