

SMALL FINANCE BANK

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KLN COLLEGE OF ENGINEERING

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Eligibility Checker App for Govt Exams

**KLN COLLEGE OF ENGINEERING**  
 The Autonomous Institute of Higher Education  
**KLN INNOVATION AND RESEARCH PARK**  
 DEPARTMENT OF INFORMATION TECHNOLOGY

**ELIGIBILITY CHECKER APP FOR GOV. EXAMS**

OBJECTIVES	FLOW CHART	END USERS
<ul style="list-style-type: none"> <li>1. To provide a platform for students to check their eligibility for various government exams.</li> <li>2. To provide a platform for students to check their eligibility for various government exams.</li> <li>3. To provide a platform for students to check their eligibility for various government exams.</li> </ul>		<ul style="list-style-type: none"> <li>1. Students</li> <li>2. Faculty Members</li> <li>3. Examiners and Question setters</li> <li>4. Examiners and Officer - In-charge</li> </ul>

**Team Members**

- 1. Dr. S. Srinivasan
- 2. Dr. S. Srinivasan
- 3. Dr. S. Srinivasan
- 4. Dr. S. Srinivasan
- 5. Dr. S. Srinivasan
- 6. Dr. S. Srinivasan
- 7. Dr. S. Srinivasan
- 8. Dr. S. Srinivasan
- 9. Dr. S. Srinivasan
- 10. Dr. S. Srinivasan







EXHIBITION OF RESEARCH AND DEVELOPMENT PROJECTS  
FUNDING BY DEPARTMENT OF SCIENCE AND TECHNOLOGY - DST, GOVT. OF INDIA

Project No. DST/ST/001-12/004 (From 01.01.2012 to 31.03.2012)

Dr. S. Parthasarathy, Prof. E.S.R.  
C/o: P.O. Perambalur, Perambalur, AP - 521 001

Project No. DST/ST/001-12/004 (From 01.01.2012 to 31.03.2012)

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Dr. S. Parthasarathy, Prof. E.S.R.  
C/o: P.O. Perambalur, Perambalur, AP - 521 001



Please Drop Your Voting Card Here

PARATHASARETHA



**Objectives:**

- 1. Automate Employee Appraisals.
- 2. Data Management and Storage.
- 3. Automated Weekly Reporting.
- 4. Data Visualization and Analytics.
- 5. Customizable Performance Tracking.
- 6. Seamless User Experience.

**Tech Stack:**

- 1. Frontend & Backend: Dart using Flutter Framework
- 2. Database: MongoDB
- 3. Email Service: Nodemailer
- 4. Task Scheduling Library: node-cron
- 5. Excel File Generation Library: ExcelJS

**Applications:**

- 1. Employee Performance
- 2. Enables Automate
- 3. Facilitates Data
- 4. Customized Per
- 5. Improves Organ
- 6. Scalable for Large

**Users:**

- 1. Human Resources
- 2. Managers and Super
- 3. Company Executives
- 4. Employees
- 5. Performance Review Cr
- 6. Data Analysts

Team M





Sign VISION

COLLEGE OF ENGINEERING  
INNOVATION & RESEARCH PARK

Sign VISION

Department of CyberSecurity and CSE

Provide accurate and instant  
sign gestures into text and

SUSTAINABLE DEVELOPMENT

Users

- Deaf and Hard-of-hearing individuals
- Educators and students
- Older Adults and Healthcare Professionals
- Public Services

Our Clients

• Government of Karnataka  
• Government of Kerala  
• Government of Tamil Nadu

**K.L.N COLLEGE OF ENGINEERING**  
(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI)  
**K.L.N. INNOVATION & RESEARCH PARK (KLN.IRP)**

**HungerTreat**

**K.L.N. COLLEGE OF ENGINEERING**  
**K.L.N. INNOVATION & RESEARCH PARK (KLN.IRP)**  
Dept of Computer Science and Dept of CS (Cyber Security)

