


INVERTIS UNIVERSITY, BAREILLY
Department of Applied Sciences and Humanities
Curriculum Analysis (M.Sc. (Mathematics))

Regulation: 2020- 2021

Category	L	T	P	C
AECC	-	-	-	-
Skill Enhancement Elective (SEE)	15	5	14	34
Discipline Specific Course (DSC)	36	12	0	48
General Elective Course (GEC)	-	-	-	-
Cross Cutting Course (CCC)	-	-	-	-
Discipline Specific Electives (DSE)	24	8	0	16
TOTAL	75	25	14	98


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AECC COURSES LIST

Regulation: 2020- 2021

Course Name	L	T	P	C
-	-	-	-	-
TOTAL	-	-	-	-


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INVERTIS UNIVERSITY, BAREILLY
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Skill Enhancement Elective (SEE) Courses List

Regulation: 2020- 2021

Course Name	L	T	P	C
MMA104 Fundamental of Computer and C Programming	3	1	0	4
MMA151 C-Programming Lab	0	0	2	2
MMA204 Statistical Analysis (SEC)	3	1	0	4
MMA251 Statistical Analysis Lab with R- Programming (SEC)	0	0	2	2
MMA201 Python	3	1	0	4
MMA305 Database Management System	3	1	0	4
MMA306 Data Warehouse and Data Mining	3	1	0	4
MMA351 PYTHON Lab	0	0	2	2
MMA352 MATLAB	0	0	2	2
MMA353 Database Management System Lab	0	0	2	2

MMA354* Field Project / Internship	0	0	2	2
MMA354* Field Project / Internship	0	0	2	2
TOTAL	15	5	14	34


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Discipline Specific Course (DSC) List

Regulation: 2020- 2021

Course Name	L	T	P	C
MMA101 Algebra	3	1	0	4
MMA102 Analysis	3	1	0	4
MMA103 Theory of ODE& PDE	3	1	0	4
MMA105 Numerical Methods	3	1	0	4
MMA201 Linear Algebra	3	1	0	4
MMA202 Complex Analysis	3	1	0	4
MMA203 Topology	3	1	0	4
MMA205 Optimization Techniques	3	1	0	4
MMA302 Functional Analysis	3	1	0	4
MMA303 Mathematical Methods	3	1	0	4
MMA304 Probability and Stochastic Processes	3	1	0	4
MMA401 Mathematical Modeling	3	1	0	4
TOTAL	36	12	0	48

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Generic Elective Courses (GEC) List

Regulation: 2020- 2021

Course Name	L	T	P	C
-				
-	-	-	-	-
TOTAL	-	-	-	-




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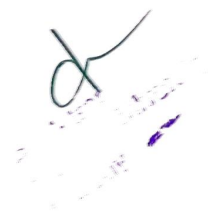
Cross Cutting Courses List

Regulation: 2020- 2021

Course Name	L	T	P	C
TOTAL	-	-	-	-


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Discipline Specific Elective (DSE) List

Regulation: 2020- 2021

Course Name	L	T	P	C
MMA031 DSE-I	3	1	0	2
MMA032 DSE-I				
MMA041 DSE-II				
MMA042 DSE- III				
MMA043 DSE-IV				
MMA044 DSE-II				
MMA045 DSE- III				
MMA046 DSE-IV				
TOTAL				


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