

MCA (Revised)
Term-End Practical Examination

June, 2013

00116

**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 in JSP that accepts Enrollment number as User Name and name of the student as password as inputs. The Program should validate them and display the identity card of the student. 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


