

FORM NO. F/CDD/004  
Rev.00 Date 20.03.2020

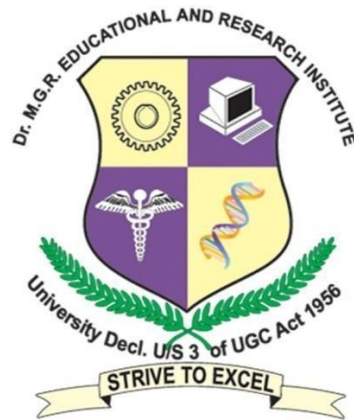


**Dr. M.G.R.**  
**EDUCATIONAL AND RESEARCH INSTITUTE**  
**DEEMED TO BE UNIVERSITY**  
University with Graded Autonomy Status  
(An ISO 21001 : 2018 Certified Institution)  
Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.



## **FACULTY OF HOTEL MANAGEMENT CULINARY ARTS AND DE-NOVO COURSES**

### **LEARNING OUTCOME BASED CURRICULUM**



### **B.A ECONOMICS**

**(FULL TIME)**

### **CURRICULUM & SYLLABI**

**As per 2022-2023 Regulations**

**Students admitted from the academic year 2022-2023**

### **DEPARTMENT OF ECONOMICS**

# **DEPARTMENT OF ECONOMICS**

## **VISION STATEMENT:**

To provide a quality education in economics to develop future leaders of industry, government and civil society.

## **MISSION STATEMENT:**

1. To ensure that our students have the integrative and critical thinking skills as well as quantitative and qualitative abilities to analyze complex domestic economic, social and global problems.

2. To ascertain that our students have the necessary interpersonal, communication and leadership skills so that they can function as responsible citizens and effective leaders.

3. To create a collaborative teaching and learning environment that emphasizes social responsibility, ethical decision-making and a global perspective.

## **PROGRAMME OUTCOMES**

**PO1:Disciplinary knowledge:** Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.

**PO2: Communication Skills:** :Ability to understand and express thoughts and ideas effectively in writing and orally; and present complex information in a clear and concise manner to different groups.

**PO3:Critical and Reflective thinking:** Capability to apply analytic thought to analyze and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach. Critical sensibility, with self awareness and reflexivity of both self and society.

**PO4:Research-related skills:** Ability to recognize cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyze, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation.

**PO5: Team work and Leadership qualities** : Function effectively as an individual, and as a team member or leader in diverse teams, and in multidisciplinary environment.

**PO6: Information/digital literacy:** Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data and further presentation.

**PO7: Multicultural competence and knowledge of heritage:** Possess knowledge of the values and beliefs of multiple cultures to effectively engage globally in a multicultural society and interact respectfully with diverse groups. Ability to understand and propagate heritage values.

**PO8: Moral and ethical awareness:** Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.

**PO9: Lifelong learning:** Ability to update knowledge and skills, participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives.

## **PROGRAM SPECIFIC OUTCOMES**

PSO 1: Understand the concepts, theories, nature, scopes, principles and procedures in Economics.

PSO2: Understand the Working of Indian and World Economic scenario.

PSO3: Contribution of Business Statistics, Mathematics and multi disciplinary subjects related to Economics.

PSO4: Analyze the various economic problems and execute investigative research and to develop the skill of writing report in research work.

## **PROGRAM EDUCATIONAL OBJECTIVES**

PEO1: Be able to understand the ideas, concepts, tools, theories, and models of economics.

PEO2: Be able to demonstrate an integration of the subdivisions within economics such as economic development, financial economics, health economics, economic thought, monetary and fiscal policy, international finance, and the application of these subdivisions to current economic issues and problems.

PEO3: Be able to express and communicate economic ideas accurately, professionally, and succinctly by effectively applying relevant economic sources and data in various written formats.

PEO4: Be able to gather and analyze relevant data as well as critically evaluate economic policies, models and theories.

**PEOWITH MISSION STATEMENT MAPPING**

	<b>M1</b>	<b>M2</b>	<b>M3</b>
<b>PEO1</b>	3	2	2
<b>PEO2</b>	3	2	2
<b>PEO3</b>	3	3	3
<b>PEO4</b>	3	2	3

**PEO WITH PO MAPPING**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
<b>PEO1</b>	3	3	2	1		3			3
<b>PEO2</b>	3	3	3	1		3		1	3
<b>PEO3</b>	3	3	3	1		3		2	3
<b>PEO4</b>	3	3	3	3		3		3	3

**PEO-PSO MAPPING**

	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>
<b>PEO1</b>	3	3		1
<b>PEO2</b>	3	3		1
<b>PEO3</b>	3	3		2
<b>PEO4</b>	3	3	2	2

## SEMESTER – I

### Theory

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/ IE
HBTA22001/ HBFR22001/ HBHI22001	LANGUAGE I (TAMIL I /FRENCH I /HINDI I)	3	3	0/0	0/0	Ty
HBEN22001	ENGLISH I	3	3	0/0	0/0	Ty
HBPY22ID1	ALLIED-I HEALTH AND YOGA	3	3	0/0	0/0	Ty
HBEM22001	MICRO ECONOMICS I	4	4	0/0	0/0	Ty
HBEM22002	INDIAN ECONOMY AND DEVELOPMENT	4	4	0/0	0/0	Ty

### Practical

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/IE
HBCC22L01	COMPUTER SOFTWARE LAB	1	0	0/0	2/0	Lb
HBCC22I01	COMMUNICATION SKILLS (English Lab)	1	0	0/0	2/0	IE
HBCC22I02	SOFTSKILL – I	1	0	0/0	2/0	IE

**Credits Sub Total: 20**

## SEMESTER – II

### Theory

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/IE
HBTA22002/ HBFR22002/ HBHI22002	LANGUAGE II (TAMIL II/FRENCH II/HINDI II)	3	3	0/0	0/0	Ty
HBEN22002	ENGLISH II	3	3	0/0	0/0	Ty
HBSW22ID1	ALLIED-II HUMAN RIGHTS IN INDIA	3	3	0/0	0/0	Ty
HBEM22003	MICRO ECONOMICS II	4	4	0/0	0/0	Ty
HBEM22004	MODERN ECONOMIC THOUGHT	4	4	0/0	0/0	Ty

### Practical

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/ IE
HBEM22ET1	VALUE EDUCATION	1	1	0/0	1/0	ETP
HBSW22IL1	FIELD WORK	1	0	0/0	2/0	Lb
HBCC22I03	SOFT SKILLS – II	1	0	0/0	2/0	IE

**Credits Sub Total: 20**



## SEMESTER – III

### Theory

Course Code	Course Title	C	L	T/ SLr	P/R	Ty / Lb/ ETP/IE
HBFS22ID1	ALLIED-III FOOD SAFETY AND QUALITY CONTROL	3	3	0/0	0/0	Ty
HBEM22005	MACRO ECONOMICS I	4	4	0/0	0/0	Ty
HBEM22006	MONETARY ECONOMICS	4	4	0/0	0/0	Ty
HBEM22007	ENVIRONMENTAL ECONOMICS	4	3	1/0	0/0	Ty
HBMA22001	STATISTICS FOR ECONOMICS	4	3	1/0	0/0	Ty

### Practical

Course Code	Course Title	C	L	T/ SLr	P/R	Ty / Lb/ ETP/IE
HBEM22ET2	BASIC RESEARCH METHODOLOGY IN ECONOMICS	1	1	0/0	1/0	ETP
HBCC22I05	SOFT SKILL III QUALITATIVE AND QUANTITATIVE TECHNIQUES	1	0	0/0	2/0	IE
HBCC22I04	STATISTICAL AND NUMERICAL METHODS WITH PROGRAMMING	2	0	3/0	0/0	IE

**Credits Sub Total: 23**

## SEMESTER – IV

### Theory

Course Code	Course Title	C	L	T/ SLr	P/R	Ty / Lb/ ETP/ IE
HBPP22ID1	ALLIED-IV BASIC INTRODUCTION TO CONSTITUTION OF INDIA	3	3	0/0	0/0	Ty
HBEM22008	MACRO ECONOMICS II	4	4	0/0	0/0	Ty
HBEM22009	DEVELOPMENT ECONOMICS	4	4	0/0	0/0	Ty
HBXX22OEX	OPEN ELECTIVE-I	3	3	0/0	0/0	Ty
HBEM22EXX	PROGRAMME ELECTIVE-I	3	3	0/0	0/0	Ty

### Practical

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/IE
HBXX22OLX	OPEN ELECTIVE LAB	2	0	0/0	3/0	Lb
HBEM22I01	TRAINING FOR COMPETITIVE EXAMINATIONS AND EMPLOYABILITY SKILLS	1	1	0/0	1/0	IE
HBEM22I02	SOCIAL ACCOUNTABILITY TOOLS AND TECHNIQUES	1	1	0/0	1/0	IE

**Credits Sub Total: 21**

## SEMESTER – V

### Theory

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/IE
HBEM22010	FISCAL ECONOMICS	4	4	0/0	0/0	Ty
HBEM22011	INTERNATIONAL ECONOMICS	4	4	0/0	0/0	Ty
HBEM22EXX	PROGRAMME ELECTIVE-II	4	3	1/0	0/0	Ty
HBXX22OEX	OPEN ELECTIVE-II	3	3	0/0	0/0	Ty
HBEM22SEX	SKILL ENHANCEMENT ELECTIVE-I	3	3	0/0	0/0	Ty

### Practical:

Course Code	Course Title	C	L	T/SL r	P/R	Ty / Lb/ ETP/ IE
HBEM22ET3	TAXES AND TAX EXERCISE	1	1	0/0	1/0	ETP
HBCC22I07	NCC/NSS/Internship	1	0	0/0	2/0	IE
HBFL22IXX	FOREIGN LANGUAGE	1	1	0/0	0/0	IE

**Credits Sub Total: 21**

## SEMESTER – VI

### Theory:

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/ IE
HBEM22EXX	PROGRAMME ELECTIVE-III	4	4	0/0	0/0	Ty
HBCC22001	ENVIRONMENTAL STUDIES	3	3	0/0	0/0	Ty
HBCC22002	ENTREPRENURSHIP DEVELOPMENT	3	3	0/0	0/0	Ty
HBEM22SEX	SKILL ENHANCEMENT ELECTIVE-II	3	3	0/0	0/0	Ty

### Practical:

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/IE
HBEM22L01	RESERACH PROJECT IN ECONOMICS	9	0	0/0	18/0	Lb
HBCC22ET1	UNIVERSAL HUMAN VALUES	3	2	0/0	2/0	ETP

**Credits Sub Total: 25**

### TOTAL CREDIT SUMMARY (SEMESTER I –VI)

CREDIT SUMMARY	
I SEMESTER	20
II SEMESTER	20
III SEMESTER	23
IV SEMESTER	21
V SEMESTER	21
VI SEMESTER	25
<b>Total Credits</b>	<b>130</b>

## SEMESTER – VII

### Theory

Course Code	Course Title	C	L	T/SLr	P/R	Ty / Lb/ ETP/ IE
HBCC22003	RESEARCH METHODOLOGY	3	3	0/0	0/0	Ty
HBEM22012	LABOUR ECONOMICS	4	4	0/0	0/0	Ty
HBEM22013	BASIC ECONOMETRICS	4	4	0/0	0/0	Ty
HBEM22014	TAMILNADU ECONOMY	4	4	0/0	0/0	Ty

### Practical

Course Code	Course Title	C	L	T/S Lr	P/R	Ty / Lb/ ETP/IE
HBEM22L02	MINI PROJECT	2	0	0/0	4/0	Lb
HBEM22I03	INDUSTRY INTERNSHIP	1	0	0/0	2/0	IE

**Total credits:18**

## **SEMESTER – VIII**

### **Theory**

<b>Course Code</b>	<b>Course Title</b>	<b>C</b>	<b>L</b>	<b>T/SL r</b>	<b>P/R</b>	<b>Ty / Lb/ ETP/ IE</b>
HBCC22004	STARTUP STRATEGIES	3	3	0/0	0/0	Ty
HBCC22005	DIGITAL MARKETING	3	3	0/0	0/0	Ty
HBCC22006	INTELLECTUAL PROPERTY RIGHTS AND PATENT	3	3	0/0	0/0	Ty

### **Practical**

<b>Course Code</b>	<b>Course Title</b>	<b>C</b>	<b>L</b>	<b>T/SL r</b>	<b>P/R</b>	<b>Ty / Lb/ ETP/ IE</b>
HBEM22L03	MAJOR PROJECT	6	0	0/0	12/0	Lb
HBEM22I04	RESEARCH PUBLICATION	2	0	0/0	4/0	IE

**Total credits:17**

**Total no. of credits (I to VIII semesters):165**

**List of OPEN ELECTIVE-2022 Regulations.**

**For All H&S, Management Studies and Computer application faculties-UG Programmes.**

Offering Department	S.NO	Theory/Lab	Subject Code	Subject Name
Mathematics	1.	Theory	HBMA22OE1	Graph Theory
	2.	Theory	HBMA22OE2	Optimization Techniques
Physics	3.	Theory	HBPH22OE1	Fundamentals of Optics and Sound
	4.	Theory	HBPH22OE2	Every day Physics
	5.	Lab	HBPH22OL1	Basic Physics lab
Computer Science	6.	Theory	HBCS22OE1	Office Automation
	7.	Theory	HBCS22OE2	Fundamentals of Computer and Internet
	8.	Lab	HBCS22OL1	Multimedia lab
Economics	9.	Theory	HBEM22OE1	Indian Economy
	10.	Theory	HBEM22OE2	Gender Economics
Chemistry	11.	Theory	HBCH22OE1	<b>Chemistry in our Daily Life</b>
	12.	Theory	HBCH22OE2	Food Chemistry
	13.	Lab	HBCH22OL1	General Chemistry Lab
English	14.	Theory	HBEN22OE1	English For Media
	15.	Theory	HBEN22OE2	Creative Writing
Geology	16.	Theory	HBGE22OE1	Disaster Mitigation and Management
	17.	Theory	HBGE22OE2	Remote Sensing and GIS
	18.	Lab	HBGE22OL1	Remote sensing and GIS lab
Psychology	19.	Theory	HBPY22OE1	Health & Yoga
	20.	Theory	HBPY22OE2	Organizational Behavior
	21.	Lab	HBPY22OL1	Understanding Self & Others
Fashion Design	22.	Theory	HBFD22OE1	Applications of Textiles

	23.	Theory	HBFD22OE2	Introduction to Fashion
	24.	Lab	HBFD22OL1	Embroidery Practical Lab
Computer Applications	25.	Theory	CBCA22OE1	Web design
	26.	Theory	CBCA22OE2	E-Commerce
	27.	Lab	CBCA22OL1	Web Designing Laboratory
Food Science Nutrition and Dietetics	28.	Theory	HBFS22OE1	Principles of Nutrition
	29.	Theory	HBFS22OE2	Food Safety and Quality Control
	30.	Lab	HBFS22OL1	Community Nutrition Practical
Hotel Management and Catering Technology	31.	Theory	HBHM22OE1	Fundamentals of Food Production and Patisserie
	32.	Theory	HBHM22OE2	Bakery and Confectionery Basics
	33.	Lab	HBHM22OL1	Fundamentals Front office operation practical
Defense and Strategic Studies	34.	Theory	HBDS22OE1	Independent India
	35.	Theory	HBDS22OE2	Human Rights
Financial Planning	36.	Theory	MBFP22OE1	Marketing of Financial Services
	37.	Theory	MBFP22OE2	Business strategy
	38.	Lab	MBFP22OL1	Interview Techniques
Bio Technology	39.	Theory	HBBT22OE1	Food and Nutrition
	40.	Theory	HBBT22OE2	Human Physiology
	41.	Theory	HBBT22OE3	Basic Bioinformatics
	42.	Lab	HBBT22OL1	Basic Bioinformatics Lab
Physical Education and Sports	43.	Theory	HBPE22OE1	Rule of Games and Sports
	44.	Theory	HBPE22OE2	Health and Fitness
Human Resource	45.	Theory	HBHR22OE1	Workplace Counseling



