GSM Module for Messaging – Interfacing and Explanation

The GSM module is used to send SMS messages for digital slip notifications and reminder messages. In the full implementation, the module sends real SMS messages; in this prototype, messaging is simulated via Serial Monitor output.

**Interfacing Details:**

* **GSM Module Connections:**
  + VCC → 5V
  + GND → GND
  + TX → Digital Pin D12
  + RX → Digital Pin D13

void sendSMS(String number, String message) {

// In a real implementation, use a library like TinyGSM:

// gsmSerial.println("AT+CMGS=\"" + number + "\"");

// gsmSerial.print(message);

// gsmSerial.write(26); // Ctrl+Z to send SMS

Serial.print("SMS to "); Serial.print(number); Serial.print(": ");

Serial.println(message);

}