



অসম দক্ষতা বিশ্ববিদ্যালয়

## Assam Skill University

(A State University established under Assam Act No. IX of 2020)

[Recognised Under Section 2(f) of the UGC Act, 1956]

[AICTE Approved Id – 1-44753529533 and HEI Code - U-1372]

Ref. No.: ASU/IT/HoD/2025-26/20/a

Date: 26-05-2026

### Department of Information Technology

#### Assam Skill University

##### List of Applicants for Internship in Machine Learning

Sl. No.	Name	Gender	Affiliated Organization	Shortlisted/Not Shortlisted	Hostel Accommodation	Internship Venue	Remarks
1	SPANDITA DAS	FEMALE	Sikkim Manipal Institute of Technology, Sikkim	Shortlisted	No	Venue 2	
2	ANTARIKHYA TONROY BORA	MALE	Assam Engineering College, Guwahati	Shortlisted	No	Venue 2	
3	SANGKHARAJ SAIKIA	MALE	Assam Engineering College, Guwahati	Shortlisted	No	Venue 2	
4	LATESWAR MORAN	MALE	Assam Engineering College, Guwahati	Shortlisted	No	Venue 2	
5	ARCHANA MAHANTA	FEMALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
6	HIMANGSHU KEOT	MALE	Rajiv Gandhi Institute of Petroleum Technology, Sivasagar	Shortlisted	Yes	Venue 1	
7	NISHRIT KASHYAP	MALE	Rajiv Gandhi Institute of Petroleum Technology, Sivasagar	Shortlisted	No	Venue 1	
8	YUVRAJIT BARUAH	MALE	Rajiv Gandhi Institute of Petroleum Technology, Sivasagar	Shortlisted	Yes	Venue 1	
9	JYOTIRMOY HAZARIKA	MALE	Assam Engineering College, Guwahati	Shortlisted	No	Venue 1	
10	SANJANA PASWAN	FEMALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
11	AMISHA ROY	FEMALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
12	ANINDITA DEVI	FEMALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
13	DAISY BARUAH	FEMALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
14	CHINMOY BARUAH	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 1	
15	ADITYA BARUA	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
16	DEVASHIS DAS	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	Venue not selected
17	KAMANA	FEMALE	Assam Don Bosco University Azara	Shortlisted	No	Venue 1	
18	NITIN KUMAR MAJKOTI	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
19	DIGBIJOY ROUT	MALE	Dhemaji Engineering College, Dhemaji	Shortlisted	No	Venue 2	
20	DEBASISH KASHYAP	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
21	PRIYANGSHU SARMAH	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
22	PRATYUSH BIKASH CHOUDHURY	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
23	ANURAAG ANAN SARMA	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
24	CHINMOY KALITA	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
25	KOUSHIK BHATTACHARYYA	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
26	NISHITA SARMA	FEMALE	Assam Don Bosco University, Azara	Shortlisted	No	Venue 1	

Address: Bidya Nagar, Gerimari, Mangaldai, District: Darrang, Assam, Pin-784125

Website- [www.asu.ac.in](http://www.asu.ac.in) : Email- [contact@asu.ac.in](mailto:contact@asu.ac.in)



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27	JESSICA NARZARY	FEMALE	Assam Don Bosco University, Azara	Shortlisted	No	Venue 1	
28	SHAPTARSHI DEBNATH	FEMALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
29	PARIMITA DAS	FEMALE	Assam Don Bosco University, Azara	Shortlisted	No	Venue 1	
30	FEBRINA RONGHANGPI	FEMALE	Dhemaji Engineering College, Dhemaji	Shortlisted	No	Venue 2	
31	MARY BORO	FEMALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	Venue not selected
32	PRIYANKA GOGOI	FEMALE	Dhemaji Engineering College, Dhemaji	Shortlisted	No	Venue 2	
33	SANTADEEPA CHAKRABARTY	FEMALE	Dhemaji Engineering College, Dhemaji	Shortlisted	No	Venue 2	
34	BOBY DUTTA	FEMALE	Dhemaji Engineering College, Dhemaji	Shortlisted	No	Venue 2	
35	ADAMS RABIUL	MALE	Dhemaji Engineering College, Dhemaji	Provisionally Shortlisted	No	Venue 2	ID card needs to submitted, Venue not selected
36	NAIYATRI DEB	FEMALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
37	KRITARTHA KAKATI	MALE	Sikkim Manipal Institute of Technology, Sikkim	Shortlisted	No	Venue 1	
38	BIDISHA SARMA	FEMALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
39	GEETOMJAY BHARADWAJ	MALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
40	KRITIKA NATH	FEMALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
41	KANGKANA LEEZA NATH	FEMALE	Girijananda Choudhary University, Guwahati	Shortlisted	No	Venue 2	
42	SILPI SIKHA SARMA	FEMALE	Mangaldai College, Mangaldai	Shortlisted	Yes	Venue 1	
43	NIJORA BEGUM	FEMALE	Mangaldai College, Mangaldai	Shortlisted	Yes	Venue 1	
44	DARSAN JYOTI SARMAH	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
45	HASIBUL JAMAN	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
46	AJMIN NARGIS	FEMALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
47	HIMANJALI DEKA	FEMALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
48	ASHMA HAZARIKA	FEMALE	Assam Down Town University, Guwahati	Shortlisted	No	Venue 2	
49	BELISHA KINGKARI HAZARIKA	FEMALE	Assam Down Town University, Guwahati	Shortlisted	No	Venue 2	
50	SUMIT SAIKIA	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
51	IFTIKAR ZAMAN	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
52	GOURAB CHETRY	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	