	46.	Theory	HBHR22OE2	Corporate Social Responsibility
Information Science and Cyber forensics	47.	Theory	HBCF22OE1	Introduction to Data Science
	48.	Theory	HBCF22OE2	Data Mining
	49.	Theory	HBCF22OE3	Introduction to IoT
	50.	Theory	HBCF22OE4	Introduction to Big Data
	51.	Lab	HBCF22OL1	Data Science Lab
	52.	Lab	HBCF22OL2	Data Mining Lab
Management Studies	53.	Theory	MBBA22OE1	Principles of Management and Science
	54.	Theory	MBBA22OE2	Business Ethics

**Note: HODs can permit their students to choose open electives from the above list, other than their own department electives.**

### **LIST OF FOREIGN LANGUAGES-2022 REGULATION**

S.NO	COURSE CODE	COURSE NAME
1.	HBFL22I01	French
2.	HBFL22I02	German
3.	HBFL22I03	Japanesh
4.	HBFL22I04	Arabic
5.	HBFL22I05	Chinese
6.	HBFL22I06	Russian
7.	HBFL22I07	Spanish

**LIST OF PROGRAMME ELECTIVE-2022 REGULATIONS**

**PROGRAMME ELECTIVE-I**

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT NAME</b>
1	HBEM22E01	HEALTH ECONOMICS
2	HBEM22E02	RURAL ECONOMICS

**PROGRAMME ELECTIVE-II**

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT NAME</b>
1	HBEM22E03	AGRICULTURAL ECONOMICS
2	HBEM22E04	INDUSTRIAL ECONOMICS

**PROGRAMME ELECTIVE-III**

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT NAME</b>
1	HBEM22E05	MANAGERIAL ECONOMICS
2	HBEM22E06	FINANCIAL SERVICES

**LIST OF SKILL ENHANCEMENT ELECTIVE-2022 REGULATIONS**

**SKILL ENHANCEMENT ELECTIVE-I**

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT NAME</b>
1.	HBEM22SE1	EVENT MANAGEMENT
2.	HBEM22SE2	REPORTING AND EDITING

**SKILL ENHANCEMENT ELECTIVE-II**

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT NAME</b>
1.	HBEM22SE3	CAREER AND LIFE PLANNING
2.	HBEM22SE4	PUBLIC RELATIONS

**Table 1: Credit Distribution Format (for 4 year B.A Economics Hons.)**

S. No	CATEGORY	Description	No.of Courses	Credits	Total	Credit Weightage	Contact hours
1	CORE COURSES	Core Theory	15	60	64	39%	900 hrs
		Core Lab	4	4			120 hrs
2	ELECTIVE COURSES	Department Core Electives/ Skill enhancement electives	5	18	18	11%	225 hrs
3	OPEN ELECTIVES	Open Elective theory	2	6	8	5%	90 hrs
		Open Elective Lab	1	2			30 hrs
4	INTERDISCIPLINARY/ ALLIED COURSES	Theory	4	12	14	8%	180 hrs
		Lab	2	2			60 hrs (30 each)
5	HUMANITIES & SOCIAL SCIENCES , LIFE SKILLS &SOFT SKILLS	Language 1 & 2	2	6	22	13%	90 hrs
		English 1 & 2	2	6			90 hrs
		Soft Skills	3	3			90 hrs
		Life Skill					
		Foreign Language	1	1			30 hrs
		Environmental Studies	1	3			45 hrs
		Management Papers					
Entrepreneurship Development	1	3	45 hrs				
6	PROJECTS/INTERNSHIP/ CORE SKILL	Project	3	17	18	11%	510 hrs
		Core Skills					
		Internship / NSS / NCC	1	1			60 hrs
7	ENGINEERING SCIENCES						
8	ANY OTHER	Research publication	1	2	21	13%	60 hrs
		Computer software lab (MS office tools)	1	1			30 hrs

		Communication skills (English Lab)	1	1			30 hrs
		Statistical and numerical methods with programming	1	1			30 hrs
		Universal Human Values	1	3			45 hrs
		Research methodology	1	3			45 hrs
		Industry Internship	1	1			
		Startup strategies	1	3			45 hrs
		Digital marketing	1	3			45 hrs
		Intellectual property rights	1	3			45 hrs
<b>Total</b>					<b>165</b>	<b>100%</b>	<b>2940</b>

**Table 1: Credit Distribution Format (for 3 years B.A Economics)**

S. No	CATEGORY	Description	No.of Courses	Credits	Total	Credit Weightage	Contact hours
1	CORE COURSES	Core Theory	12	48	52	40%	576 hrs (60 each)
		Core Lab	4	4			120 hrs (30 each)
2	ELECTIVE COURSES	Department Core Electives/ Skill enhancement electives	5	17	17	14%	225 hrs (45 each)
3	OPEN ELECTIVES	Open Elective theory	2	6	8	6%	90 hrs (45 each)
		Open Elective Lab	1	2			30 hrs (each)
4	INTERDISCIPLINARY/ ALLIED COURSES	Theory	4	12	14	11%	180 hrs (each)
		Lab	2	2			60 hrs (30 each)
5	HUMANITIES & SOCIAL SCIENCES , LIFE SKILLS &SOFT SKILLS	Language 1 & 2	2	6	22	17%	90 hrs (45 each)
		English 1 & 2	2	6			90 hrs (45 each)
		Soft Skills	3	3			90 hrs (each)
		Life Skill					
		Foreign Language	1	1			30 hrs
		Environmental Studies	1	3			45 hrs
		Management Papers					
6	PROJECTS/INTERNSHIP/ CORE SKILL	Project	1	9	10	8%	270 hrs
		Core Skills					
		Internship / NSS / NCC	1	1			30hrs
7	ENGINEERING SCIENCES						
8	ANY OTHER	Computer software lab (MS office tools)	1	1	6	4%	60 hrs
							30 hrs

		Communication skills (English Lab)	1	1			
		Statistical and numerical methods with programming	1	1			30 hrs
		Universal Human Values	1	3			45 hrs
<b>Total</b>					<b>130</b>	<b>100%</b>	<b>2136</b>

**Table 2:Revision/modification done in syllabus content:**

S.No	Course (Subject ) Code	Course (Subject) Name	Concept/ topic if any, removed in current curriculum	Concept/topic added in the new curriculum	% of Revision/ Modification done
1.	HBEM22001	MICRO ECONOMICS I	Subject matter, the household, the firm and perfect & imperfect market structure	Definition of Economics, theories of consumer behavior, theory of production	30%
2.	HBEM22002	INDIAN ECONOMY	Economic development since independence, An assessment of performance , policies and performance, Population and Human development, poverty and inequality	Introduction to Growth and Development, Major Problems of Indian Economy, Economic planning and Reforms, Natural Resources and Economic Development, Infrastructure and Economic Development	50%
3.	HBEM22003	MICRO ECONOMICS II	General equilibrium, consumer theory, production and cost theory	Cost and revenue, factor pricing, pricing strategies	50%
4.	HBEM22005	MACRO ECONOMICS I	Fiscal and monetary policy	Saving function	20%
5.	HBMA22A11	STATISTICS FOR ECONOMICS	Statistics and data collection, MS Excel	Basis of statistics, index number	20%
6.	HBEM22ET2	BASIC RESEARCH METHODOLOGY IN ECONOMICS		Profile of the study, data analysis and Interpretation,	50%

				finding, conclusion, suggestion	
7.	HBEM22008	MACRO ECONOMICS II	Post Keynesian theories, theory of income stabilization	Aggregate demand and supply, new classical and Keynesian	40%
8.	HBEM22009	DEVELOPMENT ECONOMICS	Demographic concepts, Political Economy	Concept of development, measures for development	40%
9.	HBEM22011	INTERNATIONAL ECONOMICS		Tariffs Quota	20%
10.	HBEM22E02	RURAL ECONOMICS	Rural society, Rural Social Institutions, social Change	Rural Unemployment and poverty, Rural Development Programmes, Rural Finance	40%
11.	HBEM22E03	AGRICULTURAL ECONOMICS	Production function, growth and productivity	Agriculture credit system, agriculture marketing and pricing	40%



**Table3:List of New courses/ value added courses//life skills/Electives/interdisciplinary /courses focusing on employability/entrepreneurship/skill development.**

S.No	New courses (Subjects)	Value added courses	Life skill	Electives	Inter Disciplinary	Focus on employability/entrepreneurship /skill development.
1	Modern Economic Thought	Soft Skill I	Value Education	Health Economics	Human Rights In India	Computer Software Lab
2	Monetary Economics	Soft Skill II	Foreign Language	Industrial Economics	Yoga and Health	Statistical and Numerical Methods with programming
3	Fiscal Economics	Soft Skill III	Universal Human Value	Managerial Economics	Food Safety and Quality Control	Training for Competitive Examination and Employment Skills
4	Basic Econometrics	Internship		Financial Services	Basic Introduction to Constitution of India	Social Accountability tools and Techniques
5	Tamilnadu Economy	Research Publication		Gender Economics		Taxes and Tax Exercise
6		Foreign language		Indian Economy		Entrepreneurship Development
7				Rural Economics		Startup Strategies
8				Agricultural Economics		Environmental Studies
9				Reporting and Editing		Digital Marketing
10				Public Relations		Intellectual Property Rights and patent
11				Event Management		Research Methodology
12.				Career and Life Planning		Projects
13.						Industrial Visit
14.						Communication Skills
15.						Research Project

# **SEMESTER – I**

<b>Subject Code:</b> HBTA22001	<b>Subject Name:</b> TAMIL PAPER – I	<b>Ty /Lb/ ETP</b>	<b>L</b>	<b>T/ S.L r</b>	<b>P/ R</b>	<b>C</b>
	<b>Prerequisite:</b> Higher secondary	Ty	3	0/0	0/0	3

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/EL  
: Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

- Understand the aims and objectives of teaching Tamil.
- Understand the rationale for learning Tamil.
- To motivate and stimulate the students to overcome their inferiority complex and improve fluency in the language.
- Learn significance of spoken skill.
- The relationship between language & culture and the implications for language teaching.

**COURSE OUTCOMES (Cos)** - Students completing this course were able to

<b>CO1</b>	Tamil students are actively engaged in learning Tamil language and culture in a meaningful setting
<b>CO2</b>	Focus on applying the language in real life situations.
<b>CO3</b>	Use proficiency descriptors to motivate learners to progress to the next stage of learning. .
<b>CO4</b>	Lessons are customized to arouse students interest and ignite the joy of learning Tamil language.
<b>CO5</b>	Develop a strong foundation in listening & speaking skills.

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
<b>CO1</b>	3	3	2	3	2	3	3	3	2
<b>CO2</b>	2	2	3	2	3	2	2	3	3
<b>CO3</b>	3	3	2	3	2	3	3	3	2
<b>CO4</b>	2	2	3	2	2	2	2	3	2
<b>CO5</b>	3	3	3	3	3	3	2	2	3

Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/internship	Others
				✓					

Subject Code: HBTA22001	Subject Name: TAMIL PAPER – I	Ty /Lb/ ETP	L	T/ S.L r	P/ R	C
	Prerequisite:	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits : Theory / Lab / Embedded Theory and Lab						T/L/EL

## பொதுத்தமிழ்

இளநிலைமாணாக்கருக்கு

B.A/B.Sc/B.Com/B.B.A/B.C.A/B.PES

HBTA22001

முதலாம்ஆண்டு - முதல்பருவம்

கற்றல்நோக்கம்: 1.மாணவர்களின்கவிதை,கட்டுரைஎழுதும்திறன்வளர்த்தல்  
2. தமிழில்பிழையின்றிபேசும்எழுதும்திறன்வளர்த்தல்

### அலகு- 1

11 மணிநேரம்

#### அ) மரபுக்கவிதை

- 1.செந்தமிழ்நாடு-மகாகவிபாரதியார்
- 2.தமிழின்இனிமை, இன்பத்தமிழ், எங்கள்தமிழ், சங்கநாதம் - பாரதிதாசன்
- 3.தமிழ்வளர்க்கசபதம் - நாமக்கல்கவிஞர்வெ.இராமலிங்கம்பிள்ளை
4. கோயில்வழிபாடு, வாழ்க்கைத்தத்துவங்கள் - கவிமணிதேசிகவிநாயகம்பிள்ளை
- 5.கும்மிப்பாடல் - சுத்தானந்தபாரதியார்
6. தமிழ்த்தாய்வாழ்த்து - மனோன்மணியம்பெ.சுந்தரம்பிள்ளை
- 7.விடுதலைவிளைத்தஉரிமை-கவியரசர்கண்ணதாசன்
8. அன்பெனும்பிடியுள்... .., முரசறைத்தல் - வள்ளலார்இராமலிங்கஅடிகள்

#### ஆ) புதுக்கவிதை

- 1.பாட்டாளிகளின்குரல் - பட்டுக்கோட்டைகலியாணசுந்தரம்
2. மகாத்மகாந்தியடிகள்-கவிஞர்வாலி
3. காகிதப்புக்கள் - நா.காமராசு
- 4.வள்ளுவர்வழங்கும்விடுதலை-ஈரோடுதமிழன்பன்
5. உலகம் - வைரமுத்து
6. இன்னமுதமாமழை - பேரா. முனைவர் பொற்கோ
- 7.தமிழ்ப்பற்று - மீரா
- 8.ஐந்தாம்வகுப்புஅபிரிவு - நா.முத்துக்குமார்

### அலகு - 2

7 மணிநேரம்

#### நாட்டுப்புறஇலக்கியம்

1. பொதுஅறிமுகம்
2. நாட்டுப்புறஇலக்கியவகைகள்
- 3.நாட்டுப்புறக்கலைகள்

### அலகு- 3

12 மணிநேரம்

#### அ) சிறுகதைகள்

1. தேங்காய்த்துண்டுகள் (மு.வரதராசனார்)
2. அறம் (மாலன்)
3. நாற்காலியும்நான்குதலைமுறைகளும் (திலகவதி)
4. அன்னையும்பிதாவும் (இராஜாஜி)
5. விடியுமா? (கு.ப.ராஜகோபாலன்)

#### ஆ) உரைநடை

1. மு.வ. என்னும்மந்திரம் (இரா.மோகன்)
2. தமிழிசைஇயக்கம் (க.வெள்ளைவாரணனார்)
3. மதுரைமாநகரம் (ரா.பி.சேதுப்பிள்ளை)

### அலகு - 4

6 மணிநேரம்

1. புதுக்கவிதை - தோற்றமும்வளர்ச்சியும்
2. உரைநடை - தோற்றமும்வளர்ச்சியும்
3. சிறுகதை - தோற்றமும்வளர்ச்சியும்

### அலகு - 5

9 மணிநேரம்

#### அ) இலக்கணம்

1. வழக்கு
2. தொகாநிலைத்தொடர்
3. எழுத்துப்போலி
4. பதவியல்

#### ஆ) மொழிப்பயிற்சி

1. தன்வினை-பிறவினை
2. ஒருமைபன்மைமயக்கம்
3. பிறமொழிச்சொற்களைநீக்குதல்
4. விண்ணப்பம்எழுதுதல்

