

**Table-I: Certificate Course (Mathematics)–Exit after First Academic Year
(One Academic year: First & Second Semester and Summer/Vocational Course)**

Semester	Core-I	Core-II	Core-III	Multidisciplinary	AEC	SEC	VAC	Community Engagements & Services/Field Work/Internship	Total Minimum Credit
I	Paper-I Calculus & Analytic Geometry	Paper-I Calculus & Analytic Geometry		Discrete Mathematics	Odia/Hindi		Environmental Studies and Disaster Management		22
	Paper-II Introduction to Algebra & Number Theory								
II	Paper-III Real Analysis-I		Paper-III Calculus & Analytic Geometry	Linear Programming Problem	English	Type setting in latex (Practical)			22
	Paper-IV Algebra-I								
Total	4X4=16	1x4=4	1x4=4	2x3=6	2x4=8	1x3=3	1x3=3		44
Vocational course (4 credits):									

Note: The course table structure has been recommended by the BOS in Mathematics.