

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
MASTER OF COMPUTER APPLICATIONS (MCA)

Syllabus :

Unit I : Mathematics - Solution of Linear and Quadratic Equations, Convergence and Divergence of Series, Functions, Limit and Continuity, Differential and Integral Calculus, Matrix Algebra.

Unit II : Computer Fundamentals - Computer Basic, Data Representations, Binary Arithmetic, I/O Units, Computer Memory, Processor, Logic Circuits, Computer Languages Evaluation, Computer Generations and Classifications, Computer Network, Network Topologies.

Unit III : Programming in 'C' - Constants, Variables and Data types, Operators and Expressions, I/O operators, Decision making, Branching, Looping, Arrays, Character Strings, Functions, Unions, Pointers and File Management.

MCA Entrance
by
RAM GOPAL SINGH

NIMS
KANPUR

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