<b>Course /subject Code</b>	<b>HBFR22001</b>	<b>Semester</b>	<b>I</b>				
Category	All UG Programs		<b>Ty /Lb/ ETP</b>	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>
Course Title	French I (THEORY)		Ty	3	0/0	0/0	3
L: Lecture T: Tutorial SLr: Supervised Learning P: Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab							
<b>Objectives</b>							
1. The students will acquire a different perspective of their own culture in relation to the French culture							
2. The students will discover new attitudes towards familiar practices							
3. The students will acquire a sense of the French language, its music and rhythms and basic usage.							
4. The students will acquire a comprehensive view of the European Union and the member states							

<b>Course Outcome</b>	<b>Course Outcome</b>	<b>Bloom's Level</b>
<b>CO 1</b>	Identify the French language from other European language and to show and tell French words and expression	Remembering
<b>CO 2</b>	Understand how the language works discovering the pronunciation	Understanding
<b>CO 3</b>	<ul style="list-style-type: none"> <li>Start writing short dialogues of greetings</li> <li>Try to interact with someone with life skill question – what where, who etc</li> <li>Describe persons and places</li> </ul>	Applying
<b>CO 4</b>	<ul style="list-style-type: none"> <li>Discover France and its physical tributes, develop an idea about the importance of France in the world affairs</li> <li>Analyze ideas in the content of short paragraphs, paintings etc., and everyday contexts.</li> <li>Appreciate the culture and uniqueness of France.</li> <li>Discuss in English various aspects of France and a new cultural events and compare with current scenario</li> <li>Answer with confidence in small sentences on everyday life.</li> </ul>	Analyzing
<b>CO 5</b>	<ul style="list-style-type: none"> <li>Develop enough confidence to introduce oneself and ask others simple questions about personal details.</li> <li>Interact as long as other person speaks slowly and clearly.</li> </ul>	Creating
<b>CO 6</b>	Plan a rendezvous ,a casual meeting by Interacting with basic sentences and expressions as long as the person to with whom he/she speaks can help to reformulate the sentences	Creating
<b>CO 7</b>	Write a simple message can fill a simple questionnaire .write ones names, nationality ,address etc. on a hotel registration card /passport etc.	Creating

### MAPPING OF Cos WITH POS

FRENCH-I (THEORY) LANGUAGE-I									
New subject code									
COURSE OUTCOMES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
COURSE OUTCOME 1	3	2	2	2	2	1	2	2	3
COURSE OUTCOME 2	2	2	2	2	1	1	3	2	3
COURSE OUTCOME 3	2	3	2	3	1	1	2	2	3
COURSE OUTCOME 4	3	3	3	2	2	2	2	3	3
COURSE OUTCOME 5	2	2	2	3	3	2	3	2	3
COURSE OUTCOME 6	3	3	2	2	3	3	3	3	3
COURSE OUTCOME 7	3	3	2	2	3	3	3	3	3

Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary/ Allied	Skill component	Practical/ Project/ Internship	Others
			✓						

Course /subject	Code	HBFR22001	Semester	I				
Category	All UG Programs		Ty/Lb /ETP	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>	
Course Title	French I (THEORY)		Ty	3	0/0	0/0	3	
L: Lecture T: Tutorial SLr: Supervised Learning P: Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab								

## UNIT I 9 Hrs

### Se saluer, La Graphie- écrire (compréhension orale, expression orale)

- Se Présenter-
  - La langue française
  - La Graphie – écrire L'alphabet, L'abécédaire
  - Les Accents et les Ponctuations
  - L'interaction de base.
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 – durée moins de 2 minutes)
  - **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercises, 6 audio reading compositions& 4 tests).

## UNIT II

9 Hrs

### S'informer-Interactions aidant des Compétences De base

- Des modèles interrogatifs
- Les nombres, demander le cout /le prix
- Demander l'heure, Les jours, Les mois de l'année.
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 – durée moins de 2 minutes)
- **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercises, 6 audio reading compositions& 4 tests).

## UNIT III

9 Hrs

### Localiser –La France

- Quelque symbole de la France.
  - La carte de l'Europe, La France dans le contexte international, La France et les Fuseaux horaires, La francophonie, L'union Européen
  - La France physique, industrielle, touristique rt administrative
  - Quelque symbole de Paris.
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 – durée moins de 2 minutes)
  - **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercises, 6 audio reading compositions& 4 tests).



## UNIT IV

9 Hrs

### Lire et prononcer Le française

- Les son française, les voyelles françaises, les sons nasaux, les consonné, Quelque sons uniques.
  - Les syllabus français, Les Rythme de la langue française.
- 
- **Clip audios** : Exercices orales, compositions orales et épreuves orales.(20 – durée moins de 2 minutes)
  - **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercises ,6 audio reading

## UNIT V

9 Hrs

### Observer et Comprendre

- La vie de la France quotidienne, En cas d'urgence.
  - La grammaire initiale
- 
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 – durée moins de 2 minutes)
  - **Audio clips** - For oral expressions, oral assignments and oral test -20 duration less than 2 minutes (10 oral exercises, 6 audio Reading compositions& 4 tests).

*Total Horus : 45*

### *Reference Books :*

1. **Parlez-vous français?Partie 1** - Dr.M.Chandrika.V.Unni & Mrs. Meena Mathews 2019 by Universal publisher
2. **CLE INTERNATIONAL** Lectures Clé en français facile. (2012) Hachette Paris
3. **Cosmopolite**: Livre d'élève A1 by Nathalie Hirsch sprung, Tony Tricot, Claude Le Ninan
4. **Latitudes-1** - Régine Mérieux & Yves l'oiseau, Didier 2017
5. **Alter Ego 1** - Catherine Dolez, Sylvie Pons : (2014) Hachette, Paris

Subject Code: HBHI22001	Subject Name: <b>HINDI I</b>	Ty/Lb / ETP	L	T/ S.Lr	P/R	C
	Prerequisite : Knowledge of Hindi	Ty	3	0/0	0/0	3
L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab						
<b>OBJECTIVES</b>						
<ol style="list-style-type: none"> <li>To Understand the Hindi Literature, culture and the usage of language in the various streams</li> <li>To Build up the Confidence in conversing in Hindi language.</li> <li>To acquire Knowledge of the usage of Hindi language in the various Government Offices</li> </ol>						

<b>COURSE OUTCOMES (Cos)</b>										
Students completing this course were able to										
<b>CO1</b>	understand the basic concepts and Origin of Hindi									
<b>CO2</b>	Know about the roots of Hindi Literature and its perspective and methods.									
<b>CO3</b>	Elaborate and understand philosophical methods of Hindi Literature.									
<b>CO4</b>	Evaluate the concept of Hindi from past to present and to study the society closely through Literature									
<b>CO5</b>	Understand the importance of Hindi in the contemporary world.									
Mapping of Course Outcome with Program Outcome (POs)										
<b>Sem</b>	<b>Coursecode: HBHI22001</b>									
<b>I</b>	<b>ProgrammeOutcomes(Pos)</b>									
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>		
<b>CO1</b>	3	2	3	2	3	3	3	3		
<b>CO2</b>	3	3	3	3	2	3	3	3		
<b>CO3</b>	3	3	2	3	3	3	3	3		
<b>CO4</b>	2	3	3	3	3	2	2	3		
<b>CO5</b>	3	3	3	3	3	2	2	3		
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>										
Category	Program core	Program Elective	Humanities &social Science	Open elective	Skill enhancing elective	Interdisciplinary /Allied	Skill component	Practical/ Project/ Internship	Others	
			✓							

Subject Code: HBHI22001	Subject Name: <b>HINDI I</b>	Ty/ Lb/ ETP	L	T / S.Lr	P/R	C
	Prerequisite : Knowledge of Hindi	Ty	3	0/0	0/0	3
L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab						

**UNIT - I Prose –Understanding the secret of the culture and how to draft the letters in Government offices, technical terms**

1. Sabhyata kaRahasya
2. PersonalApplications
3. LeaveLetters
4. Government Order
5. Administrative Terminology Hindi to English (25 Words)

**UNIT - II Prose-Understanding the human relations and also to know the procedures to open the account in the bank, technical terms**

1. Mitrata
2. Letter to theEditor
3. Opening anA/C
4. Demi OfficialLetter
5. Administrative Terminology English to Hindi ( 25 Words)

**UNIT-III Prose-the contribution of youth in developing India, drafting memo and technical things used in memo**

1. YuvavonSe
2. Application for Withdrawal
3. Circular
4. Memo
5. Administrative Terminology Hindi to English ( 25 Words)

**UNIT-IV Prose-The effect of Nuclear energy and usage of technical terms in offices**

1. Paramanu Oorja evam Khadya PadarthSanrakshan
2. Transfer of an A/C
3. Missing of Pass Book / ChequeLeaf
4. OfficialMemo
5. Administrative Terminology English to Hindi ( 25 Words)

**UNIT-V Prose-The Obstacles faced by the youth for getting employment, drafting complaint letters, technical terms**

1. Yougyata aur Vyavasay kaChunav
2. Complaints
3. Ordering forBooks
4. Notification
5. Official Noting Hindi to English ( 25 words)

**REFERENCE:**

1. Prayojan MoolakHindi:Dr. Syed Rahamathulla, PoornimaPrakashan 4/7, Begum III Street, Royapettah, Chennai – 14
- 2.Hindi Gadhya Mala Dr. Syed Rahamathulla, PoornimaPrakashan 4/7, Begum III Street, Royapettah, Chennai – 14

Subject Code: <b>HBEN22001</b>	<b>ENGLISH I</b>	Ty/ Lb/ ETP	L	T/ S.L r	P/R	C
	Total contact hours – 45	Ty	3	0/0	0/0	3
	Prerequisite – Plus2 English Language					
	Course designed by – Department of English					
<b>Objectives:</b>						
<ol style="list-style-type: none"> <li>demonstrate knowledge of vocabulary and sentence construction in appropriate contexts</li> <li>understand diverse forms of knowledge as expressed in social, historical and cultural contents</li> <li>attain a comprehensive knowledge of the communication skills and use it ethically</li> <li>use analytical and interpretative skills for research and variety of purposes.</li> <li>develop organized academic and business writing for professional careers</li> </ol>						
<b>Course Outcomes (Cos)</b>						
001	demonstrate knowledge of vocabulary and sentence construction in appropriate contexts					
002	understand diverse forms of knowledge as expressed in social, historical and cultural contents					
003	attain a comprehensive knowledge of the communication skills and use it ethically					
004	use analytical and interpretative skills for research and variety of purposes.					
005	develop organized academic and business writing for professional careers					
<b>Program Specific Objectives</b>						
PSO1	Understanding of the basic concepts of English language and literature.					
PSO2	Learning through literature in English, diverse historical cultural and social ethics					
PSO3	Application of literary critical perspectives to generate original analysis of literature in English					
PSO4	Promotion of cultural values and real-life skills through English language and literature					

1	<b>Mapping of course outcomes (Cos) with program outcomes (Pos)</b>								
(H/M/L indicates the strength of correlation) H= High; M= Medium; L= Low									
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	3	3	3	3	3	3	3	1	3
2	3	3	3	3	3	3	3	1	3
3	3	3	3	3	3	3	3	1	3
4	3	3	3	3	3	3	3	1	3
5	3	3	3	3	3	3	3	1	3
2	<b>Mapping of course outcomes (Cos) with program Specific outcomes (PSOs)</b>								
H/M/L Indicates Strength of Correlation : H- High; M- Medium; L- Low									
Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary/Allied	Skill component	Practical/ Project/ Internship	Others
			✓						

Subject Code: <b>HBEN22001</b>	<b>Subject Name: LANGUAGE II - ENGLISH I</b>	Ty/ Lb/ ETP/ IE	L	T / S.Lr	P/R	C
	<b>(Common to all UG Programs under H&amp;S)</b>	Ty	3	0/0	0/0	3
	Prerequisite – Plus2 English Language					
	Course designed by – Department of English					

### Course Objectives:

The course will facilitate the students to

1. Develop English Language skills (LSRW) to communicate in English without any inhibition.
2. Learn vocabulary and syntax to be fluent in English for social and academic communication
3. Demonstrate content knowledge through appropriate language use for academic success.
4. Develop in them analytical and interpretative skills for research, projects, placement etc.,
5. Engage in academic and business writing with a focus on social and professional ethics.

### Unit I: Prose

**9 hours**

1. Beware the Loss of Bio-Diversity
2. The Urban –Rural Divide
3. Grading Down Plastics
4. The Unsung Hero of COVID-19 in India
5. From aircrafts to drones
6. My Vision for India

### Unit II: Poetry

**9 hours**

1. On Killing a Tree
2. The Road Not Taken
3. Anthem for Doomed Youth

### Unit III: Short Story

**9 hours**

1. Portrait of a Lady
2. The Connoisseur

### Unit IV: Drama

1. The Never-Never Nest
2. Frederick Douglass

### Unit V: Functional Grammar – Charts & LSRW Development

#### Functional Grammar: (*Grammar exercises spread up in all four units*)

Parts of speech- use of articles- prepositions – their uses – verb + prepositions- words followed by prepositions – modals -tenses- active -passive- impersonal passive forms- concord- conditional sentences – question tags - Common errors - Punctuation

Vocabulary development- word formation - prefixes-suffixes – synonyms-antonyms – homophones -homonyms – words often confused

#### Charts/Diagrams and their interpretation - their use

Tables- Tree diagram - Pie chart- Flow chart- Bar chart

**Letters:** Formal and Informal

#### LSRW Development

LSRW development through audio, video and tasks for the content of lessons under each unit.

**Course Outcomes:**

On completing the course the students will

1. Possess Language skills (LSRW) to communicate in English without any inhibition.
2. Have learnt vocabulary and syntax to be fluent in English for social and academic communication
3. Demonstrate content knowledge through appropriate language use for academic success.
4. Analyse and interpret any genre of literature in English for research, projects, placement etc.,
5. Engage themselves in organized academic and business writing with a focus on social and professional ethics.

**Prescribed Text:**

1. Dr. M. Chandrasena Rajeswaran & Dr. R. Pushkala .Pinnacle: A Skills Integrated EnglishText Book for Under Graduate Students.

**Suggested Reading**

2. Wren and Martin: Grammar and Composition, Chand & Co, 2006

<b>Subject Code : HBPY22ID1</b>	<b>Subject Name : HEALTH AND YOGA</b>					<b>Ty/Lb /ETP</b>	<b>L</b>	<b>T/ SLr</b>	<b>P/R</b>	<b>C</b>		
	<b>Prerequisite : None</b>					<b>Ty</b>	<b>3</b>	<b>0/0</b>	<b>0/0</b>	<b>3</b>		
<b>L : Lecture T : Tutorial SLr : Supervised Learning P : Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab</b>												
<b>OBJECTIVES :</b>												
<ul style="list-style-type: none"> <li>• To enable students to understand need and perspectives of health psychology.</li> <li>• To enable students to understand various models available to conceptualize health</li> <li>• To introduce the students to the philosophy and practice of yoga.</li> <li>• To understand the health benefits and its effect on psychological wellness.</li> </ul>												
<b>COURSE OUTCOMES (Cos) : (3 – 5)</b>												
Students completing the course were able to												
<b>CO1</b>	Compile the models of health and the psychological component of health											
<b>CO2</b>	Classify healthy behavior and health compromising behavior											
<b>CO3</b>	Deduce the impact of stress on health and apply effective stress management strategies											
<b>CO4</b>	Extrapolate the role of yoga in health care											
<b>Mapping of Course Outcomes with Program Outcomes (POs)</b>												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	3	3						3	3			
<b>CO2</b>	3	3	2					3	3			
<b>CO3</b>	3	3	2				1	3	3			
<b>CO4</b>	3	3	2				1	3	3			
<b>Category</b>	<b>Program core</b>	<b>Program Elective</b>	<b>Humanities &amp; social Science</b>	<b>Open elective</b>	<b>Skill enhancing elective</b>	<b>Interdisciplinary/Allied</b>	<b>Skill component</b>	<b>Practical/ Project/ Internship</b>	<b>Others</b>			
						✓						

<b>Subject Code : HBPY22ID1</b>	<b>Subject Name : HEALTH AND YOGA</b>	<b>Ty/Lb /ETP</b>	<b>L</b>	<b>T/ SLr</b>	<b>P/R</b>	<b>C</b>
	<b>Prerequisite : None</b>	<b>Ty</b>	<b>3</b>	<b>0/0</b>	<b>0/0</b>	<b>3</b>
<b>L : Lecture T : Tutorial SLr : Supervised Learning P : Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab</b>						

### **Unit 1–**

**9 HOURS**

**Introduction to Health Psychology:** Health psychology: Definition, need for and importance of health, goals of health Psychology; Difference between health psychology and clinical psychology, health psychology and behavioral medicine. Indian scenario on Mental Health. World Health Organization and Mental Health. Models and Theories of Health – Biopsychosocial model, Biomedical model, Diathesis Stress Model.

