

(95)

UNIVERSITY OF MUMBAI

No.UG/ 239 of 2005

CIRCULAR :

Attention of the Head, Department of Computer Science, the Principals of the affiliated Colleges in Science and the Director/Heads of the recognised Institutes concerned is hereby invited to this office Circular No.UG/29 of 2005 dated 24th January, 2005 relating to M.Sc.(Computer Science) degree course and they are hereby informed that the recommendation made by the Ad-hoc Board of Studies in Computer Science at its meeting held on 7th June, 2005 has been accepted by the Academic Council at its meeting held on 14th June, 2005 vide item No. 4.42 and that in accordance therewith the decision taken by the joint meeting of the Ad-hoc Board of Studies in B.Sc. and M.Sc. (Computer Science) and the Ad-hoc Committee for the B.Sc. and M.Sc. (Information Technology) degree at its meeting held on 2nd September, 2004 which was communicated vide Circular No.UG/29 of 2005 dated 24th January, 2005, regarding scheme of papers for the M.Sc. (Information Technology) is made applicable to the M.Sc. (Computer Science) degree course.

Further that the scheme of papers for the M.Sc. (Computer Science) degree have course is as per Appendix and that the above changes have been brought into force with effect from the academic year 2004-2005.

Mumbai 400 032,
23rd June, 2005

[Signature]
23/6
for REGISTRAR.

To.

The Head, Department of Computer Science, the Principals of the affiliated Colleges in Science and the Director Heads of the recognised Institutes concerned

A.C.4.42/14.06.2005

No.UG/ 239-A

of 2005

23rd June, 2005.

Copy forwarded with Compliments for information to :-

- 1) The Dean, Faculty of Science.
- 2) The Chairman, Ad-hoc Board of Studies in Computer Science..

[Signature]
23/6
for REGISTRAR.



UNIVERSITY OF MUMBAI

M.Sc. Computer Science (First Year)

	Subject	Lect./ Week	Pract./ Week	Theory Paper		Pract Marks	Total
				Hrs.	Marks		
1.	1 Year – I Term Principles of Compiler Design Part I	4	4	3	75	50	125
	1 Year – II Term Principles of Compiler Design Part II	4	4				
2.	1 Year – I Term Digital Signal Processing Part I	4	4	3	75	50	125
	1 Year – II Term Digital Signal Processing Part II	4	4				
3.	1 Year – I Term Mobile Computing	4	4	3	75	50	125
	1 Year – II Term Computer Simulation and Modeling	4	4				
4.	1 Year – I Term Data Warehousing and Mining	4	4	3	75	50	125
	1 Year – II Term Advanced Database Systems	4	4				
	Total 1 Year – I Term	16	16	-	300	200	500

M.Sc. - Computer Science (Second Year)

	Subject	Lect./ Week	Pract./ Week	Paper		Pract Marks	Total
				Hrs.	Marks		
1.	II Year - I Term Artificial Intelligence	4	4	3	75	25	100
	II Year - II Term Image Processing	4	4				
2.	II Year - I Term Distributed Computing	4	4				
	II Year - II Term Embedded Systems	4	4	3	75	25	100
3.	Elective I			3	75	25	100
	I Term	4	4				
	II Term	4	4				
4.	Elective II			3	75	25	100
	I Term	4	4				
	II Term	4	4				
5.	Project-I Term/II Term	-	8	-	-	100	100
	Total I Year - I Term	16	16	-	300	200	500

Elective-I		Elective-II	
1.	Parallel Processing (I Term) Advanced Computer Network (II Term)	1.	Pattern Recognition (I Term) Computer Vision (II Term)
2.	System Security (I term)	2.	Virtual Reality and Virtual Environment (I Term)
	Internet Security (II term)		JAVA Technology (II Term)
3.	Enterprise Networking (I Term)	3.	Bio-Informatics (I Term)
	Satellite Communication (II Term)		Intelligent Systems (II Term)
4.	Fuzzy Logic and Neural Networks (I Term)	4.	Optimization Techniques (I Term)
	Multimedia Systems and Convergence of Technologies		Customer Relations Management (II Term)
