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#### School of Electronics Engineering (SENSE)

### B. Tech – Electronics & Communication Engineering (ECE)/

### B.Tech - Electronics & Computer Engineering (ECM)

**Log Book for Daily Activity during Industrial Internship**

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| **Day/Date** | **Activity performed**  **(Description of daily activity in the company)** | **Signature of the Mentor in the Company** |
| Day 1: 21/08/2023 | Data Collection and Preprocessing |  |
| Day 2: 22/08/2023 | Data Collection and Preprocessing |  |
| Day 3: 23/08/2023 | Data Collection and Preprocessing |  |
| Day 4: 24/08/2023 | Data Collection and Preprocessing |  |
| Day 5: 25/08/2023 | Data Collection and Preprocessing |  |
| Day 6: 26/08/2023 | Data Collection and Preprocessing |  |
| Day 7: 27/08/2023 | Data Collection and Preprocessing |  |
| Day 8: 28/08/2023 | Loading Data and Forming Dataframe |  |
| Day 9: 29/08/2023 | Loading Data and Forming Dataframe |  |
| Day 10: 30/08/2023 | Loading Data and Forming Dataframe |  |
| Day 11: 31/08/2023 | Loading Data and Forming Dataframe |  |
| Day 12: 01/09/2023 | Loading Data and Forming Dataframe |  |
| Day 13: 02/09/2023 | Loading Data and Forming Dataframe |  |
| Day 14: 03/09/2023 | Loading Data and Forming Dataframe |  |
| Day 15: 04/09/2023 | Model Searching and Selection |  |
| Day 16: 05/09/2023 | Model Searching and Selection |  |
| Day 17: 06/09/2023 | Model Searching and Selection |  |
| Day 18: 07/09/2023 | Model Searching and Selection |  |
| Day 19: 08/09/2023 | Model Searching and Selection |  |
| Day 20: 09/09/2023 | Model Searching and Selection |  |
| Day 21: 10/09/2023 | Model Searching and Selection |  |
| Day 22: 11/09/2023 | Training the Model using Python Packages |  |
| Day 23: 12/09/2023 | Training the Model using Python Packages |  |
| Day 24: 13/09/2023 | Training the Model using Python Packages |  |
| Day 25: 14/09/2023 | Training the Model using Python Packages |  |
| Day 26: 15/09/2023 | Training the Model using Python Packages |  |
| Day 27: 16/09/2023 | Training the Model using Python Packages |  |
| Day 28: 17/09/2023 | Training the Model using Python Packages |  |
| Day 29: 18/09/2023 | Evaluating the Model |  |
| Day 30: 19/09/2023 | Evaluating the Model |  |
| Day 31: 20/09/2023 | Evaluating the Model |  |
| Day 32: 21/09/2023 | Evaluating the Model |  |
| Day 33: 22/09/2023 | Evaluating the Model |  |
| Day 34: 23/09/2023 | Evaluating the Model |  |
| Day 35: 24/09/2023 | Evaluating the Model |  |
| Day 36: 25/09/2023 | Class Imbalance Handling |  |
| Day 37: 26/09/2023 | Class Imbalance Handling |  |
| Day 38: 27/09/2023 | Class Imbalance Handling |  |
| Day 39: 28/09/2023 | Class Imbalance Handling |  |
| Day 40: 29/09/2023 | Class Imbalance Handling |  |
| Day 41: 30/09/2023 | Class Imbalance Handling |  |
| Day 42: 01/10/2023 | Class Imbalance Handling |  |
| Day 43: 02/10/2023 | Post-processing after Model Prediction |  |
| Day 44: 03/10/2023 | Post-processing after Model Prediction |  |
| Day 45: 04/10/2023 | Post-processing after Model Prediction |  |
| Day 46: 05/10/2023 | Post-processing after Model Prediction |  |
| Day 47: 06/10/2023 | Post-processing after Model Prediction |  |
| Day 48: 07/10/2023 | Post-processing after Model Prediction |  |
| Day 49: 08/10/2023 | Post-processing after Model Prediction |  |
| Day 50: 09/10/2023 | Doing the final checks before deployment |  |
| Day 51: 10/10/2023 | Doing the final checks before deployment |  |
| Day 52: 11/10/2023 | Doing the final checks before deployment |  |
| Day 53: 12/10/2023 | Doing the final checks before deployment |  |
| Day 54: 13/10/2023 | Doing the final checks before deployment |  |
| Day 55: 14/10/2023 | Doing the final checks before deployment |  |
| Day 56: 15/10/2023 | Doing the final checks before deployment |  |
| Day 57: 16/10/2023 | Deploying the AI Model for Image Detection |  |
| Day 58: 17/10/2023 | Deploying the AI Model for Image Detection |  |
| Day 59: 18/10/2023 | Deploying the AI Model for Image Detection |  |
| Day 60: 19/10/2023 | Deploying the AI Model for Image Detection |  |
| Day 61: 20/10/2023 | Deploying the AI Model for Image Detection |  |
| Day 62: 21/10/2023 | Deploying the AI Model for Image Detection |  |

**Signature of the Student**