GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR <u>DEPARTMENT OF MATHEMATICS</u>

COURSE STRUCTURE & SYLLABUS-B.Sc. (Hon.) in Mathematics

Sem	Course Type	Course Code	Course Name	Credit/Hours (L-T-P)	Marks CCA^	Marks ESE#	Total Marks
I	CORE 1	AMUATT1	Calculus	5(4-1-0)	30	70	100
	CORE 2	AMUATT2	Algebra and Geometry	5(4-1-0)	30	70	100
	GE-1		Opted from the pool	5	30	70	100
			Course and offered by				
			Sister Departments				
	AEC-1		Opted from the Pool	2	30	70	100
			Course				
			offered by University		-		100
	SEC-1		Opted from the Pool	2	30	70	100
			Course				
	A 11'.' 1		offered by University				
	Additional						
	Credit Course		T. (1.C. 1'4	10			
II	CODE 2	A MI IDTT1	Total Credit Multivariable Calculus	5(4.1.0)	30	70	100
II	CORE 3	AMUBTT1		5(4-1-0)		70	100
	CORE 4	AMUBTT2	Ordinary Differential Equations	5(4-1-0)	30	70	100
	GE-2		Opted from the pool	5	30	70	100
			Course and offered by				
			Sister Departments				
	AEC-2		Opted from the Pool	2	30	70	100
			Course				
			offered by University				
	SEC-2		Opted from the Pool	2	30	70	100
			Course				
			offered by University				
	Additional						
	Credit Course		T. I.G. W.	10			
TTT	CODE 7	A MI I COTTO	Total Credit	19	20	70	100
III	CORE 5	AMUCTT1	Real Analysis	5(4-1-0)	30	70	100
	CORE 6	AMUCTT2	Group Theory	5(4-1-0)	30	70	100
	CORE 7	AMUCTT3	Probability and	5(4-1-0)	30	70	100
	OF 2		Statistics		20	70	100
	GE-3		Opted from the pool	5	30	70	100
			Course and offered by				
	AEC 2		Sister Departments Ontad from the Bool	2	30	70	100
	AEC-3		Opted from the Pool Course	2	30	70	100
	Additional		offered by University				
	Credit Course						
	Cicuit Course		Total Credit	22	1		
			1 Otal Credit	44			

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	AMUFTD4	Mathematical	5(4-1-0)	30	70	100
	ANGUETOS	Finance	5(4 1 0)	20	70	100
	AMOFID3	C++Programming for Mathematics	5(4-1-0)	30	70	100
	AMUFTD6		5(4-1-0)	30	70	100
	AMUFTD7	Advanced Mechanics	5(4-1-0)	30	70	100
Seminar	AMUFST1		02			100
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Dissertation/Pr	AMUFDT1		07			100
oject	~					
Additional						
Credit Course						
Total Credit		24		•	•	

[~]The Code generated by the Department., *May be offered during the summer;
^ Continuous Comprehensive Assessment (CCA), # End-Semester Examination (ESE)

