



## **MONAD UNIVERSITY**

Village & Post Kastla, Kasmabad, P.O Pilkhuwa - 245101

Tehsil Hapur (U.P), India

Electrical Engineering Department

**Programme:** M.Tech Power System 3<sup>rd</sup> SEM

**Course:** Smart Grid

**Course Code:** MT-EEN-211

**Assignment No:** 1

**Due date of submission:** 10.09.2017

### **Instructions:-**

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Program and Enrolment No. clearly at the top of this page.

### **Que.No.1**

(a) Define the concept of smart grid, also explain need of smart grid.

(b) Discuss the difference between conventional grid and smart grid.

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### **Que.No.2**

(a) Discuss the present development & policies of smart grid in India.

(b) What are the main functions of smart grid?