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Sl. No.	Name	Gender	Affiliated Organization	Shortlisted/Not Shortlisted	Hostel Accommodation	Internship Venue	Remarks
53	EYAKUB ALI	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
54	ROHIT DAS	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
55	YUVARAJ DEKA	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
56	EMON RESWAM	MALE	Mangaldai College, Mangaldai	Provisionally Shortlisted	No	Venue 1	ID Card need to submit
57	ABU ADIL	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
58	ARNAB KALITA	MALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 2	
59	RAJARSHI PARASHAR	MALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
60	KULDIP DEKA	MALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
61	BEDABRAT NATH	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
62	ABU TAHER ALI	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
63	SANIDUL HOQUE	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
64	NILUPAM DEKA	MALE	Lalit Chandra Bharali College, Guwahati	Provisionally Shortlisted	No	Venue 1	Proper HoD forwarding letter need to submit
65	BISHAL DEKA	MALE	Lalit Chandra Bharali College, Guwahati	Shortlisted	No	Venue 1	
66	ABHIJIT KOCH	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
67	BIDISHA BIRINA KASHYAP	FEMALE	PCPS Girls' Polytechnique, Guwahati	Shortlisted	No	Venue 1	
68	RITIKA DAS	FEMALE	PCPS Girls' Polytechnique, Guwahati	Provisionally Shortlisted	No	Venue 1	HoD forwarding letter need to be submit
69	ALISHMITA NATH	FEMALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
70	PRAKASH MURMU	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
71	ABHOY BORO	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
72	DEEPIYOTI BORO	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
73	RAJ KISHOR DEKA	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
74	BISHAL DEKA	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	
75	AJAY SARKAR	MALE	Mangaldai College, Mangaldai	Shortlisted	No	Venue 1	

**Venue 1:** Assam Skill University Mangaldai Campus, Mangaldai.

**Venue 2:** Assam Skill University City Campus, Inside ITI Guwahati, Birubari, Guwahati.

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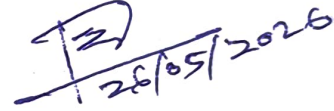
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## Instructions to the Applicants:

1. Internship commencement date for Venue 1: July 1, 2026 onwards
2. Internship commencement date for Venue 2: July 1, 2026 onwards
3. Reporting Time for Internships: 9 AM onwards
4. Those who are provisionally shortlisted need to produce relevant documents mentioned in remarks column at [s.das@asu.ac.in](mailto:s.das@asu.ac.in) by 10-06-2026.
5. For any query contact details:  
Venue 1: Dr. Sujit Kumar Das (8486378025), Mr. Bijay Kumar Singh (9401379674)  
Venue 2: Mr. Biplav Sarma (9435439471), Ms. Barshneya Talukdar (9707812280)
6. There is **NO HOSTEL ACCOMODATION** facility at **Venue 2**. The applicants who have requested hostel accommodation at **Venue 1** need to pay fee for hostel seat and food as per university norms at the time of reporting.
7. Syllabus for the Internship is attached as Annexure-I.

  
26/05/2026

**Prof. (Dr.) Manoj Kumar Deka**

HoD, Department of IT, ASU

## Copy To:

1. PS to Hon'ble Vice Chancellor, ASU -for kind information of Hon'ble Vice Chancellor, ASU
2. PS to Registrar, ASU- for kind information of Registrar, ASU
3. Dean Academics
4. Programme cum System Analyst ASU- for upload on the ASU University Website.
5. Department Notice Board
6. Office File



**Internship July-2026**  
**Department of Information Technology**  
**Assam Skill University, Mangaldai**  
**Syllabus for Machine Learning Internship**

**Annexure - I**

**Topics to Covers:**

Introduction of Internship, Fundamentals of Machine Learning, Prepare the Data for Machine Learning Algorithms. Exploratory Data Analysis with dataset examples, Working Principle of Linear Regression and multiple linear regression: Solve a simple linear and multiple linear regression problem using suitable dataset examples. Unsupervised Machine Learning, Clustering, Application area of clustering concept, K-means clustering, Implement K-means with suitable dataset examples. Introduction of Classification Problem, Types of Classification, Performance Measures, Training K-Nearest Neighbors Classification Techniques for Binary Classification with suitable Dataset examples. Bayes Theorem, Naive Bayes Classification Algorithm for Binary Classification Problem with Suitable Dataset Examples. Working principle of Support Vector Machine classifier, Implementation of Support Vector Machine for Multiclass Classification problem with a suitable Dataset. Introduction to Artificial Neural Network, Perceptrons, Activation Function, Back Propagation, Loss Functions, Optimizers, and Designing and Training an Artificial Neural Network. Artificial Neural Network model creation, Training, and evaluation of the model for a binary classification task with a suitable dataset example.

