**PROJECT ASSIGNMENTS: OSSP**

**Important Instructions:**

**(1) Evaluation would be on basis of uniqueness of project assignment submitted by each group (demo +report)**

**(2) A group of a maximum of three people would be allowed**

**(3) This project assignment would be evaluated during your regular lab hours**

**(4) The groups working on development on device drivers would be given additional marks**

**Following are some of the suggested project assignments:**

**Ques 1: Design and submit running code of your own character/ block/network device driver in C while achieving the following steps:**

1. **Creating a device file**
2. **The driver code**
3. **Compiling the driver**
4. **Loading and unloading the driver**
5. **Testing the driver**

**OR**

**Ques 2: A running menu program while implementing any four disk scheduling algorithms with analysis tabulated in terms of head movements.**

**OR**

**Ques3: Implementation of anticipatory page replacement scheme while using appropriate data structures and Implementation of marking page replacement scheme while using appropriate data structures.**

**OR**

**Ques 4: Implementing any two process synchronization problem of your choice using monitors /POSIX semaphores .**

**OR**

**Ques 5: Design a bare OS kernel of your own which may execute any two simple commands for you.**