**HungerTreat**

Applications of HungerTreat  
HungerTreat பயன்பாடுகள்

Donors	Receivers
• மின்திரை மையங்கள் / Request Halls	• ஆதரவுமன்ற இயல்பு / Orphanages
• நிறுவனங்கள் / Organizations	• குறிமுக இயல்பு / Old age Homes
• குடும்பங்கள் / Families	• தன்னார்வ அமைப்புகள் / Charitable Trusts
• உணவகங்கள் / Restaurants	• உணவு வங்கிகள் / Food Banks
• மதுகடைகள் / Concessions	• திருவிழா இடங்கள் / Shelters
• திருவிழா / Weddings	• திருவிழா இடங்கள் / Event Venues
• திருவிழா / Event Venues	• திருவிழா இடங்கள் / Corporate Events

WEBSITE WORKS:

- மதுகடைகள் / Concessions
- திருவிழா / Weddings
- திருவிழா / Event Venues
- திருவிழா இடங்கள் / Corporate Events

Project A.T.L.A.S

K.L.N College of Engineering & K.L.N Innovation and Research Park  
Department of CSE (Cyber Security) & CSE

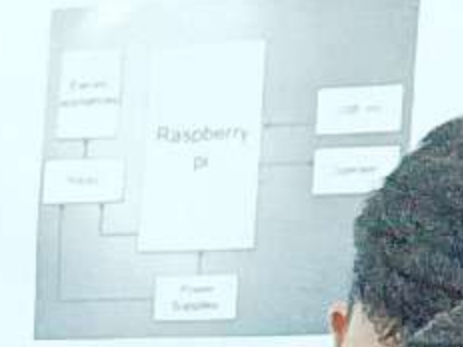
**PROJECT: A.T.L.A.S**  
**AUTONOMOUS TRUSTED LOCAL ACCESS SYSTEM**

Objective

Develop a local, internet-free voice-activated system for home appliance control with NFC security, smart conversions, and detailed power consumption ensuring power consumption and ensuring power consumption.

Technologies

- Rasp
- Micro
- Speak
- Python



SUSTAINABLE DEVELOPMENT GOALS

Applications

- Home Automation
- Disability Assistant
- Customizable Office Automation
- Control and Management of usage





ENGINEERING

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# KLN COLLEGE OF ENGINEERING

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**KLN COLLEGE OF ENGINEERING**  
**NEO-VR**

100

Applications

**KLN COLLEGE OF ENGINEERING**  
**KLN INNOVATION & RESEARCH PARK (KLNIRP)**

Applications

**KLN COLLEGE OF ENGINEERING**  
**KLN INNOVATION & RESEARCH PARK (KLNIRP)**

**GRADUATION**

**AUTONOMOUS**

Applications

- Home Automation
- Disability Assistants
- Customizable
- Office Automation
- Weather and
- Management of energy usage

**OBJECTIVES**

- To develop a user-friendly interface to create and integrate comprehensive database
- To assist individuals in checking their eligibility for government exams effortlessly

**APPICATIONS**

- Elderly Individuals
- Disabled people
- Tech Enthusiasts
- Energy Conscious Users
- Small Busi...

**KLN COLLEGE OF ENGINEERING**  
 (An Autonomous Institution Affiliated to Anna University, Chennai)  
**KLN INNOVATION AND RESEARCH PARK**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**ELIGIBILITY CHECKER APP FOR GOV. EXAMS**

**OBJECTIVES**

- To develop a user-friendly interface to create and integrate comprehensive database
- To assist individuals in checking their eligibility for government exams effortlessly

**FLOW CHART**

**END USERS**

- Students
- Job Seekers
- Parents and Guardians
- Educators and Career Counselors

**Team Members**

- V. S. Poornima shri
- A. Salvinia Jeslin
- S. Shilvani
- A. Theekaa

Scan QR code & drop your feedback

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 (AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI)  
**KLN INNOVATION AND RESEARCH PARK**

http://





Project Title: Employee Performance Analysis System

**Objectives:**

- 1. Automate Employee Appraisals.
- 2. Data Management and Storage.
- 3. Automated Weekly Reporting.
- 4. Data Visualization and Analytics.
- 5. Customizable Performance Tracking.
- 6. Seamless User Experience.

