

MCA (Revised)

Term-End Practical Examination

December, 2011

01044

**MCSL-054 : LABORATORY COURSE IN ADVANCED
INTERNET TECHNOLOGIES AND COMPUTER GRAPHICS
AND MULTIMEDIA**

Time allowed : 2 hours

Maximum Marks : 50

Note : There are *two* parts (Advanced Internet Technologies and Computer Graphics and Multimedia) in this paper. Each part is of **1 hour** duration. Attempt only that part(s) in which you are *not successful* as yet.

PART-1

Advanced Internet Technologies

Note : Answer the following question. It carries **20** marks and the *viva-voce* is for 5 marks.

1. Write a program using JSP that enables any student to know the status of assignment submitted by him/her. Make necessary assumptions. **20**

PART-2
COMPUTER GRAPHICS AND MULTIMEDIA

Note : *Answer the following question. It carries 20 marks and the viva-voce is for 5 marks.*

1. Write a program in C/C++ using Open GL that draws the following figure. 20

