# KANTIPUR CITY COLLEGE

**KCC EXHIBIT 25**

**ELECTRONICS PROJECT SUBMISSION FORM**

NOTE:  
- Maximum 4 members per project group.  
- Mention all required components clearly.  
- Submit this form to the Electronics Project Coordinator by the announced deadline: 2082-04-07

## Project Information:

Project title

Wi-Fi Network Analyzer and Deauthentication Tool using ESP32 and Kali Linux

**Project Objective / Brief Description (2–3 lines):**

1. To build a low-cost Wi-Fi scanning and attack simulation device using ESP32.

2. To detect nearby Wi-Fi networks and connected clients.

3. To simulate deauthentication attacks (for educational/testing purposes).

4. To integrate the ESP32 output with Kali Linux tools for detailed packet analysis.

## Project Group Members:

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Full Name** | **KCC Roll No.** | **Email / Contact No.** |
| 1 | Sarswoti rokaya | KCC03192023 | +977 986-6780843 |
| 2 | Salim shrestha | KCC03042023 | +977 9705550012 |
| 3 | Santosh kumar shah | KCC03292023 | Santosh29comp23@kcc.edu.com |
| 4 | Surya chand yadav | KCC03302023 | +977 980-4383376 |

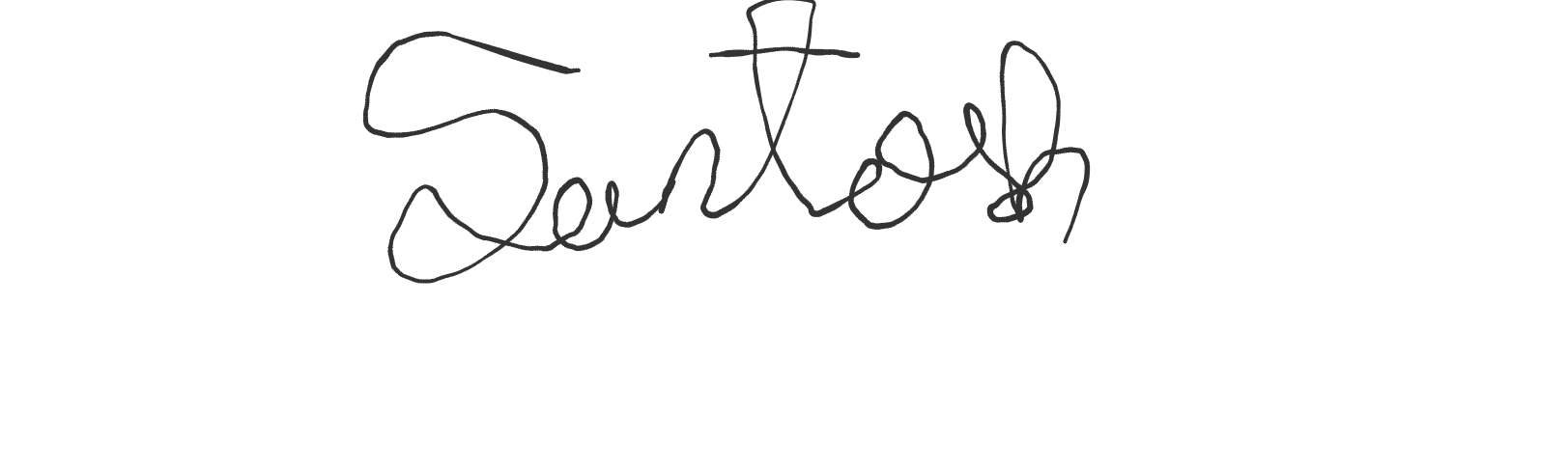
## Components Required:

|  |  |  |  |
| --- | --- | --- | --- |
| **S.N.** | **Component Name** | **Quantity** | **Purpose/Use** |
| 1 | ESP32 | 1 | microcontroller |
| 2 | Development Board | 1 | breadboard |
| 3 | USB Cable | 1 |  |
| 4 | OLED Display | 1 | display |
| 5  6 | PC/Laptop with Wi-Fi card (for Kali Linux)  Wi-Fi network for testing | 1 |  |

Remarks (if any):  
> [Optional – Mention any special requirements or external support needed]

Submitted by:

Name of Group Leader: Santosh kumar shah

Signature: 

Date: 2082/04/06