**Home Assignment/ Project Work:**

1. A financial analyst working for an investment firm wants to forecast stock prices to guide trading strategies. Given a historical stock market dataset containing features such as opening price, closing price, volume, and other technical indicators, how can we perform exploratory data analysis, apply suitable preprocessing steps, train regression models, and evaluate their performance to accurately predict future stock prices? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing, Regression Model Training, and Evaluation of the model for Stock Price prediction.
2. An educational institution aims to identify the key factors influencing student academic performance to provide timely interventions. Given a dataset containing student demographic, academic, and behavioral attributes, how can we use exploratory data analysis, preprocessing techniques, and regression modeling to predict final exam scores

and evaluate the model's accuracy in a real-world academic setting? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, Regression Training, and Evaluation of the model for Student Performance prediction.

3. A real estate investment firm wants to understand the factors influencing housing prices in Boston to make informed property investment decisions. Given a dataset containing various socio-economic and housing-related features, how can we use exploratory data analysis, appropriate preprocessing, and regression modeling to accurately predict house prices and evaluate the model's performance for real-world use? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, Regression Training, and Evaluation of the model for Boston House Price prediction.
4. Given a dataset of Iris flower measurements without species labels, how can an unsupervised clustering approach help a botanist group similar flowers together, and how accurately do these clusters reflect the actual biological species? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve the clustering problem on Iris Dataset for different flowers.
5. Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve the clustering problem on the Wine dataset. These data are the results of a chemical analysis of wines grown in the same region in Italy but derived from three different cultivars. The analysis determined the quantities of 13 constituents found in each of the three types of wines.
6. You own a supermarket mall and through membership cards, you have some basic data about your customers like Customer ID, age, gender, annual income, and spending score. You want to understand the customers, like who the target customers so that a sense can be given to the marketing team and plan the strategy accordingly. Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve the clustering problem to segment the customers based on similarity.
7. In a historical analysis of the Titanic disaster, maritime safety researchers aim to understand the factors that influenced passenger survival. Given a dataset containing passenger demographics, ticket class, fare, and other onboard details, how can we perform exploratory data analysis, apply suitable preprocessing techniques, and develop a binary classification model to predict whether a passenger survived or not? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve the binary classification problem on the Titanic survival dataset.
8. A healthcare provider is seeking to improve the early detection of diabetes among patients. Given a dataset containing medical diagnostic measurements of female Pima Indian patients, such as glucose levels, BMI, blood pressure, and age, how can we perform exploratory data analysis, apply suitable preprocessing techniques, and build a binary classification model to predict whether a patient is likely to be diagnosed with diabetes? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve the binary classification problem on the Pima Indian Diabetes dataset.

9. A healthcare startup is developing an intelligent decision support system to assist physicians in prescribing the most suitable drug for patients based on clinical and physiological factors. Given a dataset with patient features such as age, sex, blood pressure, cholesterol levels, and sodium-potassium balance, how can we perform exploratory data analysis, apply appropriate preprocessing, and build a multiclass classification model to accurately predict the appropriate drug category for each patient? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve a multiclass classification problem on the drug classification dataset.
10. A financial institution wants to classify customers into multiple credit score categories to better assess risk and tailor loan offers. Given a dataset containing various customer financial and demographic features, how can we perform exploratory data analysis, apply suitable preprocessing, and design a Multi-Layer Perceptron (MLP) neural network to accurately classify credit score categories? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve a multiclass (good, poor, standard) classification problem by designing a multi-layer perceptron on the Credit Score Classification dataset.
11. How can we perform exploratory data analysis and preprocessing on clinical heart disease data to prepare it for modeling, and design a Multi-Layer Perceptron (MLP) model that accurately classifies patients as having heart disease or not? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve a binary (Yes or No) classification problem by designing a multi-layer perceptron on the heart disease prediction dataset.
12. How can exploratory data analysis and preprocessing be applied to the mushroom dataset to prepare it for machine learning, and how can we design a classification model to accurately predict whether a mushroom is edible or poisonous based on its features? Load the Dataset, perform Exploratory Data Analysis, suitable preprocessing steps, and solve a binary (Edible or Poisonous) classification problem by designing a multi-layer perceptron on the heart disease prediction dataset.