

B. N.M. Institute of Technology

An Autonomous Institution under VTU
Department of Computer Science and Engineering

Activity / Innovative Method Used for Teaching Learning Process in 2023-24

| Sl. No | Semester | Course | Name of the Faculty | Innovative method | Description |
|--------|----------|-----------------|---|---------------------------------------|--|
| 1. | 4 | Web Technology | Prof. Manjushree K, Dr. Shwetha M D, Dr. Deepti Balaji | Execution of Programs / quiz activity | Questions are created and stored separately in a Question bank and can be reused in different quizzes |
| 2. | 4 | DAA | Prof. Manikanta K, Prof. Ashwini R M, Prof. Devi Naveen | Quiz, Code Tantra | Interactive Platform for Virtual School, Virtual University, Online Classes, Assessments, Low Bandwidth, Teach Anywhere, Learn Coding |
| 3. | 4 | DBMS | Prof. Ragavendra C K, Prof. Amith Shekhar, Prof. Geetha L S | GitMind tool for ER Concepts | The program provides a GitMind is a data modeling tool to help you create ER diagrams free. |
| 4. | 6 | Cloud & Digital | Dr. Geetha S | Industry visit | It is a tactical method of providing practical experiences to students. student groups can set up an industrial visit to understand how employees work in an actual setup. |
| 5. | 6 | Cyber Security | Dr. Rajashree, | PICO.CIF/ Activity Cybersecurity | A cyber-attack is any malicious attempt to |

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| | | | Prof. Mona | Attack | gain unauthorized access to a computer, computing system or computer network with the intent to cause damage |
| 6. | 6 | Cryptography Hash | Prof. Priya S | Quiz Activity seed Labs, seminar | Questions are created and stored separately in a Question bank and can be reused in different quizzes |
| 7. | 6 | DWDM | Dr. Karthik R | Quiz activity | Questions are created and stored separately in a Question bank and can be reused in different quizzes |
| 8. | 6 | ML | Dr. Chaithra M, Dr. Santosh Reddy | Paper Preparation, Implementation Project | Article writing process with the help of Implemented Projects |
| 9. | 6 | Data Science | Dr. Karthik R, Dr. Kavitha Jayaram | Seminar, project, Quiz, LTIMindtree company interaction | Questions are created and stored separately in a Question bank and can be reused in different quizzes |
| 10. | 6 | PE-2 Cyber Security & Digital Forensics | Prof. Manjushree K | Certification of MOOC course and Case study on real time crimes | MOOCs are used for higher education, upskilling and career advancement. |
| 11. | 6 | PE-2 Computer Vision | Prof. A K Shreeja | MOOC course & Certification, case study on applications of computer vision | MOOCs are used for higher education, upskilling and career advancement. |
| 12. | 6 | SS & C | Dr. Anitha N, Prof. Priyanka Padki | Execution of Lab Programs | Execution of Lab Programs |
| 13. | 6 | DMDW | Dr. Deepti Balaji | Research paper Review and mini project with real dataset | Research paper Review and mini project with real dataset |
| 14. | 7 | User Interface Design | Dr.S.Geetha, Prof.Manjushree K | Picture identification for menu structures. | Learn how to design your website navigation according to best practices |
| 15. | 8 | IOT | Prof. A K Sreeja, | Execution of Programs using | Execution of Programs using Arduino IPE |

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| | | | Prof. Pallavi C V | Arduino IPE | |
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