**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**Work Integrated Learning Programs Division**

**II SEMESTER 24-25**

DSECLZG628T / AIMLCZG628T**DISSERTATION**

**(Final Evaluation Sheet)**

**NAME OF THE STUDENT: AMIT KUMAR**

**ID NO.                        : 2023AA05751**

**Email Address            :** [**2023AA05751@wilp.bits-pilani.ac.in**](mailto:2013ht13433@wilp.bits-pilani.ac.in)



**NAME OF THE SUPERVISOR: Amit Kumar Keshri**



**PROJECT TITLE                : ML-Based Intelligent Fault Detection and Prediction in Elevator Door Operation Using OpMode and Sensor Data**

***(Please put a tick (α ) mark in the appropriate box)***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Criteria** | **Excellent** | **Good** | **Fair** | **Poor** |
| 1 | Work Progress and Achievements |  |  |  |  |
| 2 | Technical/Professional Competence |  |  |  |  |
| 3 | Documentation and expression |  |  |  |  |
| 4 | Initiative and originality |  |  |  |  |
| 5 | Punctuality |  |  |  |  |
| 6 | Reliability |  |  |  |  |
|  | **Recommended Final Grade** |  |  |  |  |

EVALUATION DETAILS

|  |  |  |  |
| --- | --- | --- | --- |
| **EC No.** | **Component** | **Weightage** | **Marks Awarded** |
| 1 | Dissertation Outline | 10% |  |
| 2 | Mid-Sem Progress                                        Seminar                                        Viva                                        Work Progress | 10%   5%  15% |  |
| 3 | Final Seminar/Viva | 20% |  |
| 4 | Final Report | 40% |  |
| **Total out of** | | 100% |  |

Note : Mark awarded should be in terms of % of weightage ( consider 10% weightage as 10 marks)

|  |  |  |
| --- | --- | --- |
|  | **Organizational  Mentor** |  |
| **Name** | **Amit Kumar Keshri** |  |
| **Qualification** | *MBA :-XLRI Jamshedpur 20+ years of experience* |  |
| **Designation  & Address** | **Designation** :- Sr Technology Manager **Address** :- Flat No-311, B6, My Home Mangala, Kondapur, Hyderabad. |  |
| **Email Address** | Amit.Keshri@otis.com |  |
| **Signature** |  |  |
| **Date** |  |  |

NB: Kindly ensure that recommended final grade is duly indicated in the above evaluation sheet.

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI**

**II SEMESTER 24-25**

DSECLZG628T **/ AIMLCZG628T DISSERTATION**

**Dissertation Outline (Abstract)**

**BITS ID No.\_2023AA05751\_ Name of Student :\_\_\_AMIT KUMAR\_\_\_\_\_\_\_**

**Name of Supervisor:** \_\_\_\_\_\_\_Amit Kumar Keshri\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Designation of Supervisor**: Senior Technology Manager\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Qualification and Experience:** *MBA :-XLRI Jamshedpur 20+ years of experience*

**Official E- mail ID of Supervisor: \_\_\_\_\_\_Amit.Keshri@otis.com\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Topic of Dissertation**: ML-Based Intelligent Fault Detection and Prediction in Elevator Door Operation Using OpMode and Sensor Data

(Signature of Student) (Signature of Supervisor)

Date: Date:

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI**

**CERTIFICATE**

This is to certify that the Dissertation entitled: **ML-Based Intelligent Fault Detection and Prediction in Elevator Door Operation Using OpMode and Sensor Data**

and submitted by Mr. **AMIT KUMAR**  ID No. **2023AA05751**

in partial fulfillment of the requirements of DSECLZG628T / AIMLCZG628T Dissertation, embodies the work done by him under my supervision.

Signature of the Supervisor

                                      Name: Amit Kumar Keshri

Place: \_\_\_\_\_\_\_\_\_\_\_\_\_\_                                           Designation: Sr. Technology Manager

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_