# MGM’S College of Engineering, NANDED.

**Department of Mechanical Engineering**

**QUESTION BANK FOR TEST-** **I**

ACADEMIC YEAR 2013-14, SEM – II

Class: B.E. (Mech.) Subject: EL-II A&R Date:15/02/2014

Duration : 01 Hr. Max. Marks: 20

Q.1 Enlist any five goals of Automation. Explain any two in detail.

Q.2 Explain any two applications of automation in detail.

Q.3 Explain soft automation.

Q.4 Explain hard automation.

Q.5 Write a short notes on,

(a) Power in automation (b) Program of instructions

Q.6 Explain with neat sketch the feedback control system.

Q.7 Explain in detail the elements of programmable automation.

Q.8 Explain the hierarchy of levels of automation.

Q.9 What is process industry? Explain its features.

Q.10 Differentiate between continuous & discrete controls.

Q.11 With neat sketch explain Regulatory control system.

Q.12 Explain feed forward control system.

Q.13 Explain with sketch steady state optimization control.

Q.14 Explain Adaptive control system & its functions.

Q.15 Explain with example the time driven changes.

Q.16 Explain with example the event driven changes.

S**.S. Jarikote**

**Subject Incharge**