Curriculum Plan: B.Sc.(Hons) (V Sem), DSE-1 (NUMERICAL ANALYSIS), (2021-22)

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Marks Distribution	**Theory**	**75 Marks**
	Internal Assessment	Assignments 10 Marks
		Test 10 Marks
		Presentation 5 Marks
Classes Assigned	**Lectures**	2 per week

Reference

[1] B. Bradie, A friendly Introduction to Numerical Analysis, Pearson Education, India, 2007

[2] M.k.jain, S.R.K.Iyengar and R.K.Jain, Numerical Methods for Scientific and Engineering, New Age International Publisher, India, 5th edition,2007.

Week	Topics
1st week 20-24th JULY	Bisection method.
2nd week 26-31st JULY	False position method.
3rd week 2-7th AUG	Fixed point iteration method.
4th week 9-14th AUG	Newton method.
5th week 16-21st AUG	Secant method.
6th week 23-28th AUG	Lagrange interpolation linear order (continued)
7th week 31st AUG- 4th SEP	Lagrange interpolation linear order.
8th week 6-11th SEP	Lagrange interpolation higher order (continued)
9th week 13-18th SEP	Lagrange interpolation higher order.
10th week. 20-25th SEP	Newton interpolation linear order (continued)
11th week 27th SEP-1st OCT	Newton interpolation linear order.
12th week 4-9th OCT	Newton interpolation higher order (continued)
13th week 18-23rd OCT	Newton interpolation higher order.
14th week 25-30th OCT	Piecewise Linear Interpolation.
1-15TH NOV (15TH and 16TH Week)	**REVISION.**