School of Liberal Educa_Department of Economics										
Program Structure_B.Sc(H) Economics / B.Sc(H) Economics with Research										
1 Year										
1 Semester										
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Micro Economics-I	ERP	Major	100	Theory	4	0	0	0	4	4
2	Macro Economics-I	ERP	Major	100	Theory	4	0	0	0	4	4
3	AI and its Applications	ERP	Minor	100	Integrated	3	0	1	0	4	5
4	Fundamentals of Computing	ERP	IDC-1	100	Theory	3	0	0	0	3	3
5	First Aid and Health	ERP	SEC-1	100	Theory	3	0	0	0	3	3
6	Communicative English-I	ERP	AEC-1	100	Integrated	1	0	1	0	2	3
7	Understanding India/Peace Education /Universal	ERP	VAC-1	100	Project	0	2	0	0	2	2
Total Credits										22	
2 Semester											
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Micro Economics-II	ERP	Major	100	Theory	4	0	0	0	4	4
2	Macro Economics-II	ERP	Major	100	Theory	4	0	0	0	4	4
3	Physical Chemistry	ERP	Minor	100	Integrated	3	0	1	0	4	5
4	Mathematical Physics	ERP	IDC-2	100	Theory	3	0	0	0	3	3
5	Communicative English-II	ERP	AEC-2	100	Integrated	1	0	1	0	2	3
6	Statistical Software Package-SPSS	ERP	SEC-2	100	Integrated	1	0	2	0	3	5
7	Heartfulness Enabled Leadership Mastry/Cyber Secur	ERP	VAC-2	100	Project	0	2	0	0	2	2
Total Credits										22	
2 Year											
3 Semester											
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Statistics for Economics	ERP	Major	200	Major	4	0	0	0	4	4
2	Partial Differential Equations	ERP	Major	200	Theory	4	0	0	0	4	4
3	Data Structures & Algorithms	ERP	Minor	200	Theory	4	0	0	0	4	4
4	Python Programming	ERP	IDC-3	200	Theory	3	0	0	0	3	3
5	Hindi/Japanese/ German/ French -1	ERP	AEC-3	200	Integrated	2	0	0	0	2	2
6	Advance R	ERP	SEC-3	200	Integrated	1	0	2	0	3	5
7	Financial Literacy / Environment studies	ERP	VAC-3	200	Theory	2	0	0	0	2	2
Total Credits										22	
4 Semester											
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Probability and Statistics	ERP	Major	200	Integrated	3	0	1	0	4	5
2	Operation Research -I	ERP	Major	200	Theory	4	0	0	0	4	4
3	Development Economics	ERP	Major	200	Comprehensive	2	0	1	1	4	4
4	Research Methodology	ERP	Major	200	Theory	4	0	0	0	4	4
5	Data Base Management system	ERP	Minor	200	Comprehensive	2	0	1	1	4	7
6	Hindi/Japanese/ German/ French -II	ERP	AEC-4	200	Theory	2	0	0	0	2	2
Total Credits										22	
3 Year											
5 Semester											
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Econometric Analysis I	ERP	Major	300	Integrated	3	0	1	0	4	5
2	Operation Research -II	ERP	Major	300	Theory	4	0	0	0	4	4
3	Major-Elective 1	ERP	Major-Elective	300	Comprehensive	4	0	0	0	4	4
4	Data Sciences (R Prog)	ERP	Minor	300	Theory	4	0	0	0	4	4
5	Internship	ERP	Internship	300	Theory	0	2	0	0	4	2
Total Credits										20	
6 Semester											
Sl No	**Course Name**	**Course Code**	**Course Type**	**Course Level**	**Course Category (Integrated/Bleded/**	**L**	**T**	**P**	**S**	**C**	**H**
1	Econometric Analysis II	ERP	Major	300	Integrated	3	0	1	0	4	5
2	Major-Elective-2	ERP	Major-Elective	300	Theory	4	0	0	0	4	4
3	Major-Elective-3	ERP	Major-Elective	300	Comprehensive	4	0	0	0	4	4
4	Seminar/Mooc	ERP	Major	300	Practical	0	2	0	2	2	2
5	Project	ERP	Major Project	300	Practical	0	2	0	2	2	8

Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/Bleded/ C	L	T	P	S	C	H
6	Computing Techonology	ERP	Minor	300	Theory	4	0	0	0	4	4
	Total Credits									20	

4 Year

7 Semester

Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/Bleded/ C	L	T	P	S	C	H
1	Major-Elective 4	ERP	Major-Elective	400	Theory	4	0	0	0	4	4
2	Major-Elective 5	ERP	Major-Elective	400	Comprehensive	2	0	1	1	4	4
3	Major-Elective 6	ERP	Major-Elective	400	Theory	4	0	0	0	4	4
4	Statistical Analysis using R	ERP	Minor	400	Blended	3	0	1	0	4	5
5	Software Economics	ERP	Major	400	Theory	4	0	0	0	4	4
	OR										
5	Dissertation on Minor	ERP	Project	400	Research Project	0	2	0	0	4	2
	Total Credits									20	

8 Semester

Sl No	Course Name	Course Code	Course Type	Course Level	Course Category (Integrated/Bleded/ C	L	T	P	S	C	H
1	Time Series Econometrics		Major	400	Integrated	3	0	1	0	4	5
2	Digital Empowerment		Minor	400	Theory	4	0	0	0	4	4
3	Dissertation on Major		Project	400	Practical	0	2	0	0	12	4
	Total Credits									20	
	OR										
1	Operations Research	ERP		400	Theory	4	0	0	0	4	4
2	Welfare Economics	ERP		400	Theory	4	0	0	0	4	4
3	Game Theory and Economic Decision Making	ERP		400	Theory	4	0	0	0	4	4
	* If Students are not undertaking research then they will be doing 3 theory courses in lieu of Dessertation/Project										

Major Elective Basket -I											
Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Development Economics - I	ERP	Major Elective	Theory	300	4	0	0	0	4	4
2	Financial Markets	ERP	Major Elective	Theory	300	4	0	0	0	4	4
3	Health Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4
4	Labour Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4

Major Elective Basket -II											
Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Environmental Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4
2	Public Economics -I	ERP	Major Elective	Theory	300	4	0	0	0	4	4
3	Financial Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4
4	AI for Economics -I	ERP	Major Elective	Theory	300	4	0	0	0	4	4

Major Elective Basket -III											
Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Development Economics - II	ERP	Major Elective	Theory	300	4	0	0	0	4	4
2	Money and Capital Market	ERP	Major Elective	Theory	300	4	0	0	0	4	4
3	Economics of Education	ERP	Major Elective	Theory	300	4	0	0	0	4	4
4	Migration and Urbanization	ERP	Major Elective	Theory	300	4	0	0	0	4	4

Major Elective Basket -IV											
Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Economics of Sustainable Development	ERP	Major Elective	Theory	300	4	0	0	0	4	4
2	Public Economics -II	ERP	Major Elective	Theory	300	4	0	0	0	4	4
3	Industrial Economics	ERP	Major Elective	Theory	300	4	0	0	0	4	4
4	AI for Economics -II	ERP	Major Elective	Theory	300	4	0	0	0	4	4

Major Elective Basket -V

Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Introduction to behavioural Economics	ERP		Major Elective	Theory	300	4	0	0	0	4	4
2	Behavioural Finance	ERP		Major Elective	Theory	300	4	0	0	0	4	4
3	Behavioural Game Theory	ERP		Major Elective	Theory	300	4	0	0	0	4	4
4	Behavioural Economics in Public Policy	ERP		Major Elective	Theory	300	4	0	0	0	4	4

Major Elective Basket -VI											
Sl No	Course Name	Course Code	Comprehensive)	Course Type	Course Level	L	T	P	S	C	H
1	Economics and Infrastructure	ERP		Major Elective	Theory	300	4	0	0	0	4	4
2	Infrastructure and Economic Growth	ERP		Major Elective	Theory	300	4	0	0	0	4	4
3	Infrastructure Development in India	ERP		Major Elective	Theory	300	4	0	0	0	4	4
4	Finance for Infrastructure	ERP		Major Elective	Theory	300	4	0	0	0	4	4