



Chandrabindu

Rail System & Communication Engineering (ECE)

National Rail & Transportation Institute

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2080016

B.Tech

Male

21/08/2002

Examination	University	Institute	Year	CPI/%
Graduation	NRTI	NRTI	2020-24	8.68
Intermediate/+2	BSEB	Sadanand College	2017-19	81.00%
Matriculation	CBSE	Manas Bhumi Sr. Secondry School	2017	9.80

WORK EXPERIENCE & INTERNSHIPS

- **Flaws and Failure of Braking System | Summer Intern | NHSRCL** (June'22-july'22)
 - Analysis of different types of Braking System
 - Analyse the failure from the onsite data
 - Study conventional brake failure
- **FIBA Failure Analysis | Summer Intern | Indian Railway** (July'21-Aug'21)
 - Analyse Reasons of FIBA failures
 - Analyse on find possible solutions
 - Created **3D Model** of Underframe of LHB Coach

KEY PROJECTS

- **CHATBOT | Prof. Dr. Niladri Chatterjee IIT-Delhi** (Feb'23-Currently)
 - AI generated general query response system
 - using Pandas, Numpy, NLTK, Scikit-learn, Tensorflow
- **3D Model of LHB Coach Underframe | Sr. CDO Ashok Kumar (RNCC Depot, DNR)** (July'21-Aug'21)
 - Build a 3D model of LHB Coach Underframe using **Autodesk Inventor Professional**
 - Measurement are based on the onsite analysis of coach
 - Analysis and visualisation are done on routine basis

OTHER PROJECTS

- **Auto Login Using Python and Selenium | Self** (July'22-Aug'22)
 - Login automotically to check the 10th board result
 - Inputs are roll number and school code
 - just by specifying the range of DOB it will check all the dates automotically

TECHNICAL SKILLS

- **Programming Languages:** C++ | Python | MATLAB | Assembly | BASH
- **Software & Other Lib:** C++ STL | Linux | Git | Github | Selenium | Inventor Professional | MS Office

PROFESSIONAL DEVELOPEMENT

- **Key Courses:** Data Structures and Algorithms | Computer Networks | Artificial Intelligence & Machine Learning | Big Data & Analytics | Embedded Systems | Control System
- **Online Courses:** Introduction To **Probabilty & Statistics** - NPTEL | Computer Architecture and Orginization - NPTEL | Semiconductor Devices - NPTEL
- **Management Courses :** Project Management | Design Thinking | Leadership-Managing Others | Critical Thinking & Writing | Communication & Storytelling
- **Non-techincal skill:** Teamwork | Leadership | Problem Solving | Marathon Runner

POR & EXTRA CURRICULAR

- Volunteered in College Annual Fest 'AGNEE'