



Nutesh Kumar Sahu
MTech Cyber Security
Indian Institute of Technology Delhi

New Delhi
Phone - 7089126243
Email - snutesh@gmail.com

Examination	University/Board	Institute	Year	CPI/%
Post Graduation	IIT Delhi	IIT Delhi	2021-23	-
Graduation	CSVТУ	GEC Raipur	2016-20	8.58
Intermediate/+2	CBSE	JNV Raipur	2015	84.20
Matriculation	CBSE	JNV Raipur	2013	10.00

B.TECH PROJECT

- **Rice Leaf Disease Detection using Deep Learning** (Sep'19-Apr'20)
 - A classification model based on deep learning which categorize the diseases commonly found in rice leaf using captured images of leaf. We used CNN to process the image data.

COURSE PROJECTS

- **Suicidal Ideation Detection in Online User Content**, (ELL 880)
 - Social Network Analysis of suicidal post on Reddit using NetworkX and classification of provoker and helper using text analysis and Random Forest Classifier
- **Branch Predictor using Java**, (SIL 618)
 - Developed a Pipeline Branch Predictor, achieved an accuracy of 96%
- **Hill Cipher**, (COL 759)
 - Implemented Hill cipher encryption, decryption and analysis using Python
- **RSA Public Key Infrastructure**, (COL 759)
 - Developed a PKI based on RSA and implemented RSA digital signature with CA

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C, Python
- **Tools & Libraries:** Jupyter Notebook, L^AT_EX, Numpy, Pandas, Matplotlib, NetworkX, SciKit Learn

POR & EXTRA-CURRICULARS

- Teaching Assistant for the course, COL 733 : Cloud Computing Technology and Fundamentals
- Teaching Assistant for the course, NIN 100 : Introduction to Engineering