| **Days** | **Content** |
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| Day 1 | * Introduction to PCB * Types of PCB * Types of PCB components * PCB manufacturing process * Introduction to some basic electronics components |
| * Installation of KiCad * Introduction to KiCad * Schematic diagram of PCB * Design of PCB layout * Practice question * Assessment |
| Day 2 | * Basics of breadboarding * Circuit design on breadboard * Implementation of circuit on breadboard * Schematic diagram of circuit on KiCad * Assigning of footprints of components |
| * Design of PCB layout * Initiation of PCB fabrication * PCB cleaning * PCB printing * Assessment |
| Day 3 | * PCB etching * PCB drilling * Soldering of components on PCB |
| * Assessment * PCB designing assessment * Result announcement * Valedictory |

| Prepared By  Gourav Singh  EC – VII - Semester | Rahul Shrivastava  In-charge IoT CoE  Department of Electronics and Communication Engineering | Dr. Ravishankar Mishra  Prof & Head  Department of Electronics and Communication Engineering |
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