### **Unit 2**

**9 HOURS**

**Health and Behavior :**Healthy Behavior, Health compromising Behaviors: Smoking, Alcoholism and Substance abuse. Health enhancing behaviors: Weight control, Diet, Exercise, Role of Health and Yoga in changing behavior. Critical evaluation of the applications of psychological knowledge in the area of health and evaluation of gaps.

### **Unit 3**

**9 HOURS**

**Understanding Stress:** Stress and lifestyle disorders: Meaning and definition, development of stress; nature of stressors: Frustration, pressure; Factors predisposing stress: life events and daily hassles; Burnout. Coping with stress: Problem oriented and emotion oriented. Stress management: Meaning and definition; Changing thoughts -ABC Model of thinking

### **Unit 4**

**9 HOURS**

**Yoga Philosophy:** Introduction to Yoga and Yogic Practices – Definition, History, Aim and Objectives, Four Paths of Yoga and Principles of Yoga, Hatha Yoga – Distinction between Yoga and Non Yogic Practices, Concept of Yogic diet, Purpose and Utility of Asanas in Hatha Yoga , Introduction to Patanjali



## Unit 5

9 HOURS

**Yoga in Health Care: Yoga** for specific lifestyle disorders: Asthma, Sleeplessness, Diabetes, Blood pressure and Heart Diseases. Research evidence on the impact of yoga intervention on lifestyle disorders. Halasana and Matsyasana for Thyroid, Dhanurasana and Bhujangasana for Polycystic Ovarian Syndrome Disease, Shishuasana and AdhoMukhaSvanasana for Arthritis, SuptaMatsyendrasana and Vrikshasana for Lower back pain, ArdhaMatsyendrasana and Chakrasana for Diabetes, Apanasana and Paschimottanasana for Indigestion and Stomach Disorder, Padmasana and Sirsasana for Migraine, BaddhaKonasana and Sukhasana for Depression, Balasana and Shavasana for Sleeplessness. Evaluation of the applications of psychological knowledge in the area of health and identification of gaps.

**Total no. of periods: 45**

### TEXT BOOKS

- Taylor E. Shelley .Health Psychology.(7th Ed). New Delhi: Tata McGraw Hill Education Pvt. Ltd
- Hatha Yoga Pradipika by Swami Svatmarama.

### REFERENCES

- Serafini, E.P & Smith T.W. (2012). Health Psychology: Bio psychosocial Interventions. New Delhi: Wiley
- Straub, O. Richard. (2002).Health Psychology. New York: Worth Publishers
- Allen, F. (2011). Health Psychology &Behaviour, New Delhi: Tata McGraw Hill Education
- Dalal, K.(2015). Health Beliefs and Coping with Chronic Diseases. New Delhi: sage Publications India Pvt Ltd.

### E-LEARNING RESOURCES:

<https://courses.lumenlearning.com/boundless-psychology/chapter/introduction-to-health-psychology/>

<https://www.ruralhealthinfo.org/toolkits/health-promotion/2/theories-and-models>

<https://www.blackwellpublishing.com/intropsych/pdf/chapter19.pdf>

Subject Code:	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C			
HBEM22001	MICRO ECONOMICS-I	Ty	4	0/0	0/0	4			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course is designed to expose the students to the basic principles of micro-economic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyse real-life situations									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To understand the basic idea and explore the subject matter of Economics								
<b>CO2</b>	To understand the various consumer behaviour theories and analysing consumer decision.								
<b>CO3</b>	To gain knowledge on demand function, elasticity of demand and measuring elasticity of demand.								
<b>CO4</b>	To gain knowledge on supply function, elasticity of supply and measuring elasticity of supply.								
<b>CO5</b>	To understand the concept of production function and its approaches.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	1	3		1	3
CO2	3	3	3	2	1	3		1	3
CO3	3	3	3	2	1	3		1	3
CO4	3	3	3	2	1	3		1	3
CO5	3	3	3	2	1	3		1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		2		3		
CO3	3		3		2		3		
CO4	3		3		2		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary/ Allied	skill component	Practical/ Project/ Internship	Others
	✓								

Subject Code:	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22001	MICRO ECONOMICS-I	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSECONTENT**

### **UNIT I – Introduction**

**12 Hours**

Definition of Economics -: Wealth Definition, Welfare Definition, Scarcity Definition, Growth Definition; Scope of Economics

### **UNIT II -Theories of Consumer Behaviour**

**12 Hours**

Utility Analysis: Cardinal Utility Theory, Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility. Indifference Curve Analysis: concepts of indifference curve- properties of indifference curve- MRS-Budget line- consumer's equilibrium- Consumer surplus.

### **UNIT III -Demand Function**

**12 Hours**

Meaning and Definition of Demand – Factors Influencing Demand – Shift in Demand –Law of Demand Elasticity of Demand – Types of Elasticity of Demand (Concept Only), Factors Influencing Elasticity of Demand, and Measurement of Elasticity of Demand.

### **UNIT IV- Supply Function**

**12 Hours**

Meaning and Definition of Supply - Law of Supply, Determinants of Supply, Slope of supply curve, Elasticity of Supply – Factor influencing Elasticity of Supply, Measuring Elasticity of Supply

### **UNITV-Theory of Production:**

**12 Hours**

Concept of Production Functions-Law of Variable Proportion -Variable Returns to Scale - Concept of Isoquants– Cobb Douglas Production function.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

- 1.Ahuja,H.L, 2009, Principles of Microeconomics, S.Chand Publications, New Delhi
2. M. L .Jhingan, 2016, Micro Economics Theory, Vrinda Publications Pvt. Ltd, New Delhi.
3. M. L .Jhingan, 2016, Principles of Economics, Vrinda Publications Pvt. Ltd, New Delhi.
5. A.Koutsoyiannis, 1979, Modern micro economics, Palgrave Macmillan, 2nd edition
- 4.Karl E. case and Ray C. Fair, Principles of Economics, Pearson Education, Inc., edition, 2007.

Subject Code:	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22002	INDIAN ECONOMY AND DEVELOPMENT	Ty	4	0/0	0/0	4

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits  
T/L/ETL : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

Using appropriate analytical frameworks, this course teaches the concept of Indian growth and development and to know the major problems, policies and reforms in India.

### COURSE OUTCOMES (Cos)

Students completing this course were able to

<b>CO1</b>	To impart understanding on the concept of economic Growth and Development
<b>CO2</b>	To impart understanding the major problems of Indian Economy and issues in education, health and malnutrition.
<b>CO3</b>	To impart understanding planning, policies and reforms in Indian economy.
<b>CO4</b>	To gain the knowledge on Natural Resources and Economic Development in India.
<b>CO5</b>	To impart understanding the roll of Infrastructure in economic development of India.

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	1	3		1	3
CO2	3	3	3	2	1	3		1	3
CO3	3	3	3	2	1	3		1	3
CO4	3	3	3	2	1	3		1	3
CO5	3	3	3	2	1	3		1	3

COs/PSOs	PSO1	PSO2	PSO3	PSO4
CO1	3	3	1	3
CO2	3	3	1	3
CO3	3	3	1	3
CO4	3	3	1	3
CO5	3	3	1	3

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary /Allied	Skill component	Practical/ Project/ Internship	Others
	✓								

Subject Code:	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22002	INDIAN ECONOMY AND DEVELOPMENT	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSECONTENT

### **UNIT I – Introduction to Growth and Development** **12 Hours**

Meaning of Economic Growth and Development – Characteristics of under Developed Countries –Major features of Indian Economy – Determinants of growth – Economic and Non – economic factors.

### **UNIT II– Major Problems of Indian Economy** **12 Hours**

Major problems of Indian Economy – Poverty – Inequality- unemployment-Population – Health and Malnutrition – Job Less Growth – Female Labour Force Participation.

### **UNIT III–Economic planning and Reforms** **12 Hours**

Introduction to Sectors of Indian Economy – Primary Sector – Secondary Sector - Tertiary Sector – Planning Commission – Five years Plan in India (1951 -2014) – NITI Aayog - New Economic Reforms – LPG.

### **UNIT IV –Natural Resources and Economic Development** **12 Hours**

Introduction to Natural Resources and Economic Development – Natural Resources of India – Land Resources – Forest Resources – Mineral Resources – Water Resources.

### **UNIT V– Infrastructure and Economic Development** **12 Hours**

Introduction to Infrastructure and Economic Development – Physical Infrastructure: Energy, power, irrigation, transport, and telecommunication – Social Infrastructure: Health, Education.

**TOTAL HOURS: 60**

## TEXT BOOKS AND REFERENCE BOOKS

1. Uma Kapila,2021, Indian Economy Performance and Policy, 21<sup>st</sup> Edition, Academic Foundtaion, New Delhi.
2. V.K. Puri, S.K.Misra, 2018, Indian Economy, Himalaya Publication House, New Delhi.
3. MisraDhingra,I.C., 2019, Indian Economy, S.Chand Publications, New Delhi.
4. Radha, 2020, Indian Economy, Prasanna Publishers and Distributors, Chennai
5. KausikBasu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
6. Dutt, Ruddar and K.P.M.Sundaram, 2005, Indian Economy, S.Chand Publications, New Delhi.

Subject Code: HBCC22L01	Subject Name : <b>COMPUTER SOFTWARE LAB (WORD, EXCEL, POWERPOINT, PAINT, INTERNET)</b>				<b>Ty/ Lb/ ETP</b>	<b>L</b>	<b>T/ S.Lr</b>	<b>P/R</b>	<b>C</b>
	Prerequisite: NIL				Lb	0	0/0	2	1
L : Lecture T : Tutorial S.Lr : Supervised Learning P : Project R : Research C: Credits Ty/Lb/ETL : Theory/Lab/Embedded Theory and Lab									
<b>OBJECTIVES :</b>									
<ul style="list-style-type: none"> <li>To train students how to use MS Office applications use in office work such as creating professional-quality documents; store, organize and analyze information; arithmetic operations and functions.</li> <li>MS Excel to enable the students for creating tables, scatter plots, and completing data analysis.</li> <li>Gain knowledge in practical applications of Word, Excel, Power point, Paint and Internet.</li> </ul>									
<b>COURSE OUTCOMES (COs) : ( 3- 5)</b>									
CO1	Demonstrate the usage of various operations in MS Word								
CO2	Perform calculations in Microsoft Excel using both manually inputting formulas and built-in functions.								
CO3	Develop dynamic slide presentations with animation, narration, images, and much more, digitally and effectively.								
CO4	Create drawings to include clipart, color, shape, size, text, enhance text								
CO5	Understanding how to search specific website, sending mails etc								
<b>Mapping of Course Outcomes with Program Outcomes (POs)</b>									
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
<b>CO1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>CO2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>
<b>CO3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>
<b>CO4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>CO5</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>
<b>COs / PSOs</b>	<b>PSO1</b>		<b>PSO2</b>		<b>PSO3</b>		<b>PSO4</b>		
<b>CO1</b>	1								
<b>CO2</b>	1								
<b>CO3</b>	1								
<b>CO4</b>	1								
<b>CO5</b>	1								
<b>3/2/1 indicates Strength of Correlation 3- High, 2- Medium, 1-Low</b>									
Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary / Allied	Skill component	Practical/ Project/ Internship	Others
								✓	

Subject Code: HBCC22L01	Subject Name : <b>COMPUTER SOFTWARE LAB (WORD, EXCEL, POWERPOINT, PAINT, INTERNET)</b>	<b>Ty/ Lb/ ETP</b>	<b>L</b>	<b>T/ S.Lr</b>	<b>P/R</b>	<b>C</b>
	Prerequisite: NIL	Lb	0	0/0	2	1
L : Lecture T : Tutorial S.Lr : Supervised Learning P : Project R : Research C: Credits Ty/Lb/ETL : Theory/Lab/Embedded Theory and Lab						
<b>OBJECTIVES :</b>						
<ul style="list-style-type: none"> <li>To train students how to use MS Office applications use in office work such as creating professional-quality documents; store, organize and analyze information; arithmetic operations and functions.</li> <li>MS Excel to enable the students for creating tables, scatter plots, and completing data analysis.</li> <li>Gain knowledge in practical applications of Word, Excel, Power point, Paint and Internet.</li> </ul>						

### **UNIT1: OFFICEAPPLICATIONS-I**

MS OFFICE: MS WORD

### **UNIT2: OFFICEAPPLICATIONS-II**

MSOFFICE:MS-EXCEL

### **UNIT3: OFFICEAPPLICATIONS-III**

MSOFFICE:MS-POWERPOINT

### **UNIT4: MICROSOFT PAINT EXERCISES - IV**

### **UNIT 5: INTERNET& ITS APPLICATIONS- V**

#### **SUGGESTEDHANDSONEXERCISES**

#### **OFFICEAPPLICATIONS-I**

1. PreparingaGovt.Order/OfficialLetter/BusinessLetter/CircularLetter  
Covering formatting commands -font size and styles -bold, underline, upper case, lowercase, superscript, subscript, indenting paragraphs, spacing between lines and characters, tabsettingsetc.
2. Preparinganewsletter:  
To prepare a newsletter with borders, two columns text,header and footer and inserting agraphicimageandpagelayout.
3. Creatingandusingstylesandtemplates  
Tocreateastyleandapplythatstyleinadocument  
Tocreateatemplateforthestylescreatedandassemblethestylesforthetemplate.
4. Creatingandeditingthetable  
Tocreateatableusingtablemenu  
To create a monthly calendar using cell editing operations like inserting, joining, deleting,splittingandmergingcells  
Tocreateasimplestatementformathcalculationsviz.Totallingthecolumn.
5. Creatingnumberedlistsandbulletedlists  
Tocreatenumberedlistwithdifferentformats(withnumbers,alphabets,romanletters)  
Tocreateabulletedlistwithdifferentbulletheadings.

6. Printing envelopes and mail merge.  
To print envelopes with from addresses and to addresses  
To use mail merge facility for sending a circular letter to many persons  
To use mail merge facility for printing mailing labels.
7. Using the special features of word  
To find and replace the text  
To spell check and correct.  
To generate table of contents for a document  
To prepare index for a document.
8. Create  
an advertisement  
Prepare a resume.

