NNRG **NALLA NARASIMHA REDDY**
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)

EAMCET/ECET/ICET/PGECET Code

ICT UTILIZATION SHEET

Target Section : III YEAR-ECE
Academic Year : 2024-2025
Course Name : Embedded System Design
Source : Visual-Aided Lecture and Demo Session
Speaker Name &
Affiliation : Mr.Nitesh Gaikwad & Sravanthi.S

Date : 26.03.25
Sem : II

Time & Duration : 2:00 PM – 3:30 PM(1.5 Hours)

Assistant Professor
Faculty Name : Mr.Nitesh Gaikwad

COVERED TOPICS

1. Introduction to GPIO Ports and Registers
2. Writing Embedded C Code for LED Blinking
3. Real-time Switch Monitoring using Polling
4. Live Demo: LED and Switch Circuit Setup
5. Uploading Code and Debugging via IDE

VENUE AND UTILIZATION TOOLS

1. **Venue:** ICT-Enabled Classroom

2. **Utilization Tools:**

   ➢ Laptop with Embedded IDE (e.g., Keil/Arduino IDE)
   ➢ Projector for code walkthrough and explanation
   ➢ Breadboard with microcontroller setup (for demo)
   ➢ Classroom interaction with hands-on Q&A

Remarks (if any) :
Signature of the Faculty
S. Sravanth

ICT Coordinator

HOD