

# BABU BANARASI DAS UNIVERSITY, LUCKNOW

## B.Sc. (Hons.) Mathematics

### COURSE STRUCTURE

(For Academic Session 2021-22 and After)

Course	Code	Title	Teaching				Evaluation				Credits
							Theory		Lab/Seminar/ Viva Dissertation		
			L	T	P	CIA	ESE	CIA	ESE		
<b>SEMESTER – I</b>											
Core	BSM2101	Calculus	5	1	-	40	60	-	-	100	6
Core	BSM2102	Algebra and Geometry	5	1	-	40	60	-	-	100	6
GE		Generic Elective – I									6
AECC	HSAE 2101	Communicative English	4	-	-	40	60	-	-	100	4
CC	BSGP21	General Proficiency						100	-	100	1
<b>29</b>											
<b>SEMESTER – II</b>											
Core	BSM2201	Multivariable Calculus	5	1	-	40	60	-	-	100	6
Core	BSM2202	Ordinary Differential Equations	5	1	-	40	60	-	-	100	6
GE		Generic Elective – II									6
AECC	MSAE 2201	Environmental Studies	4	-	-	40	60	-	-	100	4
CC	BSGP22	General Proficiency						100	-	100	1
<b>29</b>											
<b>SEMESTER – III</b>											
Core	BSM2301	Real Analysis	5	1	-	40	60	-	-	100	6
Core	BSM2302	Group Theory	5	1	-	40	60	-	-	100	6
Core	BSM2303	Probability and Statistics	5	1	-	40	60	-	-	100	6
GE		Generic Elective – III									6
SEC		Skill Enhancement Course – I									4
CC	BSGP23	General Proficiency	-	-	-	-	-	100	-	100	1
<b>29</b>											
<b>SEMESTER – IV</b>											
Core	BSM2401	Mechanics	5	1	-	40	60	-	-	100	6
Core	BSM2402	Linear Algebra	5	1	-	40	60	-	-	100	6
Core	BSM2403	Partial Differential Equations and Calculus of Variations	5	1	-	40	60	-	-	100	6
GE		Generic Elective – IV									6
SEC		Skill Enhancement Course – II									4
CC	BSGP24	General Proficiency	-	-	-	-	-	100	-	100	1
<b>29</b>											