#### **SUGGESTED HANDSON EXERCISES**

#### **OFFICE APPLICATIONS-II**

9. Using formulas and functions:  
To prepare a Worksheet showing the monthly sales of a company in different branch offices (Showing Total Sales, Average Sales).  
Prepare a Statement for preparing Result of 10 students in 5 subjects (using formula to get Distinction, A Grade, B Grade, C Grade and Fail under Result column again for each student).
10. Operating on the sheets:  
Finding, deleting and adding records, formatting columns, row height, merging, splitting column etc. Connecting the Worksheets and enter the data.
11. Creating a Chart:  
To create a chart for comparing the monthly sales of a company in different branch offices.
12. Using the data consolidate command:  
To use the data consolidate command to calculate the total amount budgeted for all departments (wages, travel and entertainment, office supplies and so on) or to calculate the average amount budgeted for – say, department office expenses.
13. Sorting Data, Filtering Data and creation of Pivot tables.

#### **SUGGESTED HANDSON EXERCISES**

#### **OFFICE APPLICATIONS-III**

14. Creating a new Presentation based on a template – using Auto content wizard, design template and Plain blank presentation.
15. Creating a Presentation with Slide Transition – Automatic and Manual with different effects.
16. Creating a Presentation applying Custom Animation effects – Applying multiple effects to the same object and changing to a different effect and removing effects.
17. Creating and Printing handouts.



**SUGGESTED HANDSON EXERCISES****OFFICE APPLICATIONS-IV**

18. To show your understanding of Microsoft Paint, label the drawing with the following labels: zoom tool, eraser, line thickness, example clipart, arrow shape, line tool, get more colors, add text, document title, save icon, undo, select, rotate, icon, fill, freehand tool, copy, color 2. You only need to use each label once.
19. Microsoft Paint Exercise
  - A. Create a logo for a business.
  - B. Examples: for a computer shop, a greengrocer, a garage, an education centre, a restaurant, a sports club, or anything you choose!
  - C. Get ideas by looking at other business/popular logos.
  - D. You can insert clipart.
  - E. Save your drawing as Logo.
  - F. Print your logo. Use Page Setup to fit your logo to the page.\*Ensure your logo represents the business and contains some text.

**SUGGESTED HANDSON EXERCISES****OFFICE APPLICATIONS-V**

20. Searching for a website/application/text documents viewing and downloading.
21. Create an E-mail account, Retrieving messages from inbox, replying, attaching files filtering and forwarding
22. Operating on a Tablet/SmartPhone - browsing and practising on some important applications (UcBrowser, Skype) - operating on internet – creating and sending messages /mails using the applications like WhatsApp and WeChat - downloading text and media files and video conferencing using Skype.

Subject Code: HBCC22I01	<b>COMMUNICATION SKILLS</b>					<b>Ty/ Lb/ ETP/IE</b>	<b>L</b>	<b>T/ S.Lr</b>	<b>P/R</b>	<b>C</b>
	Total contact hours – 30					IE	0	0/0	2/0	1
	Prerequisite –Plus 2 English									
	Course designed by – Department of English									
<b>Course Objectives:</b>										
<ol style="list-style-type: none"> <li>Understand the concepts of communication and the use of language as a medium of communication.</li> <li>Shed off language anxieties and gain confidence to speak in English with activities focused on grammar and conversation.</li> <li>Listen and speak for interpersonal communication and academic activities.</li> <li>Read and write for lifelong learning, knowledge enhancement and research.</li> <li>Communicate to work in teams and follow social ethics in the global culture.</li> </ol>										
<b>Course Outcomes (Cos)</b>										
1	Use English as a medium of communication for academic and professional attainment									
2	Shed off language anxieties and gain confidence to speak with different kinds of people in varied contexts.									
3	Listen and speak for interpersonal communication and academic activities.									
4	Read and write for lifelong learning, knowledge enhancement and research.									
5	Communicate to work in teams and follow social ethics in the global culture.									
<b>Program Specific Objectives</b>										
PSO1	Understanding of the basic concepts of English language and literature.									
PSO2	Learning through literature in English, diverse historical cultural and social ethics									
PSO3	Application of literary critical perspectives to generate original analysis of literature in English									
PSO4	Promotion of cultural values and real-life skills through English language and literature									
<b>Mapping of course outcomes (COs) with Program Outcomes (POs)</b> (H/M/L indicates the strength of correlation) H= High; M= Medium; L= Low										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	
1	3	3	3	1	3	3	2	2	3	
2	3	3	3	1	3	3	2	2	3	
3	3	3	3	1	3	3	2	2	3	
4	3	3	3	1	3	3	2	2	3	
5	3	3	3	1	3	3	2	2	3	
<b>Mapping of course outcomes (Cos) with program Specific outcomes (PSOs)</b>										
COs	PSO1	PSO2	PSO3	PSO4						
CO1	1									
CO2	1									
CO3	1									
CO4	1									
CO5	1									
<b>H/M/L Indicates Strength of Correlation : H- High; M- Medium; L- Low</b>										
Category	Program core	Program Elective	Humanities & social Science	Open elective	Skill enhancing elective	Interdisciplinary / Allied	Skill component	Practical/ Project/ Internship	Others	
							✓			
4	Approval				Meeting of Academic Council June 2022					

Subject Code:	COMMUNICATION SKILLS	Ty/ Lb/ ETP/IE	L	T/ S.Lr	P/R	C
HBCC22I01	Total contact hours – 30	IE	0	0/0	2/0	1
	Prerequisite –Plus 2 English					
	Course designed by – Department of English					

### **Prefatory note:**

The paper seeks to train students in communicative skills and also give a firm foundation in listening and speaking by engaging students with authentic audios and videos ; the students will immensely benefit from strategy instruction for effective reading and writing; they will be able to recognize the importance of grammar and vocabulary for effective reading and writing. The present global scenario requires increasing need for clear and cordial communication with people from different culture. Cultural Intelligence is given as a unit to help students learn about low and high context cultures. It aligns with the University’s mission of disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

### **Methodology: Flipped Classrooms and Mobile Assisted Language Learning**

#### **Course Objective**

#### **The students will be facilitated to**

1. Use English as a medium of communication for academic and professional attainment
2. Shed off language anxieties and gain confidence to speak with different kinds of people in varied contexts.
3. Listen and speak for interpersonal communication and academic activities.
4. Read and write for lifelong learning, knowledge enhancement and research.
5. Communicate to work in teams and follow social ethics in the global culture.

#### **Unit-I Listening**

- Listening for Social and Academic purposes
- Non-verbal and coverbal communication
- Imitating for pronunciation, intonation, word stress, etc.,

**Cognitive Activity:** Note taking during lecture sessions

#### **Unit-II Speaking**

The art of speaking and negotiating

#### **Interpersonal Communication**

- |                          |                                  |
|--------------------------|----------------------------------|
| 1. Opening conversation  | 11. Persuading                   |
| 2. Introducing oneself   | 12. Warning                      |
| 3. Asking about others   | 13. Expressing regret            |
| 4. Making small talk     | 14. Agreeing                     |
| 5. Asking for directions | 15. Disagreeing                  |
| 6. Enquiring             | 16. Ending a conversation        |
| 7. Thanking              | 17. Saying what you intend to do |
| 8. Appreciating          | 18. Expressing dislikes          |
| 9. Offering help         | 19. Comparing                    |
| 10. Requesting           | 20. Complaining                  |

## **Academic Communication**

1. Instructional conversations
2. Power Point Presentation
3. Narrating about incidents
4. Public speaking– explaining success stories of self and others
5. Group Discussion
6. Interview for Projects and Placement

## **Unit-III Reading skills**

1. Types and mechanics of reading
2. Tips for effective reading
3. Reading Strategies
4. Cognitive Strategy: Note Making, Comprehension exercise, oral and written review,

## **Unit- IV Writing Skills**

- The Process of Writing
  1. Grammar, vocabulary, discourse markers and sentence construction
  2. Writing& Rewriting: drafting, revising, editing.
- Writing as a scaffolding activity
  1. Summarizing
  2. Paraphrasing
  3. Precis writing
  4. Short notes and Essay writing

## **Unit -V Intercultural communication skills**

1. Go local
2. Group behavior
3. E mail and intercultural communication
4. High and low context cultures
5. Cultural diversity in terms of time and space

## **ASSESSMENT**

Clubbed with each unit in the form of Audio listening, watching Videos, quiz, role-play – public speaking, PPT presentation, reading and writing.

## **Course Outcome**

### **On completing the course, the students will be able to**

- Use English as a medium of communication for academic and professional attainment
- Shed off language anxieties and gain confidence to speak with different kinds of people in varied contexts.
- Listen and speak for interpersonal communication and academic activities.
- Read and write for lifelong learning, knowledge enhancement and research.
- Communicate to work in teams and follow social ethics in the global culture.

### **Prescribed Text**

J. C. Richards with J. Hull & S. Proctor, *Interchange, Level 2*, Cambridge University Press, 2015

### **Recommended Reading**

1. P.D. Chaturvedi & M. Chaturvedi, *Communication Skills*, Pearson, 2012
2. Anderson, Kenneth Joan Maclean and Tony Lynch. *Study Speaking*, Cambridge: CUP 2004
3. Dutt, Kiranmai, P., GeethaRajeevan, CLN Prakash, *A Course in Communication Skills*, Delhi: Foundations Books, 2008
4. Sethi, J., P.V. Dhamija. *A Course in Phonetics and Spoken English* 2nd Ed. New Delhi, Prentice Hall of India Pvt Ltd. 2005.
5. Yadugiri, M.A., *The Pronunciation of English*, New Delhi, Viva Books, 2013.
6. Bailey, Stephen: *Academic Writing: A Practical Guide for Students*, London and New York: Routledge Falmer, 2004.
7. M.C. Rajeswaran, *Permuting Role play in Oral Skill Assessment*, *International Journal of Innovative Research & Studies*, Vol. 13, Issue 12, pp. 91-100, Dec. 2014

<b>Subject Code:</b> <b>HBCC22I02</b>	<b>SOFT SKILLS I</b>	<b>Ty/ Lb/ ETP/IE</b>	<b>L</b>	<b>T/ S.Lr</b>	<b>P/R</b>	<b>C</b>
	Total contact hours– 30	IE	0	0/0	2/0	1
	Prerequisite–Plus2English					
	Course designed by–Department of English					
<b>Objectives:</b>						
<ol style="list-style-type: none"> <li>1. Become good listeners to get engaged in interactive communication for effective team building.</li> <li>2. Develop assertive and adaptive behavior to be leaders</li> <li>3. Develop peer interaction for a successful lifelong learning.</li> <li>4. Learn skills necessary for a cooperative living in academic and professional environments</li> <li>5. Use soft skills for the purposes of research and follow ethics in society and profession.</li> </ol>						
<b>Course Outcomes (Cos)</b>						
001	Become good listeners to get engaged in interactive communication for effective team building.					
002	Develop assertive and adaptive behaviour to be leaders					
003	Develop peer interaction for a successful lifelong learning.					
004	Learn skills necessary for a cooperative living in academic and professional environments					
005	Use soft skills for the purposes of research and follow ethics in society and profession					
<b>Program Specific Objectives</b>						
PSO1	Understanding of the basic concepts of English language and literature.					
PSO2	Learning through literature in English, diverse historical cultural and social ethics					
PSO3	Application of literary critical perspectives to generate original analysis of literature in English					
PSO4	Promotion of cultural values and real-life skills through English language and literature					

<b>Mapping of course outcomes (COs) with Program Outcomes (POs)</b> (H/M/L indicates the strength of correlation) H=High; M=Medium; L=Low									
COs	POs	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	3	3	3	1	2	2	1	2	3
2	3	3	3	1	2	2	1	2	3
3	3	3	3	1	2	2	1	2	3
4	3	3	3	3	3	2	1	2	3
5	3	3	3	3	3	2	1	2	3
<b>Mapping of course outcomes (Cos) with program Specific outcomes (PSOs)</b>									
COs	PSO1	PSO2	PSO3	PSO4					
CO1									
CO2									
CO3									
CO4									
CO5									
<b>H/M/L Indicates Strength of Correlation: H-High; M-Medium; L-Low</b>									
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical/Project/internship	Others
							✓		
4	Approval				Meeting of Academic Council June 2016				

<b>Subject Code:</b> <b>HBCC22I02</b>	<b>SOFT SKILLS I</b>	<b>Ty/ Lb/ ETP/IE</b>	<b>L</b>	<b>T/ S.Lr</b>	<b>P/R</b>	<b>C</b>
	Total contact hours– 30	IE	0	0/0	2/0	1
	Prerequisite–Plus2English					
	Course designed by–Department of English					

### **PREFATORY NOTE**

This paper aims to equip students with skills essential for work place and global environment to which they will move on from the university, once they complete the course. As such, this paper provides students with a set of ten interlinked soft skills: Listening, team work, emotional intelligence, assertiveness, learning to learn, problem solving, attending interviews, adaptability, non-verbal communication and written communication. Students will get engaged in pair work, group work, role play, discussion, presentation, storytelling, writing assignments etc.,

### **Course Objective**

The students will be facilitated to

1. Become good listeners to get engaged in interactive communication for effective teambuilding.
2. Develop assertive and adaptive behaviour to be leaders
3. Develop peer interaction for a successful lifelong learning.
4. Learn to learn skills necessary for a cooperative living in academic and professional environments
5. Use soft skills for the purposes of research and follow ethics in society and profession.

#### **Unit-I**

Listening, Speaking, Reading and Writing skills (LSRW)

#### **Unit-II**

Team work skills: adaptability, emotional intelligence, learning skills

#### **Unit-III**

Leadership Qualities: assertiveness, reasoning, compassion and compatibility

#### **Unit-IV**

Problem solving: willingness to learn, creative thinking, developing observation skills

#### **Unit-V**

Interview skills: employability skills, resume writing

### **Course outcome**

#### **On completion of the course the students will**

1. Become good listeners to get engaged in interactive communication for effective teambuilding.
2. Develop assertive and adaptive behaviour to be leaders
3. Develop peer interaction for a successful lifelong learning.
4. Learn skills necessary for a cooperative living in academic and professional environments
5. Use soft skills for the purposes of research and follow ethics in society and profession.

Suggested reading

S.P.Dhanavel, English and Soft Skills, Vol.1, Orient Blackswan Pvt.Ltd

# **SEMESTER – II**



<b>Subject Code:</b> <b>HBTA22002</b>	<b>Subject Name:</b> <b>TAMIL PAPER - II</b>	<b>Ty/Lb/ETP/IE</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P / R</b>	<b>C</b>
	<b>Prerequisite:</b>	Ty	3	0/0	0/0	3

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits

T/L/E

L : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

- Communicating with friends from around the world via social networking opportunities.
- To develop 21<sup>st</sup> century learners who love & appreciate Tamil language.
- Learn significance of spoken skill.
- The relationship between language & culture and the implications for language teaching
- Travelling to other countries and learning about other cultures.

