UNIVERSITY OF MUMBAI

Revised syllabus for F.Y.BSc. Computer Science to be implemented

from

2008-2009

Proposed syllabus and examination scheme
for
F.Y.B.Sc. Computer Science (Theory and Practical)
from
Academic year 2008-09
Conduct of Course

The workload per paper for theory and practical workload per batch, batch size for practical and passing standards will be as per the existing norms / regulations and University Guidelines.

Examination Scheme

Theory (Examination duration per paper 2 hours)				
	Title	**Examination**	**Maximum Marks**	**Maximum Marks after conversion**
Paper I	Computer organization: Introduction to microprocessors and computer architecture	First Term Second Term	60 60	30 30
Paper II	Algorithms and Programming in C	First Term Second Term	60 60	30 30
Practical (Examination duration per paper 3 hours)				
Paper I	Computer organization: Introduction to microprocessors and computer architecture	Annual Actual Practical	30	30
Paper II	Algorithms and Programming in C	Annual Actual Practical	30	30
Certified Journal	Paper I and Paper II	Annual	10	10
Viva-voce		Annual	10	10

Evaluation Scheme (For Paper I & Paper II)
(As per the recommendations passed by the Science Faculty)

Examination	**Maximum Marks**		**Maximum marks after conversion**	
	Paper I	**Paper II**	**Paper I**	**Paper II**
First Term	**60**	**60**	**30**	**30**
Second Term	**60**	**60**	**30**	**30**
Practical	**40**	**40**	**40**	**40**
Total			**100**	**100**

Paper Pattern (For Paper I and Paper II)
(All questions are compulsory)

Questions	**Term I**	**Term II**	**Maximum Marks***
Q1.	**Based on Unit 1, 2 & 3**	**Based on Unit 4, 5 & 6**	**15**
Q2	**Based on Unit 1**	**Based on Unit 4**	**15**
Q3	**Based on Unit 2**	**Based on Unit 5**	**15**
Q4	**Based on Unit 3**	**Based on Unit 6**	**15**
Total			**60**

***In each question; maximum marks with options should be set for 22 or 23 marks with internal options.**

General Guidelines

- Each paper is divided into six equal units. **First 3 units** of each paper are expected to be taught during **first term** and **next 3 units** are expected to be taught during **second term**. The lectures allocated for the respected units are suggestive.

- Minimum 75 % experiments from each paper are required to be completed and written in the journal.