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|  | Program Schedule | |
|  | **24hr CODE-A-THON – Engineering Applications Using Python** | |
|  | **30th – 31st Jan 2023** | |
| **Day** | **Time** | **Session Planned** |
| Day 1 | 09:30 – 10:00 | Registration |
| Day 1 | 10:00 - 10:15 | Inaugural |
| Day 1 | 10:15 -11:15 | Python Basics |
| Day 1 | 11:15 -11:30 | Break |
| Day 1 | 11:30 - 01:00 | Data Processing and Data Visualization Using – Pandas, Numpy |
| Day 1 | 01:00 - 02:00 | Lunch Break |
| Day 1 | 02:00 - 03:00 | Data Processing and Data Visualization Using –Matplotlib |
| Day 1 | 03:00 - 05:00 | Python Package – TK Inter |
| Day 1 | 05:00 - 05:30 | Break |
| Day 1 | 05:30 - 06:30 | [**Project 1:**Text to speech Conversion](https://circuitdigest.com/microcontroller-projects/control-raspberry-pi-gpio-with-telegram) |
| **Project 2:** Password Generation |
| Day 1 | 06:30 - 07:30 | Batch Formation |
| Day 1 | 07:30 - 8:30 | **Task 1:** Sharpen your brains |
| Day 1 | 08:30 - 09:30 | Dinner |
| Day 1 | 09:30 - 10:30 | Idea submission CODE-A-THON |
| Day 1 | 10:30 - 12:00 | CODE-A-THON Begins |
| Day 2 | **12:00 - 12:30** | **Review - 01** |
| Day 2 | 12:30 - 02:00 | CODE-A-THON Continue |
| Day 2 | 02:00 - 02:15 | Tea Break |
| Day 2 | **02:15 – 2:45** | **Review - 02** |
| Day 2 | 02:45 - 4:00 | CODE-A-THON Continue |
| Day 2 | 04:30 -5:00 | Idea Updating |
| Day 2 | 05:00-06:00 | Hackathon Continue |
| Day 2 | **06:00-06:30** | **Review - 03** |
| Day 2 | 06:30-07:00 | Results & Certificate Distribution |
| Day 2 | 07:00-7:30 | Valedictory |