

# *B.N.M. Institute of Technology*

An Autonomous Institution under VTU

## **Department of Information Science & Engineering**

### **Innovative Teaching method**

**Academic Year 2021-22**

<b>Sl. No.</b>	<b>Name of Faculty</b>	<b>Course</b>	<b>Semester</b>	<b>Innovative Method</b>
<b>1</b>	<b>Dr. Shashikala</b>	Automata Theory and Computability	5	Problem solving assignment
		Data Structures and Application	3	Quiz, Problem solving assignment
<b>2</b>	<b>Dr.S. Srividhya</b>	Database Management System	5	Kahoot it! Demonstration of programs in online application, Certified Course from MongoDB
		Natural Language Processing	7	Kahoot it! Demonstration of NLP applications
		Computer Networks and Security	5	Case Study Flipped Classroom , Quiz
<b>3</b>	<b>Dr. Geetha D</b>	Web Technology and Its Applications	7	Coding to develop Web Applications

<b>4</b>	Mr. Vijay Kumar S	Unix Programming	5	Kahoot.it  Quizizz Demonstration of commands and Programming in Lab
<b>5</b>	Mr. Manjunath G.S.	Big DataAnalytics	7	Quizizz
		Data Structures and Applications	3	Quizizz and Role Play to demonstrate the concepts
<b>6</b>	Mrs. Madhura Prakash M	Artificial Intelligence and Machine Learning	7	Prerecorded videos with discussion in class Implementing AIML algorithmsto generate models and test onreal-world data
<b>7</b>	Mrs. Laxmi V	Software Architecture and Design Patterns	7	Demonstration of different design pattern implementation
<b>8</b>	Mrs. Swathi Sridharan	Management and Entrepreneurship for IT	5	Google form, Activity based, Role Play
<b>9</b>	Mrs. Huda Mirza Saifuddin	Analog and Digital Electronics	3	Video based learning and Quiz