

M.Sc. (Computer Science)– Part Ist
Equivalence Subject
Semester - I

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
Cs-101-Advanced C++ Programming	CS-101 Advanced C++ Programming
CS-102-Automata Theory And Computability	CS-102 Automata Theory and Computability
CS-103 Advanced Operating Systems	CS-103 Advanced Operating System
CS-104 Digital Image Processing	CS-104 Digital Image Processing
CS-105-Lab-I Lab on Advance OS & Image Processing	CS-105- LAB - I Lab on Advanced OS and Digital Image Processing
CS-106-Lab-II Lab on C++ Programming	CS -106-LAB - II Lab on Advanced C++ Programming

Semester - II

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
CS-201-Advanced Java Programming	CS-303 Advanced Java Programming
CS-202 Machine Intelligence	CS-202 Machine Intelligence
CS-203: Compiler Construction	CS-203 Compiler Construction
CS -204 Design and Analysis Of Algorithm	CS-204 Design and Analysis of Algorithms
CS-205-Lab-III-Lab on DAA and MI	CS-205- LAB - III Lab on DAA and MI
CS-206-Lab-IV: Advanced Java Programming	CS -306-LAB –VI Lab on Advanced Java Programming

M.Sc. (Computer Science)– Part IInd
Equivalence Subject
Semester - III

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
CS-301-Software Engineering	CS-301 Software Engineering
Cs-302-Optimization Algorithms	CS-302 Optimization of Algorithm
CS-303-Internet Computing	CA 301 Internet Computing –I
CS-304: Windows and Visual C++ Programming	CS-304 Windows, WCF and WPF Programming
CS-305-Lab-V: Lab on Windows Programming and VC++	CS-305-LAB – V Lab on Windows, WCF and WPF Programming
CS-306-Lab-VI Lab on Internet Computing	CA – 307 CA-Lab-VI Lab on IC –I

Semester - IV

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
Cs-401-Natural Language Processing	CS-401 Natural Language Processing
CS-402 Advance Network Programming	CS-402 Advanced Network Programming
CS-403-Data Mining	CS-403 Data Warehousing and Data Mining
CS-404-Lab-VI: Lab on Network Programming and Data Mining	CS-404- LAB – VII Lab on Network programming and Data Mining
CS-405-Mini Project	CS-405-Mini Project

Prof. Dr. B.V. Pawar
 (Chairman)
 B.O.S.Computer Science

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Subject: M.Sc. I & II Information Technology Equivalence Subject List

Semester-I

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
IT-101 Theoretical Computer Science	IT-101 Theoretical Computer Science
IT-102 Digital Image Processing	IT-102 Digital Image Processing
IT-103 Modern Concepts in C++ Programming	IT-103 Advance C++ Programming
IT-104 Web Designing and Navigation	IT-104 Web Designing and Navigation
IT-Lab-I Lab on DIP& C++	IT-Lab-I Lab on DIP& Advance C++ Programming
IT-Lab-II Lab on Web Designing and Navigation	IT-Lab-II Lab on Web Designing and Navigation

Semester-II

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
IT-201 Web Publishing & Data Storage Technologies	IT-201 Web Publishing & Data Storage Technologies
IT-202 Advance Java	IT-202 Advance Java
IT-203 C# using .NET Framework	IT-203 C# using .NET Framework
IT-204 Internet Programming	IT-204 Internet Programming
IT-Lab-III Lab on C# and .NET & PHP	IT-Lab-III Lab on C# & PHP Programming
IT-Lab-IV Lab on Java Programming	IT-Lab-IV Lab on Java Programming

Semester-III

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
IT-301 Object Oriented Analysis & Design	IT-301 Object Oriented Analysis & Design
IT-302 Current Computing Trends-I	IT-302 Mobile Computing
IT-303 Windows Programming	IT-303 Windows Programming
IT-304 Advance Operating Systems	IT-304 Advance Operating Systems
IT-Lab-V Lab on Current Computing Trends I & Windows Programming	IT-Lab-V Lab on Mobile Computing & Windows Programming
IT-Lab-VI Lab on OS Administration	IT-Lab-VI Lab on OS Administration

Semester-IV

Old Course (w.e.f. 2014)	Equivalence Subject (New Course w.e.f. 2017)
IT-401 Software Engineering	IT-401 Software Engineering
IT-402 Current Computing Trends-II	IT-402 Current Computing Trends
IT-403 Cloud Computing	IT-403 Cloud Computing
IT-404 Project	IT-404 Project
IT-Lab-VII Lab on Current Computing Trends-II	IT-Lab-VII Lab on Current Computing Trends



Prof. Dr. B.V. Pawar

(Chairman)

B.O.S. Computer Science


Master of Computer Application (MCA) Equivalence

Semester-I

MCA OLD Syllabus (W.E.F.2014)		MCA NEW Syllabus (W.E.F.2017)	
Subject Code	Subject Name	Subject Code	Subject Name
CA 101	Computer Organization & Architecture	CA 101	Computer Organization & Architecture
CA-102	Database Management System (DBMS)	CA 102	Database Management System (DBMS)
CA- 103	Mathematical Foundations of Computer Science	CA 103	Mathematical Foundations of Computer Science
CA-104	C++ Programming	CS 101	Advance C++ Programming
CA-105	System Programming	CA 105	System Programming
CA-Lab-I	Lab on C++ Programming	CA 106	CA-Lab-I Lab on C++ Programming
CA-Lab-II	Lab on DBMS	CA 107	CA-Lab-II Lab on DBMS

Semester-II

MCA OLD Syllabus (W.E.F.2014)		MCA NEW Syllabus (W.E.F.2017)	
Subject Code	Subject Name	Subject Code	Subject Name
CA-201	Object Oriented Analysis and Design (OOAD)	CA 104	OOPs Concepts using C++
CA-202	Data Structures and Algorithms	CA 202	Data Structures and Algorithms
CA-203	Operating Systems	CA 203	Operating Systems
CA-204	Linux Operating System	CS 103	Advance Operating Systems
CA-205	Computer Networks	CA 205	Computer Networks
CA-Lab-III	Lab on Data Structures	CA 206	CA-Lab-III Lab on Data Structures and Algorithms
CA-Lab-IV	Lab on Linux Operating System	CA -207	CA-Lab-IV Lab on Java Programming


Prof. Dr. B.V. Pawar
(Chairman)
B.O.S.Computer Science