



KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University Established Under Section 3 of UGC Act 1956)
Coimbatore – 641 021.

SYLLABUS

17MMU311	NUMERICAL METHODS (PRACTICAL)	Semester - III			
		L	T	P	C
		0	0	4	2

List of Practical (using MATLAB/Mathematica/ SCILAB)
(Any 10 Programs)

1. Calculate the sum $1/1 + 1/2 + 1/3 + 1/4 + \dots + 1/N$.
2. To find the absolute value of an integer.
3. Enter 100 integers into an array and sort them in an ascending order.
4. Bisection Method.
5. Newton Raphson Method.
6. Secant Method.
7. Regula Falsi Method.
8. LU decomposition Method.
9. Gauss-Jacobi Method.
10. Gauss-Seidel Method.
11. Lagrange Interpolation or Newton Interpolation.
12. Simpson's rule.