**Tech Stack:**

- 1. Frontend & Backend: Dart using Flutter Framework
- 2. Database: MongoDB
- 3. Email Service: Nodemailer
- 4. Task Scheduling Library
- 5. Excel File Generation

**Applications:**

- 1. Employee Performance
- 2. Enables Automation
- 3. Facilitates Data
- 4. Customized Reports
- 5. Improves Organization
- 6. Scalable for Large

**Users:**

- 1. Human Resources
- 2. Management

**Sample Pictures:**





SMARTWAY TO  
EFFICIENT SEWAGE  
COLLECTION

Developed Laser Land Levelling System

**DESIGN AND DEVELOPMENT OF SENSOR BASED SEWAGE BLOCK REMOVER AND MANAGEMENT SYSTEM**

Funded by: Department of Science And Technology - TDT/DBP - Scheme  
DST order No: DST/TDT/DBP-01/2018 (From 15/09/2018 to 15/03/2021)

PI: Dr. S. Parthasarathy, Prof / F.R.E.  
Co-PI: Prof. A. Natarajam, AP / Mech & Dr. D. Pradeep Kumar, Prof / F.R.E.

Sensor Arrangement @ Man Hole Control Panel Sewage Block Remover

SEWAGE SYSTEM MAN-HOLE LAYOUT

LIG Sewerage





### Our Objective

This system aims to provide accurate and instant translation of sign language gestures into text and speech.



### SUSTAINABLE DEVELOPMENT GOALS



### Applications

Various sectors may include:

- Communication
- Inclusive Classroom
- Television and Online
- Meetings and
- Doctor-Patient
- Emergency Situations
- Video Conferencing
- IoT enabled Smart

### Users

• Deaf and Hard-of-Hearing

Reach Us  
+91 9080493111  
irp@kln

## HungerTreat

உதவிக்கும் நேமைக்கும் இடம். உருகு பாலம்



### HUNGERTREAT



S.A. SHREKA (224004) -  
T.S. DHARSHINI (224131) -  
K.R. SRUTHI (227009) -

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irp@kln





aims to provide accurate and instant of sign language gestures into text and



**SUSTAINABLE DEVELOPMENT GOALS**



**Applications**

- Communication
- Inclusive Classrooms
- Television and Online Content
- Meetings and Conferences
- Doctor-Patient Communication
- Emergency Services
- Video Conferencing Platforms
- IoT enabled Smart Home Devices

**Users**

- Deaf and Hard-of-Hearing individuals
- Educators and Trainers
- Older Adults and Infants
- Healthcare Providers
- Public Service Workers

**Our Crew**

- Niharika.S [Cyber Security]
- Dhivya.S [CSE]
- Madhu Priyaa.S [CSE]

**Reach Out**  
+91 9080493957  
irp@klnce.edu

**HungerTreat**

**K.L.N. COLLEGE OF ENGINEERING**  
**K.L.N. INNOVATION & RESEARCH PARK (KLN.IRP)**  
Dept of Computer Science and Dept of CS (Cyber Security)

**HungerTreat**



CONTACT NO: +919080493957  
Email: irp@klnce.edu

**Applications of Hunger Treat**

Donors	Receivers
விருந்தினர் மண்டபங்கள் / Banquet Halls	ஆதரவற்றோர் இல்லம் / Orphanages
நிறுவனங்கள் / Organizations	முதியோர் இல்லங்கள் / Old age Homes
ஹோட்டல்கள் / Hotels	தன்னார்வ தொண்டு அமைப்புகள் / Charitable Trusts
உணவகங்கள் / Restaurants	உணவுக் கிடங்குகள் / Food Banks
மாநாடுகள் / Conferences	அரசாங்க அமைப்புகள் / Government Organizations
திருமணங்கள் / Weddings	நிலையற்றோர் / Homeless

**Objective**

Develop a local, internet-free voice-activated system for home appliance control with NFC security, smart conversions, and detailed power consumption data, ensuring privacy and easy installation.