### COURSE OUTCOMES (Cos)

Students completing this course were able to

- |            |   |
|------------|---|
| <b>CO1</b> | Strengthen literacy skills  |
| <b>CO2</b> | Engage in learning Tamil language and culture in a meaningful setting   |
| <b>CO3</b> | Engross in independent and life-long learning                           |
| <b>CO4</b> | Develop a strong foundation in listening & speaking skills.             |
| <b>CO5</b> | Arouse students interest and ignite the joy of learning Tamil language. |

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
<b>CO1</b>	3	3	2	3	2	3	3	3	2
<b>CO2</b>	2	2	3	2	3	2	2	3	3
<b>CO3</b>	3	3	2	3	2	3	3	3	2
<b>CO4</b>	2	2	3	2	2	2	2	3	2
<b>CO5</b>	3	3	3	3	3	3	2	2	3

3/2/1 Indicates Strength Of Correlation, 3 – High,

2- Medium, 1- Low

Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary /Allied	Skill Component	Practical /Project/internship	Others
			√						

<b>Subject Code:</b> HBTA22002	<b>Subject Name:</b> TAMIL PAPER - II	<b>Ty /Lb/ ETP/IE</b>	<b>L</b>	<b>T / S. Lr</b>	<b>P / R</b>	<b>C</b>
	<b>Prerequisite:</b>	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits : Theory / Lab / Embedded Theory and Lab						T/L/EL

## பொதுத்தமிழ்

இளநிலைமாணாக்கருக்கு

B.A/B.Sc/B.Com/B.B.A/B.C.A/B.PES

### HBTA22002

#### முதலாம்ஆண்டு - இரண்டாம்பருவம்

கற்றல்நோக்கம்: 1.தமிழர்பண்பாட்டினைஅறியச்செய்தல்

2. கடிதம்எழுதும்திறன்வளர்த்தல்

3.தமிழ்இலக்கியவரலாற்றினைஅறிதல்

#### அலகு - 1 சங்கஇலக்கியம்

9 மணிநேரம்

1. புறநானூறு - பா.எண் - 183,184,192

2. குறுந்தொகை - பா. எண் 2,40,167

3. நெடுநல்வாடை - 1 முதல் 44 வரிகள்வரை

4.கலித்தொகை - பா.எண் 102,133

#### அலகு - 2

#### காப்பியம்

9 மணிநேரம்

1. சிலப்பதிகாரம் - வழக்குஉரைகாதைமுழுவதும்

#### அலகு - 3 நீதிஇலக்கியம்

9 மணிநேரம்

1.திருக்குறள் - 34,72,96,102,103,116,124,136,158,395 (10 குறள்கள்)

2.நாலடியார் - 1,11,29,32,43,51,74,103,116,135 ( 10 பாடல்கள்)

3.ஆசாரக்கோவை - 20,23,25,76,96 ( 5 பாடல்கள்)

4.திரிகடுகம் - 7,12,27,31,38,(5 பாடல்கள்)

#### அலகு - 4 தமிழிலக்கியவரலாறு

9 மணிநேரம்

1. பக்திலக்கியம்
2. சிற்றிலக்கியம்

#### அலகு - 5 இலக்கணம்

9 மணிநேரம்

1. வல்லினம்மிகும்இடங்கள்
2. வல்லினம்மிகாஇடங்கள்
3. வினாவகைகள்
4. விடைவகைகள்

#### மொழிப்பயிற்சி

1. கடிதம்எழுதும்முறை
2. செய்வினை - செய்பாட்டுவினை
3. மயங்கொலிப்பிழையநீக்குக

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<b>Course /subject Code</b>	HBFR22002	<b>Semester</b>	<b>II</b>			
Category	All UG Programs	Ty /Lb/ ETP/ IE	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>
Course Title	French II (THEORY)	Ty	3	0/0	0/0	3
L: Lecture T: Tutorial SLr: Supervised Learning P: Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						
<b>Objectives</b>						
<ol style="list-style-type: none"> <li>1. Students will be able to understand the familiar words and expressions when someone talks slowly and distinctly.</li> <li>2. The students will be able to reads; he/she will be able to understand the posters, advertisements or catalogues.</li> <li>3. The students will be able to communicate and ask and reply to simple questions on familiar subjects</li> <li>4. The students will be able to use expressions and write simple sentences without faults to describe their living spaces</li> </ol>						

<b>Course Outcome</b>	<b>Course Outcome</b>	<b>Bloom's Level</b>
<b>CO 1</b>	Repeating the basics learnt and memorizing new a factors like the conjugations	Remembering
<b>CO 2</b>	Understanding very frequent expressions and vocabulary concerning immediate surrounding and what concerns the speaker. Also understand simple announcements and clear message.	Understanding
<b>CO 3</b>	Can read ,understand and act upon on short announcements classified in papers or catalogues ,menu cards, timings and personal shot and messages	Applying Analyzing
<b>CO 4</b>	Can utilize a series of sentences or expressions to describe in simple terms family living conditions studies and actual and recent professional activities	Evaluating
<b>CO 5</b>	Can communicate simple and direct exchange originating from simple habitual tasks on familiar activities and subjects.	Creating
<b>CO 6</b>	Can communicate simple and direct exchanges originating from simple habitual tasks on familiar activities and subjects	Creating
<b>CO 7</b>	Can write notes and simple and short messages, write like on picture postcard messages of personal vacations and thank you letters.	Creating

<b>FRENCH-II(THEORY) LANGUAGE-II</b>									
<b>New subject code</b>									
<b>COURSE OUTCOMES</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
COURSE OUTCOME 1	3	2	2	2	2	1	2	2	3
COURSE OUTCOME 2	2	2	2	2	1	1	3	2	3
COURSE OUTCOME 3	2	3	2	3	1	1	2	2	3
COURSE OUTCOME 4	3	2	3	2	2	2	2	3	3
COURSE OUTCOME 5	2	2	2	3	3	3	3	2	3
COURSE OUTCOME 6	3	3	2	2	3	3	3	3	3
COURSE OUTCOME 7	3	3	2	2	3	3	3	3	3

<b>H/M/L indicates strength of correlation H- High M- Medium L- Low</b>									
<b>Category</b>	<b>Program Core</b>	<b>Program elective</b>	<b>Humanities and social Science</b>	<b>Open Elective</b>	<b>Skill enhancing elective</b>	<b>Inter Disciplinary /Allied</b>	<b>Skill Component</b>	<b>Practical /Project/internship</b>	<b>Others</b>
			→						

<b>Course /subject Code</b>	HBFR22002	<b>Semester</b>	<b>II</b>			
Category	All UG Programs	Ty /Lb/ ETP/ IE	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>
Course Title	French II (THEORY)	Ty	3	0/0	0/0	3
L: Lecture T: Tutorial SLr: Supervised Learning P: Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						
<b>FRENCH– II (THEORY) Language-II 45 hrs</b>						

## UNIT I

9hrs

### Compétences communicatives, phonologiques, linguistiques, grammaticales et culturelles

- Se saluer, prendre congé, se présenter quelqu'un/quelque chose, Salutations, présentatifs, détails d'identité, professions, quartiers
  - Genres, nombres, articles, présentatifs, pluriels des noms, c'est/il est, pronoms toniques
  - Salutations française, comportement des salutations, les quartiers parisiens, le peintre Monet
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 –durée moins de 2 minutes)
- **Audio clips**- For oral expressions, oral assignments and oral test-20- duration less than 2 minutes (10 oral exercises, 6 audio reading compositions& 4 tests).

## UNIT II

9hrs

### Compétences communicatives, phonologiques, linguistiques, grammaticales et culturelles

- Dialogue de la vie d'étudiant, des liens familiaux, de l'appartenance, des habitudes ; poème, le son « eu » énonces a répéter, lecture guidée.
  - S'exprimer de la fréquence, des habitudes, articles, present de l'indicatif, verbes a la terminaison – er, adjectifs possessifs et qualificatifs, locutions avec « avoir »
  - Demander l'heure, Les jours, Les mois de l'année.
- **Clip audios** : Exercices orales, compositions orales et épreuves orales.(20 –durée moins de 2 minutes)
- **Audio clips**- For oral exercises, oral assignments and oral test-20 duration less than 2 minutes (10 oral excercises ,6 audio reading compositions& 4 tests).

### UNIT III

9hrs

#### **Compétences communicatives, phonologiques, linguistiques, grammaticales et culturelles**

- Parler des voyages, identifier les vêtements, caractériser de personnes, faire des exclamations, s'informer sur la vie d'étudiant français.
- Poème, le « son i », décrire des personnes, prononcer le nom des pays et des nationalités, appréciation/exclamation
- Transport et voyages, les pays, nationalités, la mode, la partie du corps ,Adjectifs de nationalités et genres, adjectifs réguliers/irréguliers, prépositions de lieux, verbes aller-venir et verbes a la terminaison –ir
- L'aéroport de Roissy, a la douane, les vêtements, a mode a paris, quelques professions, le sport et la sante ; a Joconde, la BD,

➤ **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 –durée moins de 2 minutes)

➤ **Audio clips**- For oral expressions, oral assignments and oral test-20-duration less than 2 minutes (10 oral exercises ,6 audio Reading compositions& 4 tests)

### UNIT IV

9hrs

#### **Compétences communicatives, phonologiques, linguistiques, grammaticales et culturelles**

- Communication au restaurant, des recettes, le gout et les préférences identifier le type des restaurants.
- Poème, le son « o » énonces simples, des sons nasaux, exercices de répétition
- Les repas français recette activités et sportives

➤ **Clip audios** : Exercices orales, compositions orales et épreuves orales.(20 –durée moins de 2 minutes)

➤ **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercises ,6 audio reading

### Compétences communicatives, phonologiques, linguistiques, grammaticales et culturelles

- Planifier des vacances, parler des concours, du sport, du temps qu'il fait, s'exprimer au comparatif
- Poème le son « yu », répétition d'énonces, lire de noms de quelques villes
- Activités de vacances, mots de localisation, plan de Paris, le climat et l'écologie, un concours international, les saisons
- Adjectifs de couleur, nombres ordinaux, quelques verbes irréguliers,
- 3 temps autour du présent « de » et « a » et des verbes. Différentes formes du négatif, « il fait » le comparatif le superlatif absolu
- Auberges de jeunesse, vacance, plan de Paris arrondissements quelques monuments parisiens, tourisme fluvial français
- **Clip audios** : Exercices orales, compositions orales et épreuves orales. (20 –durée moins de 2 minutes)
- **Audio clips**- For oral expressions, oral assignments and oral test-20 duration less than 2 minutes (10 oral exercices ,6 audio Reading compositions& 4 tests).

#### *Reference Books :*

1. **Parlez-vous français?Partie 1** - Dr.M.Chandrika.V.Unni &Mrs. Meena Mathews 2019 by Universal publisher
2. **CLE INTERNATIONAL** Lectures Clé en français facile. (2012) Hachette Paris
3. **Cosmopolite**: Livre de eleve A1 by Nathalie Hirsch sprung, Tony Tricot, Claude Le Ninan
4. **Latitudes-1** by Régine Mérieux & Yves l'oiseau, Didier 2017
5. **Alter Ego 1** - Catherine Dolez, Sylvie Pons : (2014) Hachette, Paris



Subject Code: HBHI22002	Subject Name: <b>HINDI II</b>	Ty/Lb/ ETP/ IE	L	T / S.Lr	P/R	C
	Prerequisite : Knowledge of Hindi	Ty	3	0/0	0/0	3
L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab						
<b>OBJECTIVES</b>						
1.To Understand the Ancient Hindi plays and its aspects. 2.To understand the medieval stories and well known novels 3.To know the techniques in writing Annotation and Translation						

<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	Introduce students to the real world situation with the help of Plays and stories written by various poets and writers.								
<b>CO2</b>	Understand the Literature in broader areas than merely confined to the subject								
<b>CO3</b>	Evaluate the concept of Hindi from past to present and to study the society closely through Literature.								
<b>CO4</b>	Make the best use of Hindi language in various streams.								
<b>CO5</b>	Helps in their Career acquiring knowledge in a language								
Mapping of Course Outcome with Program Outcome (POs)									
<b>Sem II</b>	<b>Coursecode: HBH122002</b>								
	<b>ProgrammeOutcomes(Pos)</b>								
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	
<b>CO1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	
<b>CO2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	
<b>CO3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	
<b>CO4</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	
<b>CO5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>									
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/internship	Others
			✓						

Subject Code: HBHI22002	Subject Name: <b>HINDI II</b>	Ty/Lb/ ETP/ IE	L	T / S.Lr	P/R	C
	Prerequisite : Knowledge of Hindi	Ty	3	0/0	0/0	3
L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab						

**UNIT – I One Act Play – novel and translation of hindi language)**

1. Aurazeb ki AakhiriRaaf
2. Mukthidhan
3. Practice of AnnotationWriting
4. Practice of Summary and Literary evaluationWriting

**UNIT – II One Act Play – novel and translation of hindi language)**

1. Laksmi kaSwagaf
2. Mithayeewala
3. Practice of AnnotationWriting
4. Practice of Summary and Literary evaluationWriting

**UNIT-III One Act Play – novel and translation of hindi language)**

1. Basant Ritu kaNatak
2. Seb Aur Dev
3. Practice of Annotation Writing
4. Practice of Summary and Literary evaluation Writing

**UNIT-IV One Act Play – novel and translation of hindi language)**

1. Bahut BadaSawal
2. Vivah ki TeenKathayen
3. Practice of AnnotationWriting
4. Practice of Summary and Literary evaluation Writing

**UNIT-V(Translation of Hindi Lanaguage to English language-paragraph, technical terms**

1. Translation Practice. (English to Hindi)

**REFERENCE:**

1. Aath Ekanki, Edited by Devendra Raj Ankur, Mahesh AnandVaani prakashan, 4695, 21- A Dariyagunj, New Delhi-110002
2. Swarna Manjari, Edited by Dr.Chitti Annapurna, Rajeshwari Publications21/3, Mothilal street, (opp.Ranganthan Street) T.Nagar, Chennai-600017
3. Prayojan Mulak Hindi : Dr.Syed Rahmathullah, Poornima Prakashan,4/7, Begum III street, Royapettah, Chennai-14
4. Anuvad Abhyas Part III Dakshin Hindi Prachar Sabha, T.Nagar ,Chennai -17

<b>HBEN22002</b>	<b>ENGLISH II</b> <b>(Common to all UG Courses under H&amp;S)</b>					Ty/Lb/ ETP	<b>L</b>	<b>T/</b> <b>S.Lr</b>	<b>P/R</b>	<b>C</b>			
	Total contact hours – 45					Ty	3	0/0	0	3			
	Prerequisite – English Language												
	T/L/:Theory/LabL:LectureT:TutorialP:Practical/ProjectR:ResearchC:Credits												
<b>Course Objectives</b>													
<ol style="list-style-type: none"> <li>1. Develop four language skills appropriate to the level of education.</li> <li>2. Demonstrate knowledge of vocabulary and sentence construction in appropriate contexts.</li> <li>3. Express diverse forms of knowledge in different social and cultural contexts.</li> <li>4. Attain a comprehensive knowledge of communication skills to use ethically.</li> <li>5. Develop organized academic and business writing for professional careers.</li> </ol>													
<b>Course Outcomes (COs)</b>													
<ol style="list-style-type: none"> <li>1. Develop four language skills appropriate to the level of education.</li> <li>2. Demonstrate knowledge of vocabulary and sentence construction in appropriate contexts.</li> <li>3. Express diverse forms of knowledge in different social and cultural contexts.</li> <li>4. Attain a comprehensive knowledge of communication skills to use ethically.</li> <li>5. Develop organized academic and business writing for professional careers.</li> </ol>													
<b>Program Specific Outcomes (PSOs)</b>													
<ul style="list-style-type: none"> <li>• Demonstrating mastery of the components of English language and literature.</li> <li>• Explaining through literature in English, diverse historical cultural and social ethics</li> <li>• Applying literary critical perspectives to generate original analysis of literature in English</li> <li>• Promoting cultural values and real-life skills through English language and Literature</li> </ul>													
<b>Mapping of course outcomes (COs) with Program Outcomes (POs) &amp; Program Specific Outcomes</b>													
(3/2/1 indicates the strength of correlation) 3= High; 2= Medium; 1= Low													
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3	PSO4
1	3	3	3	3	3	3	3	1	3	3	3	3	3
2	3	3	3	3	3	3	3	1	3	3	3	3	3
3	3	3	3	3	3	3	3	1	3	3	3	3	3
4	3	3	3	3	3	3	3	1	3	3	3	3	3
5	3	3	3	3	3	3	3	1	3	3	3	3	3
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical/Project/ internship	Others	Category	Program Core		
			✓										

Course Code	ENGLISH II	Ty/Lb/ ETP	L	T/ S.Lr	P/R	C
HBEN22002	(Common to all UG H&S Courses)	Ty	3	0/0	0/0	3
T/L/:Theory/LabL:LectureT:TutorialP:Practical/ProjectR:ResearchC:Credits						

### Course Objective

1. Develop four language skills appropriate to the level of education.
2. Demonstrate knowledge of vocabulary and sentence construction in appropriate contexts.
3. Express diverse forms of knowledge in different social and cultural contexts.
4. Attain a comprehensive knowledge of communication skills to use ethically.
5. Develop organized academic and business writing for professional careers.

