

Course: M.Sc. (Electronic Science)	Name of Faculty: Mithun Haridas T.P.
Topic: 16-305-0310 Embedded Systems Design Lab	Semester: FIRST
Lecture Hall: Embedded Systems Lab	Timings: as per CBCS

Set of experiments

- Experiment 1: Familiarization of Keil IDE
- Experiment 2: Free RTOS Porting on ARM development board
- Experiment 3: Task Creation
- Experiment 5: Task Creation with Parameters
- Experiment 6: Binary Semaphore
- Experiment 7: Binary Semaphore in ISR
- Experiment 8: Counting Semaphore
- Experiment 9: Mutex
- Experiment 10: Queue
- Experiment 11 LED & LCD Task
- Experiment 12. Implementation of a RTOS based task on Embedded Kits