**Technology**

- Rasp
- Micr
- Spe
- Py



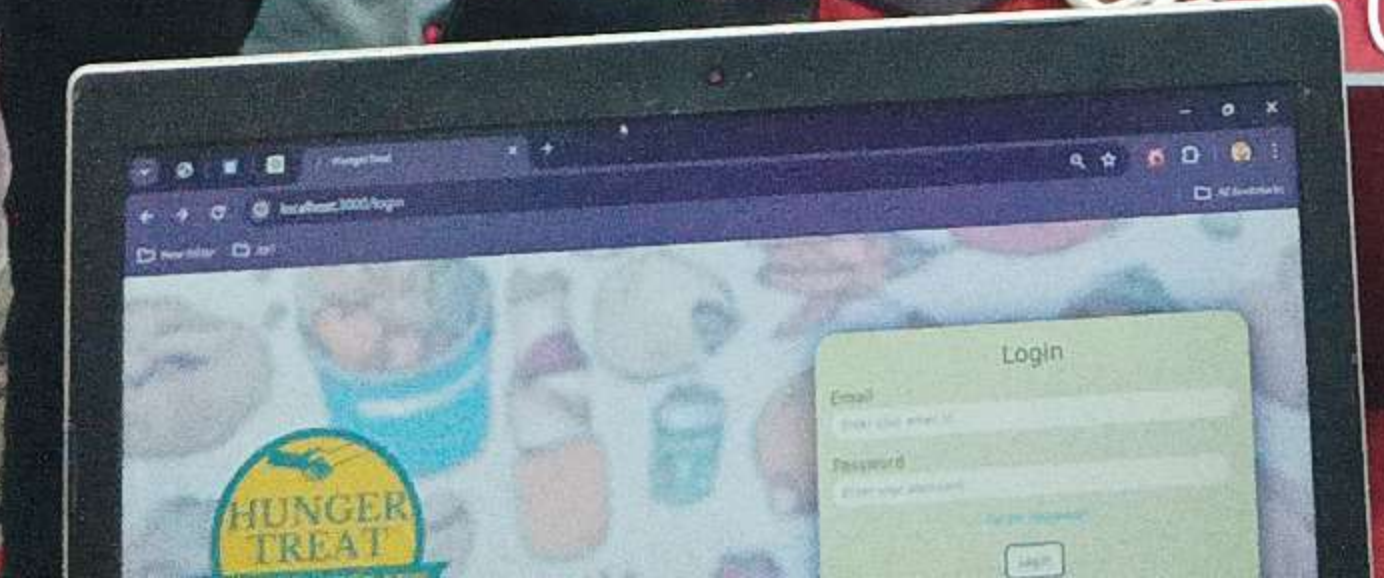
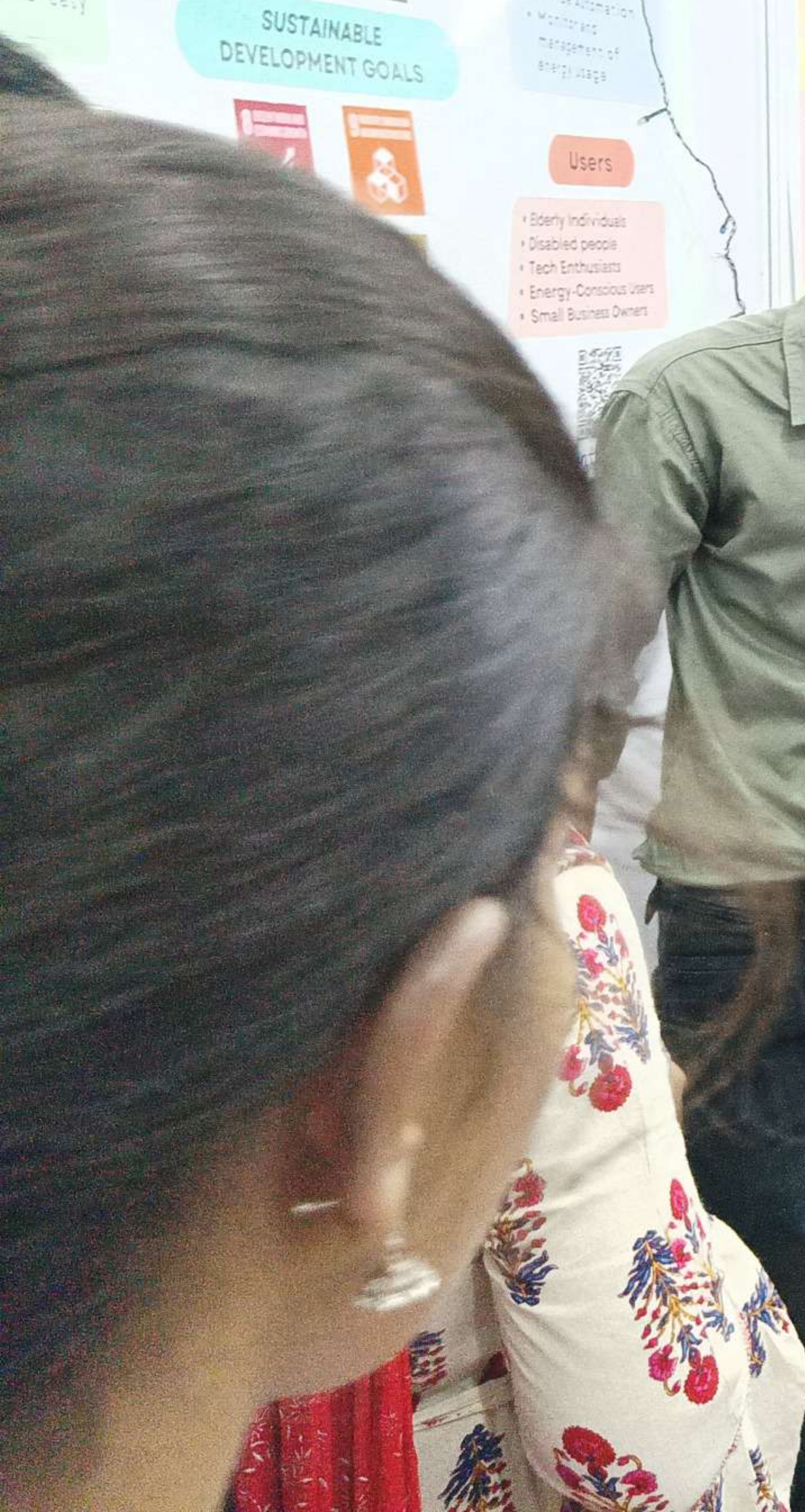