#### Unit I: 9 Hours

1. All the World's a Stage – William Shakespeare
2. Speech of Barack Obama
3. The Verger- Somerset Maugham

#### Unit II: 9 Hours

1. Spider and the Fly - Mary Howitt
2. "They thought that a bullet would silence us, but they failed". - Malala Yousafzai
3. Refund – Fritz Karinthy

#### Unit III: 9 Hours

1. Night of the Scorpion-Nissim Ezekiel
2. On Running after one's hat- G.K.Chesterton
3. The Last Leaf – O. Henry

#### Unit IV: 9 Hours

1. Polonius Advice to Laertes-William Shakespeare
2. 'We Must Continue to Dream Big': An open letter from Serena Williams
3. The Necklace - Guy de Maupassant

#### Unit V: 9 Hours

1. Functional English: Letter Writing (Formal, Informal, Email)
2. Resume
3. Précis
4. Reading Comprehension  
Developing the hints

### Course Outcome: On completion of the course, the students will be able to

1. Develop four language skills appropriate to the level of education.
2. Demonstrate knowledge of vocabulary and sentence construction in appropriate contexts.
3. Express diverse forms of knowledge in different social and cultural contexts.
4. Attain a comprehensive knowledge of communication skills to use ethically.
5. Develop organized academic and business writing for professional careers.

#### Prescribed Text:

- 'Greatest Speeches of the Modern World', Rupa Publications India, 2018.
- Woudhuysen H.R. 'The Arden Shakespeare third series', the Arden Shakespeare Publishers, 2020.
- Karinthy. Fritz, 'Refund: A Play in One Act', French. Samuel, 1938.
- Simpson H. C & Wilson E. H, 'A Senior Anthology of Poetry', Macmillan Education, 1952.
- O'Brien. Terry, '50 Greatest Short Stories', Rupa Publications India; First Edition, 2015.
- J. C. Richards with J. Hull & S.Proctor, Interchange, Level 3, Cambridge University Press, 2021.
- Mark Hancock, English Pronunciation in Use, CUP, 2016.
- M. Chandrasena Rajeswaran &R. Pushkala, Communication Lab Work book 2022.
- M. Chandrasena Rajeswaran, R. Pushkala & S. Bhuvaneshwari Pinnacle: A Skills Integrated Text,2022
- Dutt, K, Rajeevan, G & Prakash, , *A Course on Communication Skills*, 1st edn,CUP, Chennai,2008

#### Suggested Links:

- <https://www.poetrybyheart.org.uk/poems/the-spider-and-the-fly/Reference>.
- <https://poets.org/poem/unknown-citizen>

Subject Code	Subject Name : <b>HUMAN RIGHTS IN INDIA</b>		Ty/ Lb/ ETP	L	T/SLr	P/R	C					
<b>HBSW22ID1</b>	Prerequisite : None		Ty	3	0/0	0/0	3					
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits							T/L/ETL :					
Theory / Lab / Embedded Theory and Lab												
<b>OBJECTIVES</b>												
<ul style="list-style-type: none"> <li>To enable students to develop a right based perspective in social work.</li> <li>To gain knowledge on women and child rights.</li> <li>To know the role of social work in relation to Human Rights.</li> </ul>												
<b>COURSE OUTCOMES (Cos)</b>												
Students completing this course were able to												
<b>CO 1</b>	To recall the social work in human rights in the further.											
<b>CO 2</b>	To inculcate social values among the human rights.											
<b>CO 3</b>	Analyse various sources of power in specific rights.											
<b>CO 4</b>	To offer theoretical aspect of the society.											
<b>CO 5</b>	Do a self-analysis to build a professional in human rights, so that they become the future leaders of the nation.											
<b>Mapping of Course Outcome with Program Outcome (POs)</b>												
Cos/POs	PO 1	PO2	PO 3	PO 4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	1	3	2							
CO2	1	2	3	2	1							
CO3	3	2	2	1	2							
CO4	1	3	2	1	1							
CO5	1	2	3	3	1							
COs/PSOs	PSO1			PSO2				PSO3		PSO4		
CO1	1			2						2		
CO2	1			2						2		
CO3	1			2						2		
CO4	2			2						2		
CO5	1			2						2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low												
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/internship	Others			
						✓						

Subject Code	Subject Name : <b>HUMAN RIGHTS IN INDIA</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
<b>HBSW22ID1</b>	Prerequisite : None	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						

### Unit-1

**9 hrs**

Overview of Human Rights – Meaning, Characteristics, Types, Relevance, Classification of Human Rights, Human rights and social justice, Concerns in Indian society- inequality, oppression, injustice, social, economic and political structure of Indian society, Magna Carta and UDHR.

### Unit-2

**9 hrs**

India and Human Rights – Constitution, Fundamental duties and rights, DPSP, National Human Rights Institutions, UN and human rights.

### Unit-3

**9 hrs**

Specific rights – custodial, right to information, right to education, Dalit rights, Child rights and Juvenile justice, gender related rights; environmental rights.

### Unit-4

**9 hrs**

General issues relating to human rights

### Unit-5

**9 hrs**

Human rights in social work, Role of professionals in Human Rights; Human rights defenders, Role of advocacy, role of social action

**TOTAL HOURS:45**

### Reference:

1. Agarwal, H.O International Law and Human Rights, 2002, Central law Publications
2. AlolChakravati, Protecting Human Rights, 2003, Referencepress
3. AmartyaSen, The Idea Justice, 2009, New Delhi, PenguinBooks.
4. Bajwa G.S, Human Rights in India, 1995, AnmolPublishers
5. SAHRDC, Human Rights and International Law, 2008, OUPNewDelhi

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22003	MICROECONOMICS-II		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The course emphasis on the concept of cost and revenue and its aim to know the various market structures prevailing in the economy. This course makes the students to understanding on pricing strategies, system of distribution and factor pricing.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding on the broad concept of cost and revenue functions.								
<b>CO2</b>	To impart understanding the characteristics of markets and analyze the price and output under various types of markets; The marginal analysis of “firm” under different market conditions.								
<b>CO3</b>	To impart understanding the different market competitions, price determination and selling costs.								
<b>CO4</b>	To impart understanding the concept, theory of pricing and product pricing strategies.								
<b>CO5</b>	To impart understanding the broad concepts of theory of distribution and factor pricing.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	1	3		1	3
CO2	3	3	3	2	1	3		1	3
CO3	3	3	3	2	1	3		1	3
CO4	3	3	3	2	1	3		1	3
CO5	3	3	3	2	1	3		1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		1		3		
CO3	3		3		1		3		
CO4	3		3		1		3		
CO5	3		3		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/int ernship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22003	MICROECONOMICS-II	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### UNIT I – Cost and Revenue

**12 HOURS**

Cost types:- Real Cost, Accounting Cost and Economic Cost, Opportunity Cost, private and social cost, cost function- traditional theory of cost: Long Run and Short Run- modern theory of cost: Long Run and Short Run. Revenue function:- Total revenue, Average revenue, Marginal revenue curve under different market conditions.

### UNIT II– Perfect Competition and Monopoly

**12 HOURS**

Classification of Market, Perfect Competition, Short Run and Long Run Analysis, Equilibrium of the Firm and Industry, Monopoly Features, Equilibrium. Discriminatory Pricing, Differences between Perfect Competition and Monopoly. Profit Maximisation under Monopoly.

### UNIT III-- Monopolistic Competition and Oligopoly Markets

**12 HOURS**

Monopolistic Competition, Price Determination, Selling Costs. Oligopoly: Homogeneous and Heterogeneous Oligopoly, Price Rigidity in Oligopoly, Kinky Demand Curve.

### UNIT IV- Pricing Strategies

**12 HOURS**

Pricing- Objectives of pricing -Cost plus Pricing, Marginal Cost Pricing, full cost pricing, Limit pricing theory: Bain's Limit Pricing Theory, Sylos-Labini Model of limit pricing.

### UNIT V- Distribution and Factor Pricing

**12 HOURS**

Functional and Personal Distribution, Marginal Productivity Theory of Distribution, Ricardo Theory of Rent and Quasi Rent, Theories of Wages, Theories of Profit, Risk and Uncertainty, Concept of Interest

**TOTAL HOURS: 60**

## TEXT BOOKS AND REFERENCE BOOKS

1. Ahuja, H.L., 2009, Principles of Micro economics, S.Chand Publications, New Delhi
2. M. L .Jhingan, 2016, Micro Economics Theory, Vrinda Publications Pvt. Ltd, New Delhi.
3. M. L .Jhingan, 2016, Principles of Economics, Vrinda Publications Pvt. Ltd, New Delhi.
5. A.Koutsoyiannis, 1979, Modern micro economics, Palgrave Macmillan, 2nd edition
- 4.Karl E. case and Ray C. Fair, Principles of Economics, Pearson Education, Inc., edition, 2007.



Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C			
HBEM22004	MODERN ECONOMIC THOUGHT	Ty	4	0/0	0/0	4			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course has an insight on evolution of economic ideas, mercantilism and physiocracy, views on classical economists and exposes the students to understand few Economic Ideas of Noble Laureate.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To explain of early economic thoughts								
<b>CO2</b>	To impart understanding the concept of Mercantilism and Physiocracy								
<b>CO3</b>	To impart understanding the classical economists views								
<b>CO4</b>	To analyse the recent economic thought								
<b>CO5</b>	To impart understanding the major contributions of Nobel laureates and Indian thinkers.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	1	1	1	2		1	
CO2	3	3	1	1	1	2		1	
CO3	3	3	1	1	1	2		1	
CO4	3	3	1	1	1	2		1	
CO5	3	3	1	1	1	2		1	
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		2		
CO2	3		3		1		2		
CO3	3		3		1		2		
CO4	3		3		1		2		
CO5	3		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22004	MODERN ECONOMIC THOUGHT	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### Unit I – Ancient Economic Thought

**12 HOURS**

Introduction-nature and importance of economic thought - nature and significances of ancient economic thought- the Hebrew economic thought- the Greek thought

### Unit II –Mercantilism and Physiocracy

**12 HOURS**

Economic thought of Mercantilism: main characteristics- Thomas Mun - Physiocracy- Factors, Main Ideas of Physiocracy - Main Representative of Physiocratic School – Quesnay, Turgot and Condillac.

### Unit III – Classical Economic Views

**12 HOURS**

Adam Smith – labour theory of value, Thomas R. Malthus - theory of population, theory of gluts, David Ricardo -theory of rent and international trade.

### Unit IV – Trends in Economic Thought

**12 HOURS**

Economic ideas of Dutt- Economics ideas of Naoroji- Economic ideas of Ranade – Gandhian Economics – Jawaharlal Nehru Economics ideas.

### Unit V –Nobel Laureates in Economics

**12 HOURS**

Author Lewis and Theodore W. Schultz –AmartyaSen- Oliber Hear and BengtHolmstrom- Abhijit Vinayak Banerjee.

**TOTAL HOURS: 60**

## TEXT BOOKS AND REFERENCE BOOKS

1. V. Lokanathan, 2019, A History of Economic Thought, S. Chand Publication, New Delhi
2. Ganguli, B.N Indian Economic Thought: A 19th Century Perspective, Tata McGraw Hill, New Delhi, 1977).
3. Gide C and G. Rist, A History of Economic Doctrines, 2Edition), George Harrop & Co., London (1956).

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22ET1	VALUE EDUCATION	ETP	1	0/0	1/0	1

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits  
T/L/ETL : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

This course provides an exposes onthe basic concept of value education and to gain knowledge on human development and human rights and it emphasise the importance of value education on national and global development.

### COURSE OUTCOMES (Cos)

Students completing this course were able to

CO1	To familiarize the students with value concepts
CO2	To make the students aware of different types of values
CO3	To enable students to understand the positive and negative attitudes
CO4	To make the students to understand and respect to human development and rights
CO5	To enable students to understand the value in global scenario

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2		2	3		3	3
CO2	3	3	2		2	3		3	3
CO3	3	3	2		2	3		3	3
CO4	3	3	2		2	3		3	3
CO5	3	3	2		2	3		3	3

COs/PSOs	PSO1	PSO2	PSO3	PSO4
CO1	1			
CO2	1			
CO3	1			
CO4	1			
CO5	1			

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/i nternship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22ET1	VALUE EDUCATION	ETP	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### Unit I – Introduction to Value Education

**6 HOURS**

Meaning of Values and Value Education – Definition - Objectives of Value education – significance of value education in present context.

### Unit II – Kinds of Values

**6 HOURS**

Kinds of values: (a) Personal Values (b) Social Values(c) Moral and spiritual Values (d) Behavioural Values(e) Ethical Values

### Unit III – Attitudes

**6 HOURS**

Meaning of Attitudes- Positive Attitudes and benefits, Negative attitudes and impact of values.

### Unit IV –Human Development and Rights

**6 HOURS**

Value Education toward human development, Human Rights of women and Children, Violations and Redressel

### Unit V –Value Education towards National and Global Development

**6 HOURS**

National and International Values: Constitutional or national values - Democracy, socialism, secularism, equality, justice, liberty, freedom and fraternity.

**TOTAL HOURS: 30**

## TEXT BOOKS AND REFERENCE BOOKS

1. Shrimali K. L, 1974, A Search for Values in Education, Vikas Publishers, New Delhi.
2. Venkataram&Sandhiya . N, 2001, Research in Value Education, APH Publishing corporation, New Delhi.
3. Ruhela S. P, Human Value and Education, New Delhi, Sterling publishers, New Delhi.
4. N. Venkataiah, 2007, Value Education, APH publication corporation, New Delhi.

