

PRABHAT DAS

Po.Rowriah Choliah Das Colony
Opp of CRPF Camp 119BN
Jorhat-04,Assam

Email: prabhatdash0376@gmail.com

Contact no: +91-8749877145

<https://www.prabhatdas.site>



Educational Qualification:

Degree/Qualification	Institution	Year	Research Area
Ph.D. (IT) (Pursuing)	The Assam Kaziranga University	2020- Current	Unsupervised Learning and IoT
Int. B.Sc.-M.Sc. (IT)	The Assam Kaziranga University	2019	NA
AISSCE	Central Board of Secondary Education	2014	NA
HSLC	Secondary Education Board of Assam (SEBA)	2012	NA

Work Experience:

Position	Organization	Duration
Teaching Assistant	Department of Computer Science and Engineering, Adamas University	2023 – Present
Post Graduate Teacher (Informatics Practices)	Army Public School, Jorhat	November 2019 – February 2023
ERP-Executive	Kaziranga University	July 2019 – November 2019
Trainee Software Developer	Sanatan Digitizers	January 2019 – June 2019
Completed Internship	Tezpur University (a Central University)	June 2017 – July 2017

Publication Details:

- **Sinha, Samjukta, Prabhat Das, Amitava Basu Mallick, and Manojit Ghosh.** "Machine Learning-Based Regression Modelling for Yield Strength Prediction in TWIP Steel." ICDMAI
- **Adhikari, B., Das, P. & Chakraborty, B.** "Comparative Analysis of Different Generative AI Models For Scholarly Articles on Blockchain Technology", ICDMAI.
- **Pal, Avijit, Rajan Verma, Pritam Mandal, Prabhat Das, Snehanshu Pal, and Manojit Ghosh.** "Prediction of Lankford Constant from the Composition and Processing Parameters of High-Strength DP Steel Using Machine Learning." 39th Indian Engineering Congress, 20-22 Dec. 2024, Kolkata.
- **Sinha, Samjukta, and Prabhat Das.** "From Data to Design: Random Forest Regression Model for Predicting Mechanical Properties of Alloy Steel", *Fundamental Frontiers: Expanding Core Sciences*, ISBN: 978-93-91883-69-0 (Book Chapter).
- **Prabhat Das, Dibya Jyoti Bora,** "IoT Data Analysis Using Different Clustering Algorithms: A Survey", *2022 ECS Trans.*, 107, 5721. [DOI: 10.1149/10701.5721ecst](https://doi.org/10.1149/10701.5721ecst)
- **Prabhat Das, Dr. Dibya Jyoti Bora,** "A Smart IoT System For Sustainable Development", *International Conference on Environment and Sustainable Development (ICESD 2022)*, North-Eastern Hill University, Tura Campus, Meghalaya.
- **Prabhat Das, Dr. Dibya Jyoti Bora,** "AI-Based Technique for Better Sustainable Development of India's Smart Cities Mission", *International Conference on Environment and Sustainable Development (ICESD 2022)*, North-Eastern Hill University, Tura Campus, Meghalaya.

Intellectual Property Rights (IPR)

1. **CogniTrack: Innovative Attendance Management System with Real-Time Student Count and Percentage Analytics**
 - **Type:** Computer Software Work (Copyright)
 - **Diary Number:** 5923/2024-CO/SW (Registered)
2. **OutlierIQ: A Web Application for Detection of Anomalies in IoT Data Using Clustering Technique**
 - **Type:** Computer Software Work (Copyright)
 - **Diary Number:** 16709/2024-CO/SW (Applied)
3. **Voice-Controlled Device for Playing Vedic Scripture Audio for Visually Impaired Users, and Method Thereof**
 - **Type:** Indian Patent
 - **Application Number:** 202531001347 (Applied)

Projects:

Academic Projects

1. **DDoS Attack Detection Using Self-Similarity Approach**
2. **IoT-Based Smart Health Care Monitoring System**
3. **Attendance Management System**
4. **ScrapIT: An Automated Web App for Web Scraping**
5. **Cluster Validation and Anomaly Detection Using Unsupervised Learning on IoT Dataset**
6. **Cognizant Learning: An AI-Based LMS**

Non-Academic Projects

1. **Web-Based Application for APS, Jorhat**
 - **Status:** Deployed and Running
 - **URL:** <https://www.apsjorhat.org>
2. **ERP for an Educational Institution**
3. **The College Automation System for Majuli College**
 - **Status:** Deployed and Running
4. **Automated Examination System**
5. **E-Certificate Generation System**
6. **OMR-Based Examination System**
7. **Tourism Web Application**
 - **Status:** Deployed and Running
 - **URL:** <https://www.love2tour.com>
8. **Recruiting and Job Advertisement Web Application**
 - **Status:** Deployed and Running
 - **URL:** <https://pinnacleglobalworld.com>

Training and Workshops (Attended):

- FDRRC Workshop on Computer Science by AWES.
- CBSE Workshop on Python Programming.
- Attended a workshop on Recent Trends in Machine Learning and Soft Computing organized by NIT (Durgapur)
- Attended a workshop on Start Up India organized by Kaziranga University.
- Participated in the Industrial Training Program on JAVA organized by School of Computing Sciences, Kaziranga University.

Training and Workshops (Conducted):

- Conducted 3 Days Workshop on Advance Java for SCS (School of Computing Sciences), Kaziranga University
- Conducted Student Development Program for SCS (School of Computing Sciences), Kaziranga University.
- Conducted In Service Training 2020-21, 2021-22, 2022-23 on Google Workspace and Impact of AI in Education at Army Public School Jorhat
- Conducted Workshop on Secure Web Design during Talent Tantra 2020, Kaziranga University

Achievements:

- Anundoram Borooh Award 2012.
- Presented a paper in the workshop jointly organized by ISOC Kolkata Chapter, Kolkata and Kaziranga University, Jorhat, Assam.
- Certificate of Appreciation for outstanding contribution in Talent Tantra 2017 as a volunteer.
- Certificate of Appreciation for developing The College Automation System for Majuli College.
- Mentor of Smart India Hackathon 2024, Winning Team (Team Agridrive, Adamas University)

Academic / Non-Academic Responsibilities:

- Class Coordinator B.Tech. (CSE) 2023-2027 | Section C, Adamas University
- Head of the Department (CS/IT) (2019-2023) - Army Public School Jorhat
- Cyber Security In-Charge (2019-2023) – Army Public School Jorhat
- Social Media In-Charge (2019-2023) – Army Public School Jorhat
- Website Developer and In-Charge (2019-2023) - Army Public School Jorhat
- Administrator of Google Workspace and Online Classes (2020-2023) – Army Public School Jorhat
- In-Charge of AI and Robotics Lab (2021-2023) – Army Public School Jorhat
- NAS 2021 Observer.
- CBSE AISSCE-Practical 2021,2022 External Examiner
- CBSE AISSCE 2022 Evaluator