



## Intel® Unnati Program

# Intel® Unnati Industrial Training Program 2024

### APPLICATION FORM

A unique opportunity for students from Indian Colleges and Universities to work for a month on industry-relevant problems using emerging technologies under the guidance of industry mentors.

Application Deadline: 13 May, 2024

## APPLICATION DETAILS ([Edit](#))

### INSTITUTION & NOMINATOR INFORMATION

Institution: Shah & Anchor Kutchhi Engineering College

Town/City: Mumbai

State: Maharashtra

Nominator: Dr. Saurabh Suman

Designation: Associate Professor and Internship Cell in charge



### MENTOR DETAILS

Mentor: Bhagyashree Sunil Patil

Department: Artificial Intelligence and Data Science

Designation: Assistant Professor

### APPLICANT DETAILS

Full Name: Ainul Shabbir Alam

Department: Computer Engineering

Semester: 5

Email ID: ainul.alam16808@sakec.ac.in

Phone No: 8652047846

### TEAM DETAILS

Team Size: 1

Team Name: NA

### PROBLEM STATEMENT PREFERENCE

Problem Statements as per your preference.

Problem Statement 1: Protecting User Password Keys at Rest (on the Disk)

Problem Statement 2: Protection of Passwords using SGX

Problem Statement 3: Running GenAI on Intel AI Laptops and Simple LLM Inference on CPU and fine-tuning of LLM Models using Intel® OpenVINO™

## View Problem Statements

Power Manager Telemetry

Integrated Common Services to Common People

Customized AI Kitchen for India

Introduction to GenAI and Simple LLM Inference on CPU and fine-tuning of LLM Model to create a Custom Chatbot

Cryptography Simulation with mbedTLS/OpenSSL Library Usage and User Interaction

GPS Toll-based System Simulation using Python

Innovative Monitoring System for TeleICU Patients Using Video Processing and Deep Learning

Vehicle Cut-in Detection

Detect Pixelated Image and Correct It

Develop a 2D Occupancy Grid Map for a Room using Overhead Cameras

Intel Products Sentiment Analysis from Online Reviews

Knowledge Representation and Insights Generation from Structured Datasets

Vehicle Movement Analysis and Insight Generation in a College Campus using Edge AI

Protection of Passwords using SGX

Protecting User Password Keys at rest (on the Disk)

Running GenAI on Intel AI Laptops and Simple LLM Inference on CPU and fine-tuning of LLM Models using Intel® OpenVINO™



Business Contract Validation -To Classify Content within the Contract Clauses and Determine Deviations from Templates and highlight them

For technical queries, please join: One of the Technical Forums

For program related queries, contact: support@unnatiindustrialtraining2024.com

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