

**School of Liberal Education**  
**B.Sc(R) Economics**  
**Programme Structure**

1 Year																				
1 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
1	Principles of Microeconomic Analysis	ERP	Major	100	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	9,12
2	Principles of Macroeconomic Analysis	ERP	Major	100	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	8,9
3	Introduction to Programming	ERP	Minor	100	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	4
4	Calculus	ERP	IDC-1	100	Theory	3	0	0	0	3	3	25	50	25	0	0	0	100	100	4
5	Introduction to Excel	ERP	SEC-1	100	Theory	1	0	2	0	3	5	25	50	25	0	0	0	100	100	3
6	Communicative English-I	ERP	AEC-1	100	Integrated	1	0	1	0	2	3	0	50	0	25	25	0	100	100	4
<b>Total Credits</b>						<b>20</b>														
2 Semester																				
2 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
1	Applied Microeconomic Theory	ERP	Major	100	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	9,12
2	Applied Macroeconomic Theory	ERP	Major	100	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	8,9
3	Data Handling & Visualization	ERP	Minor	100	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	4
4	Mathematics for Economics	ERP	IDC-2	100	Theory	3	0	0	0	3	3	25	50	25	0	0	0	100	100	4
5	Communicative English-II	ERP	AEC-2	100	Integrated	1	0	1	0	2	3	0	50	0	25	25	0	100	100	4
6	Statistical Software Package-SPSS	ERP	SEC-2	100	Integrated	1	0	2	0	3	5	0	50	0	25	25	0	100	100	4
7	Cyber Security/Data and Digital Literacy	ERP	VAC-2	100	Project	2	0	0	0	2	2	0	0	0	25	25	0	100	100	16
<b>Total Credits</b>						<b>22</b>														
3 Semester																				
3 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
1	Statistics for Economics	ERP	Major	200	Major	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
2	Partial Differential Equations	ERP	Major	200	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
3	Data Base Management system	ERP	Minor	200	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
4	Python Programming	ERP	IDC-3	200	Theory	3	0	0	0	3	3	25	50	25	0	0	0	100	100	4
5	Hindi/ Advance Excel with VBA	ERP	AEC-3	200	Integrated	1	0	2	1	4	8	0	50	0	25	25	0	100	100	4
6	Advanced R for Project-Based Learning	ERP	SEC-3	200	Integrated	1	0	2	0	3	5	0	50	0	25	25	0	100	100	4
7	Environment studies/AI and Cognitive Science	ERP	VAC-3	200	Theory	2	0	0	0	2	2	25	50	25	0	0	0	100	100	4,9
<b>Total Credits</b>						<b>22</b>														
4 Semester																				
4 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
1	Probability and Statistics	ERP	Major	200	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	4
2	Operation Research -I	ERP	Major	200	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
3	Econometric Analysis I	ERP	Major	300	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	4
4	Big Data Analytics	ERP	Minor	200	Comprehensive	4	0	0	0	4	4	0	50	0	25	0	25	100	100	4
5	Research Paper Writing	ERP	AEC-4	200	Theory	2	0	0	0	2	2	25	50	25	0	0	0	100	100	13
6	Prompting and AI Tools	ERP	VAC	200	Project	0	2	0	0	2	2	0	0	0	25	25	0			
<b>Total Credits</b>						<b>20</b>														
3 Year																				
5 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
2	Operation Research -II	ERP	Major	300	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
3	Major-Elective 1	ERP	Major-Elective 1	300	Comprehensive	4	0	0	0	4	4	0	50	0	25	0	25	100	100	
4	Data Sciences (R Prog)	ERP	Minor	300	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
5	Internship - II	ERP	Internship	300	Theory	0	2	0	0	4	2	25	50	25	0	0	0	100	100	4
6	AI-Driven Data Visualization and Storytelling	ERP	VAC	200	Project	2	0	0	0	2	2	0	0	0	25	25	0			
<b>Total Credits</b>						<b>18</b>														
6 Semester																				
6 Semester											Evaluation Pattern									
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/B/L)	Rubric and Assessment Tools					SEE Marks	Max. Marks	SDG Mapping							
						T	P	S	C	H				QUIZ I/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test	Course-based Project	
1	Econometric Analysis II	ERP	Major	300	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	4
2	Major-Elective-2	ERP	Major-Elective-2	300	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Major-Elective-3	ERP	Major-Elective-3	300	Comprehensive	4	0	0	0	4	4	0	50	0	25	0	25	100	100	
4	Research Methodology	ERP	Major	200	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
5	Computing Technology	ERP	Minor	300	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	4
<b>Total Credits</b>						<b>20</b>														
4 Year																				

7 Semester											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/Blended)							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Major-Elective 4	ERP	Major-Elective 4	400	Theory	4	0	0	0	0	4	4	25	50	25	0	0	0	100	100
2	Major-Elective 5	ERP	Major-Elective 5	400	Comprehensive	2	0	1	1	4	4	25	50	25	0	0	0	100	100	
3	Major-Elective 6	ERP	Major-Elective 6	400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Statistical Analysis using R	ERP	Minor	400	Blended	3	0	1	0	4	5	25	50	25	0	0	0	100	100	
5	Development Economics	ERP	Major	400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
<b>Total Credits</b>																				
20																				
8 Semester											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/Blended)							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Time Series Econometrics		Major	400	Integrated	3	0	1	0	4	5	0	50	0	25	25	0	100	100	
2	Digital Empowerment		Minor	400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Dissertation on Major		Project	400	Practical	0	2	1	0	12	2	0	0	0	25	25	0	100	100	
<b>Total Credits</b>																				
20																				
OR																			SDG Mapping	
1	Operations Research	ERP		400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100		100
2	Welfare Economics	ERP		400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100		100
3	Game Theory and Economic Decision N	ERP		400	Theory	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
* If Students are not undertaking research then they will be doing 3 theory courses in lieu of Dissertation/Project																				
Major Elective Basket -Applied Data & Quantitative Economics											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Data Analysis-I (Semester-5)	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
2	Data Analysis-II (Semester-6)	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Data Visualization for Economic (Semester-6)	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Big Data Economics (Semester-7)	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
Major Elective Basket -Financial Economics & Banking											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Banking, Capital Markets & Financial I	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
2	Financial Markets & Investment Analyt	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	International Finance (Semester-6)	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Investment Analysis and Portfolio Mana	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
Major Elective Basket -Development, Rural & Agricultural Economics											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Agriculture Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
2	Labour Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Rural Development	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Health Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
Major Elective Basket - Environmental, Energy & Sustainability Economics											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Economics of Sustainable Development	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
2	Energy Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Economics of Climate Change	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Environmental Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
Major Elective Basket -Behavioural, Political & Social Economics											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj
1	Introduction to behavioural Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
2	Political Economy	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
3	Gender Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
4	Behavioural Economics in Public Policy	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100	
Major Elective Basket - Technology, AI & Digital Economy											Evaluation Pattern								SDG Mapping	
Sl No	Course Name	Course Code	Course Category (Integrated/Blended/ Comprehensive)	Course Type	Course Level							Rubric and Assessment Tools					SEE Marks	Max. Marks		
						L	T	P	S	C	H	QUIZ 1/IA 1	MTE	QUIZ2/IA2	LAB	LAB Test				arse-based Proj

1	Introduction to Programming/ Advanced Programming for Economic Applications	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100
2	Economics of Artificial Intelligence	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100
3	FinTech and Digital Economy	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100
4	Data Base Management system/ Advanc	ERP	Major Elective	Theory	300	4	0	0	0	4	4	25	50	25	0	0	0	100	100