

## **Safety Management**

### **Discussion Session**

#### **Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection**

Please submit a one-page document on Moodle. The topics are as follows:

**1. Your idea can be here**

**2. How to survive: An exploding smartphone**

**3. How to survive: An exploding electric car**

**4. Fire alarm system: Soft-/hardware complex**

**5. Development of fire alarm systems: An IoT(E) approach**

6. Emergency Action Plan

7. Fire Protection Plan

8. Conditions requiring evacuation

9. Conditions requiring shelter-in-place

10. Emergency escape routes

11. Extinguishing fires

12. Emergency situations: Survival kits

13. Computer datacenters: Fire Prevention Plan

14. Fire evacuation plan: UCA academic block, Naryn campus

15. Develop a fire alarm system. You can use ideas presented in a class, i.e., Arduino Mega and Ethernet boards, LED, DHT11 temperature and humidity sensor

*Other topics related to Exit Routes, Emergency Action Plans, Fire Prevention Plans, and Fire Protection.*