



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Computer Science and Engineering

Subject: Embedded systems

(BCSE 305L)

Digital Assignment

- 1) Design and develop an embedded system for any application. The system can be simulated using any tool or developed as a hardware .
- 2) Create a document (to be uploaded in Vtop) carrying
 1. The Hardware requirement specification
 2. The Software diagram
 3. The overall block diagram
 4. Screen shots of the simulation/photos of the hardware

Metrics

Action	Criterion	Marks	Distribution
Pdf Document (Purpose/function)	Novelty in the product	1	Groupwise
Pdf Document (HRS,Software diagram,Overall block diagram)	Information in the document	4	Groupwise
Pdf Document (Screenshot/Photos)	Clarity in the document ensuring the functionality	2	Groupwise
Hardware	Working model	1	Groupwise
Demo	Knowledge of the entire functionality	2	Individual