# Proposal for a new course

**Title:** Topics in Embedded Systems

**Course No.:** CS624

**Units:** 3-0-0-4

**Instructors:** Dr. Rajat Moona  
Dr. Deepak Gupta

**Semester:** Any semester in the PG Program.

**Department:** Computer Science and Engineering

**Course Content:** Current topics in the design, specifications and analysis of embedded systems. The course will have the contemporary coverage of topics such as specifications of embedded systems, analysis of embedded systems, interface to the real time operating systems, design case studies, design methodologies etc.

**References:** No specific text book. Material will be covered from various sources including research papers, online documentation and reference books.

**Deptt. to which the proposed course will be of interest:** EE, CSE

**Pre-requisites:** Instructor’s Consent

**Estimated student enrollment:** 20

**Any other remarks:** None

**Signature of the proposer:**

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Convenor, DUGC  
Deptt. of CSE

**Date:**

The course is approved/not approved.

Chairman, SUGC