

Practical: Solution by Programming in C
Teaching: 2 Hours per Week per Batch
(20 Candidates in each Batch)

		Duration: 2 Hours	
		Science	Arts
Examination:			
Scheme			
Max.Marks		50	40
Min.Pass Marks		18	13
Distribution of Marks:			
Two Practicals			
15 Marks each	=	30 Marks (13 Marks each)	26
Practical Record	=	10 Marks	07
Viva-voce	=	10 Marks	07
Total Marks	=	50 Marks	40

- Programming in C and execution for the result of
1. Solution of linear algebraic equations by Gauss elimination method
 2. Solution of algebraic and transcendental equations by Bisection, False position and Newton – Raphson Methods
 3. Solution of ordinary differential equations by Euler's and Runge-Kutta 4th order method
 4. Numerical integration by Trapezoidal and Simpson's one third rule
 5. Mean and standard deviation (S.D.), Line Graph, Histogram, Bar Graphs, Pie Charts

Note:

1. Each Candidate (Regular/Non-Collegiate) has to prepare his/her practical record.
2. Each Candidate has to pass in Practical and Theory examinations separately.
3. Non Collegiate candidates are required to take practice certificate of 21 days (2 hours per day.)