Innovation in teaching learning 2021-22

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| **Sr. No** | **Name of Faculty** | **Course Name/Sem/ Course code** | **Year/Sem** | **Innovative/ Creative activity used** | **Short Description of the activity**  **(link of report)** |
| 1. | Dr. Amrita Ruperee | Principles of Communication Engineering | SE/ IV sem | Quiz, Assignments, Cryptography puzzle, snake and ladder game. | <https://classroom.google.com/c/NDUyNTk2MjUyMjk4?cjc=lnf5mbv> |
| Mobile Communication System | BE/ VII sem | Quiz, flipped classroom, NPTEL video lectures, Assignments, Cross word puzzle | <https://classroom.google.com/c/MzcwNTI3MTMzNTAw?cjc=ekzpsq3> |
| 2. | Dr.Sunayana Jadhav | Sensor Technology | TE/V | Flipped Classroom(Discussion on signal conditioning) | <https://classroom.google.com/u/0/c/Mzg0MzM5MDI5ODcy> |
| IoT and Industry 4.0 | TE/VI | Think, Pair and Share Activity | <https://classroom.google.com/u/0/c/NDUzNTMwMTQyMjQz> |
| IoT and Industry 4.0 | TE/VI | Flipped Classroom(Discussion on Big Data Enabling Technologies) | <https://classroom.google.com/u/0/c/NDUzNTMwMTQyMjQz> |
| Wireless Networks | BE/VIII | Flipped Classroom Activity  Kindly watch this video lecture on Concepts of Cellular Systems and Technologies | <https://classroom.google.com/u/0/c/NDUzNTI5NzEyNTE3> |
| 3. | Ms. Shaista Khanam | Digital VLSI design | TE/V | Flipped Classroom activity | <https://drive.google.com/file/d/1qMNk-OTbc3WPgTVElVydwGpREWaAy-UT/view?usp=sharing> |
|  | Electronics devices and circuit | SE/III | Flipped Classroom activity | <https://drive.google.com/file/d/1yF0WFSrlDXOJsUnQ0m0zNmrim3yGzgOi/view?usp=sharing> |
|  | Microcontroller | SE/IV | Youtube Videos, Gaming Puzzle activity ,Think pair and share activity | <https://drive.google.com/file/d/1kMU3clbx2j5y_pVoBtH4Z-ui2yzzJt_8/view?usp=sharing> |
| 4. | Ms Ashwini Katkar | Computer Communication Networks | TE/Sem VI |  | Google Classroom:  <https://classroom.google.com/c/NDU1ODU2ODAwNzYx?cjc=asc4g6k> |
| Optical Communication | BE/Sem VII | Word Scrambler | <https://docs.google.com/document/d/1szbFQCwr7eXy8rp4gi6p0HClD4HsCJ1v/edit?usp=sharing&ouid=105452458960060717920&rtpof=true&sd=true> |
|  | Basic Electrical Engineering | FE/SemI |  | Google Classroom:  <https://classroom.google.com/c/NDU1ODU2ODAwNzYx?cjc=asc4g6k> |
| 5. | Mrs. Neha Gharat | Microwave Engineering | BE/VII | Flipped Classroom  (Design of Impedance matching network) | <https://drive.google.com/file/d/1Gtu2gSxSIn7xkdHZ9M6UxUI0lTzfXYO5/view?usp=sharing> |
|  | RF design | BE/VII | Flipped Classroom  (Design of Low noise RF amplifier) | <https://drive.google.com/file/d/1XBHJIqJ_kK7vw8Y38joHIITdF5C3GvZx/view?usp=sharing> |
|  | RF design | BE/VII | Flipped Classroom  (Design of RF oscillator) | <https://drive.google.com/file/d/1xJeh3omHC1OYHFhcbyPbr-OEFVDyF16z/view?usp=sharing> |
| 6. | Shraddha Gosavi | Database Management System | TE/VI | PPT, Notes related to course shared, online quizzes conducted | <https://classroom.google.com/c/NDUyNjI1MDk3MjQ3?cjc=ej6bdvx> |
| Basic Electrical Engineering | FE/I | PPT, Online quizzes, assignments and sharing notes, Crossword Puzzle. | <https://classroom.google.com/c/NDUwNDc2NzY1OTc2?cjc=lfbpes7> |
| Mini Project/Major Project | SE/TE/BE | Project presentation and giving them inputs to enhance their project, encourage them for innovative project ideas | Mini Projects:  <https://classroom.google.com/c/MzcyNDU4ODk3MDUx?cjc=x4dtxxc> |
| 7. | Trupti Shah | Discrete  Time  Signal  Processing | TE/V | Industry Expert Lecture  By Mr. Narendra Kale from N. N. Technology | [https://docs.google.com/document/d/1kBSGDQTa--rBa60](https://docs.google.com/document/d/1kBSGDQTa--rBa60D2Xj4Wd2jmawoROZOFrhXkjmF4oQ/edit)  [D2Xj4Wd2jmawoROZOFrhXkjmF4oQ/edit](https://docs.google.com/document/d/1kBSGDQTa--rBa60D2Xj4Wd2jmawoROZOFrhXkjmF4oQ/edit) |
| Image  Processing and  Machine  Vision | TE/ VI | Crossword Puzzle on Image Fundamentals | <https://docs.google.com/forms/d/1GygB7WF47A6L5qOrS8ZxFiw3dQQ_BOtSh9W8B_QVdX4/edit> |