



**Computer Science Department**  
**Study Plan for Master Degree**  
**(33 Credit Hours)**  
**(2006-2007)**

**Comprehensive Examination Programme**

**2. Elective (15 Hours)**

**1. Compulsory (18 Hours)**

Module No.	Module Name	Cr.
750721	Algorithms and Complexity	3
750732	Advanced Operating Systems	3
750751	Artificial Intelligence	3
750761	Advanced Concepts in Database	3
750791	Fundamentals of Scientific Research	3
750798	Project	3

Module No.	Module Name	Cr.
750711	Parallel Programming Languages	3
750722	Fuzzy Logic in Computer Science	3
750723	Genetic Algorithms and Neural Networks	3
750731	Parallel Computer Architecture	3
750741	Mobile and Distributed Computing	3
750742	Theory of Concurrency	3
750752	Natural Language Processing	3
750753	Machine Learning	3
750762	Data Mining and data Warehousing	3
750771	Multimedia Systems Technology	3
750772	Multimedia and the Web	3
750781	Formal Methods in software Engineering	3
750782	Software Process	3
750783	Software Maintenance	3

**Date : 9/6/2006**