Project ATLAS  
KLN COLLEGE OF ENGINEERING  
KLN INNOVATION & RESEARCH PARK  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TRUSTED LOCAL ACCESS SYSTEM  
SUSTAINABLE DEVELOPMENT GOALS  
Users  
• Elderly Individuals  
• Disabled people  
• Tech Enthusiasts  
• Energy-Conscious Users  
• Small Business Owners

Omnimotion Monitor  
KLN COLLEGE OF ENGINEERING  
KLN INNOVATION & RESEARCH PARK  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
OMNIMOTION MONITOR  
Objective:  
To develop a real-time vehicle detection system to accurately count and categorize vehicles, with reliable data storage, a user-friendly dashboard for insights, and thorough field testing.  
Flow Diagram:  
Applications:  
• Traffic Flow Monitoring  
• Congestion Detection  
• Toll Collection  
• Urban and Infrastructure

Employee Performance Analysis System  
KLN COLLEGE OF ENGINEERING  
KLN Innovation Research Park  
Department of Artificial Intelligence & Data Science  
Project Title: EMPLOYEE PERFORMANCE ANALYSIS SYSTEM  
Objectives:  
1. Automate Employee Appraisal  
2. Data Management and Storage  
3. Automated Weekly Reports  
4. Data Visualization and Analysis  
5. Customizable Performance Tracking  
6. Seamless User Experience  
Tech Stack:  
1. Frontend & Backend: Dart using Flutter Framework  
2. Database: MongoDB  
3. Email Service: Nodemailer  
4. Task Scheduler: Cron  
5. Spreadsheet: ExcelJS



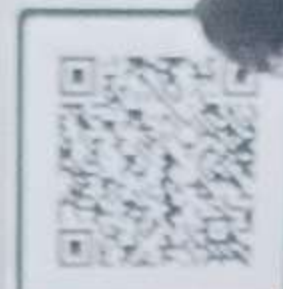




ELECTRICAL POWER  
AUDIT & UTILITY  
MANAGEMENT

K.L.N.

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PRIYAM FOODS

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