Subject Code	Subject Name : <b>FIELDWORK</b>		Ty/ Lb/ ETL	L	T/SLr	P/R	C					
HBSW22IL1	Prerequisite : None		Lb	0	0/0	2/0	1					
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits							T/L/ETL :					
Theory / Lab / Embedded Theory and Lab												
<b>OBJECTIVES :</b>												
1. To enable the students to develop their report writing skills and documentation												
2. To learn about sign language and life saving skills												
<b>COURSE OUTCOMES (Cos)</b>												
Students completing this course were able to												
<b>CO1</b>	Students will be able to document and do a professional report writing											
<b>CO2</b>	Students can able to help the community people by applying the skills they learnt											
<b>CO3</b>	Students will be able to make proposal for their needs											
<b>CO4</b>	Sign language is very helpful for the students to communicate with physically challenged.											
<b>CO5</b>	Applying all their theoretical knowledge in the field to get trained											
<b>Mapping of Course Outcome with Program Outcome (POs)</b>												
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1	2	3							
CO2	2	2	2	2	3							
CO3	1	1	1	1	3							
CO4	2	2	2	2	3							
CO5	3	3	3	3	3							
Cos/PSOs	PSO1			PSO2			PSO3			PSO4		
CO1												
CO2												
CO3												
CO4												
CO5												
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low												
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/in ternship	Others			
							✓					

Subject Code	Subject Name : <b>FIELDWORK</b>	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBSW22IL1	Prerequisite : None	Lb	0	0/0	2/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						

1. Documentation and Report writing
2. Life saving skills
3. Project Proposal writing
4. Sign language

**TOTAL NO. OF HOURS: 30**

<b>Subject Code:</b> <b>HBCC22I03</b>	<b>SOFTSKILLS II</b>		Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C		
	Total contact hours– 30		IE	0	0/0	2/0	1		
	Prerequisite –UG I year English								
	Course designed by–Department of English								
<b>Objectives:</b>									
<ol style="list-style-type: none"> <li>1. Cultivate employability skills that they get employed even before they leave the university.</li> <li>2. Build self-esteem and a sense of self-worth to be good team members</li> <li>3. Cultivate empathy to think from others' point of view to be good team leaders.</li> <li>4. Evolve as good global citizens within sights into social and professional ethics.</li> <li>5. Develop lifelong learning skills to adapt in the multicultural context of workplaces.</li> </ol>									
<b>Course Outcomes (Cos)</b>									
001	Cultivate employability skills that they get employed even before they leave the university.								
002	Build self-esteem and a sense of self-worth to be good team members								
003	Cultivate empathy to think from others' point of view to be good team leaders.								
004	Evolve as good global citizens within sights into social and professional ethics.								
005	Develop lifelong learning skills to adapt in the multicultural context of workplaces.								
<b>Program Specific Objectives</b>									
PSO1	Understanding of the basic concepts of English language and literature.								
PSO2	Learning through literature in English, diverse historical cultural and social ethics								
PSO3	Application of literary critical perspectives to generate original analysis of literature in English								
PSO4	Promotion of cultural values and real-life skills through English language and literature								
<b>Mapping of course outcomes (COs) with Program Outcomes (POs)</b> (H/M/L indicates the strength of correlation) H=High; M=Medium; L=Low									
COs	POs	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	3	3	3	1	2	2	1	2	3
2	3	3	3	1	2	2	1	2	3
3	3	3	3	1	2	2	1	2	3
4	3	3	3	3	3	2	1	2	3
5	3	3	3	3	3	2	1	2	3
<b>Mapping of course outcomes (Cos) with program Specific outcomes (PSO)</b>									
COs	PSO 1	PSO 2	PSO 3	PSO 4					
CO1	2								
CO2	2								
CO3	2								
CO4	2								
CO5	2								
<b>H/M/L Indicates Strength of Correlation: H-High; M- Medium; L Low</b>									
Category	Program Core	Program Core	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/intern ship	Others
							✓		

<b>Subject Code:</b> <b>HBCC22I03</b>	<b>SOFTSKILLS II</b>	Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C
	Total contact hours– 30	IE	0	0/0	2/0	1
	Prerequisite –UG I year English					
	Course designed by–Department of English					

### **Prefatory Note**

This paper aims to equip the advanced learners with skills essential for work place and global environment to which they will move on from the university, once they complete the course. As such, it covers a range of indispensable soft skills and values such as, self-esteem, empathy, public relations, positivity, reliability, professionalism, leadership and intercultural communication, interview skills, etc.. Together with the effective English communication in global contexts, these skills, if cultivated and strengthened, can immensely help the students become employable in the multinational companies as good global citizens abiding the social and professional ethics in cross-cultural diversity.

### **Course Objective**

The students will be facilitated to

1. Cultivate employability skills that they get employed even before they leave the university.
2. Build self-esteem and a sense of self-worth to be good team members
3. Cultivate empathy to think from others' point of view to be good team leaders.
4. Evolve as good global citizens with insights into social and professional ethics.
5. Develop lifelong learning skills to adapt in the multicultural context of workplaces.

### **Unit-I**

Conversational skills, Self-esteem skills, empathy, public relations

### **Unit-II**

Positivity, reliability, professionalism

### **Unit -**

**III** Leadership Problem solving

### **Unit-IV**

Intercultural communication skills

Global Mantra: Global, Cultural sensitivity, Group behaviour

Cultural intelligence: Low and High context, email and intercultural communication

### **Unit-V**

Group discussion & Interview skills



## **Course Outcome**

On completion of the course the students will

1. Cultivate employability skills that they get employed even before they leave the university.
2. Build self-esteem and a sense of self-worth to be good team members
3. Cultivate empathy to think from others' point of view to be good team leaders.
4. Evolve as good global citizens with insights into social and professional ethics.
5. Develop lifelong learning skills to adapt in the multicultural context of workplaces.

## **Suggested reading**

1. S.P.Dhanavel, English and Soft Skills, Vol.2 Orient Blackswan Pvt.Ltd.2010
2. P.D.Chaturvedi and M. Chaturvedi, Communication Skills, Pearson, 2012

# **SEMESTER – III**

Subject Code	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBFS22ID1	FOOD SAFETY AND QUALITY CONTROL	Ty	3	0/0	0/0	3

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits  
T/L/ETL : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

- Understand the common organisms associated with food borne illness
- Apply the principles and methods of storage and preservation of various foods.
- To study about the food safety methods.

### COURSE OUTCOMES (Cos)

Students completing this course were able to

<b>CO1</b>	Provide approaches to the planning and organization of a quality control system through food safety management.
<b>CO2</b>	Understand the relationship between microorganisms and natural products.
<b>CO3</b>	Evaluate on spoilage of food due to microorganisms, food borne illness, and various preservation techniques to prevent spoilage of food.
<b>CO4</b>	Provide packaging material knowledge of food products and factors involving packaging technology.
<b>CO5</b>	Provide a basic acquaintance with national, international standards and specifications of food measures and safety.

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	1	3
CO2	2	3	2	1	2
CO3	2	3	1	2	2
CO4	3	3	2	1	1
CO5	3	3	3	2	2

COs/PSOs	PSO1	PSO2	PSO3	PSO4
CO1	1			
CO2	1			
CO3	1			
CO4	1			
CO5	1			

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/in ternship	Others
						✓			

Subject Code	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBFS22ID1	FOOD SAFETY AND QUALITY CONTROL	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

### **Unit –I Food safety-basic concepts**

**9 Hours**

Food safety and importance of safe food. Factors affecting food safety- physical hazards, biological hazards, chemical hazards.

### **Unit –II**

**9 Hours**

Water: sources, bacteriology of water supplies, bacteriological examination and purification of water.

### **Unit -III**

**9 Hours**

#### **Spoilage of different groups of foods**

Causes, Factors affecting spoilage- Cereals, vegetables and fruits, meat, eggs, fish, milk

### **Unit-IV**

**9 Hours**

#### **Food packaging**

Packaging :concepts ,significance and functions. Classification of packaging materials flexible packages, rigid packages, retail or shipping containers. Packaging methods. Factors affecting the selection of packaging materials.

### **Unit -V**

**9 Hours**

#### **Food laws and standards**

Mandatory measures-FSSAI, PFA, Essential commodities act, 1955. Voluntary standards and certification system- Bureau of Indian standards, AGMARK. Consumer protection act, 1986. Food standardization q and regulation agencies in India-CCFS, CFL. International standards- Codex alimentarius, ISO, WHO, FAO, WTO, HACCP.

**TOTAL HOURS: 45**

**Reference Books:**

- Roday,S 1999. Hygiene and Sanitation in Food Industry. Tata Mc Graw Hill Publishing Company Ltd., New Delhi
- Frazier,W.C and Westhoff, D.C. Food Microbiology. Tata MC Graw –Hill Publishing Company Ltd., New Delhi, 5th Edition, 1997
- Adams,M.R and Moss ,M.O .Food Microbiology .New Age Intenational (P) Ltd., Publishers.1996
- Anna K.Joshua, Microbiology. Popular Book Dept. Publishers. 1994 New Delhi , 1996
- Potter,N.Hotchkiss, H.J. Food Science (5th edition) CBS Publishers and Distributors, New Delhi , 1996
- Srilakshmi B. Food Science. 4th Edition . New Age International Private Limited, New Delhi, 2008

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22005	MACRO ECONOMICS I		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro-foundations to the various aggregative concepts used in the previous course.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	Impart understanding the Meaning and concepts of Macro Economics.								
<b>CO2</b>	Define national income and explain the various methods to estimate national income								
<b>CO3</b>	Impart understanding consumption function and discuss various theories of consumption function								
<b>CO4</b>	Impart understanding the concept of saving function and its equality.								
<b>CO5</b>	Impart understanding the working of investment function and concepts of multiplier and accelerator.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2		1		1	2
CO2	3	3	3	2		3		1	2
CO3	3	3	3	2		3		1	2
CO4	3	3	3	2		3		1	2
CO5	3	3	3	2		3		1	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		2		
CO2	3		3		1		2		
CO3	3		3		1		2		
CO4	3		3		1		2		
CO5	3		3		3		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22005	MACRO ECONOMICS I	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### Unit I - Introduction to Macro Economics

**12 HOURS**

Introduction- nature and scope of Macro Economics- Limitations- Comparison of micro and Macro Economics- Macro Static, Macro Dynamic and Comparative Statics- Stock and Flow Concepts of Macro Economics.

### Unit II -National Income

**12 HOURS**

National Income - Meaning and Definition- Concepts- Methods of Measuring National Income- Limitations- Importance of National Income- Social Accounting- Circular Flow of Income and Expenditure.

### Unit III -Consumption Function

**12 HOURS**

Meaning- Properties of Consumption Function- Keynes Psychological Law of Consumption- Determinates- Theories of Consumption Function; Absolute Income Hypothesis- Relative Income Hypothesis- Permanent Income Hypothesis- Life Cycle Hypothesis.

### Unit IV - Saving Function

**12 HOURS**

Meaning of saving function – Determinants – Paradox of Thrift – The Classical and Keynesian view of Saving and Investment Equality.

### Unit V - Investment Function

**12 HOURS**

Meaning- Types of Investment- Present Value- Determinates of the Level of Investment- Investment Multiplier- Dynamic, Employment Multiplier- Acceleration- Super Multiplier.

**TOTAL HOURS: 60**

## TEXT BOOKS AND REFERENCE BOOKS

1. M.L Jingan, Macro Economic theory, Vrinda Publications (2019)
2. H.L Ahuja, Macro Economics theory and policy, S. Chand and Company Limited (2021)
3. G.S Gupta, Macro Economics, Theory and Applications, McGraw Hill Education (India) Private Limited (2017)
4. Robert E. Hall, David H. Papell, Macro Economics, Economic Growth, Fluctuations, and policy, Viva Books Private Limited (2010)

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22006	MONETARY ECONOMICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course brings insights on evolution of money, supply of money and functions of commercial banks and central banks of Indian and Indian monetary instruments and policy.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To develop knowledge on evolution of money								
<b>CO2</b>	To concerning about the supply of money and its measurement								
<b>CO3</b>	To aware the functions of the commercial banking sector and its regulatory measures in India								
<b>CO4</b>	To upgrade knowledge about the monetary transmission mechanism handled by the central bank.								
<b>CO5</b>	To understand the role and recent trends in Indian monetary policy								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1		3	1	2	2
CO2	3	3	3	2		3	1	2	2
CO3	3	3	3	2		3	1	2	2
CO4	3	3	3	2		3	1	2	2
CO5	3	3	3	2		3	1	2	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		2		
CO2	3		3		1		2		
CO3	3		3		1		2		
CO4	3		3		1		2		
CO5	3		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								



Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22006	MONETARY ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I -Introduction to Money**

**12 HOURS**

Evolution of money meaning – classification of money – functions of money – role of money – monetary standards – value of money –concept, measurements.

### **Unit II -Theories of Money**

**12 HOURS**

Quantity theory of money – Fisher’s approach – Cambridge approach – Keynes approach – Friedman’s modern quantity theory of money- Demand for money – Classical and Keynes theory – Supply of money - velocity of money – money supply in India.

### **Unit III -Commercial Banks**

**12 HOURS**

Banking – meaning and functions of commercial banks – types – structure of commercial bank in India- role of banks in growth and development- balance sheet and portfolio management of bank- Non- performing assets (NPA) –recent reforms of banking sector in India.

### **Unit IV- Central Banks**

**12 HOURS**

Meaning – function and role of central bank –Credit Control Methods of Credit Control – Bank Rate Policy – Significance and effects - Cash Reserve Ratio, Reserve bank of India – functions – role of RBI in economic growth and development.

### **Unit V - Monetary Policy**

**12 HOURS**

Meaning, objectives – instruments for monetary control by RBI – Role of monetary policy in India – Recent Trends of Monetary Policy in Five Year Plans. – Demonetisation.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Dr. R. R. Paul, 2018, Monetary Economics, Kalyani publishers, Chennai.
2. M.L. Seth, 2020, Monetary Economics, Lakshmi Narain Agarwal Publication.
3. M.L. Jhingan, 2021, Monetary Economics, VrindaPublicaiton, New Delhi.
4. Suraj.B Gupta, 2010, Monetary Economics Institutions, Theory and Policy, S. Chand & Company.

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22007	ENVIRONMENTAL ECONOMICS		Ty	3	1/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
To familiarize the students with the factors related to the economics of environment. To make the students understand the importance of environmental protection along with economic growth.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To Learn the scope and key concepts from environmental economics.								
<b>CO2</b>	To understand the major environmental problems and various alternative ways to solve it								
<b>CO3</b>	To impart understanding and allocation of resources using varies economic model								
<b>CO4</b>	Identifying solution to environmental problems- the command and control approach								
<b>CO5</b>	Learning of Environmental policies to formulate social morals and values.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1	3	2		1	2
CO2	3	3	3	1	3	2		1	2
CO3	3	3	3	1	3	2		1	2
CO4	3	3	3	1	3	2		1	2
CO5	3	3	3	1	3	2		1	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		2		1		2		
CO2	3		2		1		2		
CO3	3		2		1		2		
CO4	3		2		1		2		
CO5	3		2		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22007	ENVIRONMENTAL ECONOMICS	Ty	3	1/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I -Introduction to Environmental Economics**

**12 HOURS**

An Introduction to Environmental Economics – Economy-Environment Linkages – The Material Balance Principle – Public Goods – Externalities - Market Failure – Causes for market failure – Solutions to market failure

### **Unit II -Environmental Economic Theories**

**12 HOURS**

Pareto Optimality – Limits to Growth model –Coase`s Theorem- Simon Kuznet`s Inverted “U” Shaped Curve –Technology Versus Environment – Population and Environment.

### **Unit III- Environmental Management**

**12 HOURS**

Economics of Pollution Control - Environmental Impact Assessment (EIA) – Benefit/Cost Analysis.

### **Unit IV - Environmental Policies**

**12 HOURS**

Policy Measures International Environmental Policy – India`s Environmental Policy – Law and Environmental Protection in India - Sustainable Development.

### **Unit V –Case Study**

**12 HOURS**

Contemporary issues in Environmental Economics - Case Study - Report Submission.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

- 1.U. Shankar (2000), “Environmental Economics”, Oxford University Press, New Delhi.
- 2.Eugine T. (2005), “Environmental Economics”, Vrinda Publications, Pvt. Ltd, New Delhi.
3. M. Karpagam (2000), “Environmental Economics”, Sterling Publisher, Pvt.Ltd. New Delhi
4. RamprasadSengupta (2000), “Ecology and Economics”, Oxford University Press, New Delhi
5. Charles D. Kolstad (2000), “Environmental Economics”, Oxford University Press, New York

Subject Code: HBMA22001	Subject Name: Statistics for Economics		Ty/ Lb/ ETP	L	T/SLr	P/R						
	Prerequisite: Higher Secondary Mathematics		Ty	3	1/0	0/0						
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab												
<b>OBJECTIVES</b>												
<ul style="list-style-type: none"> <li>To understand the Basic concepts in Statistics</li> <li>To understand the Basic concepts in Measures of Central Tendency</li> <li>To understand the Basic concepts in Correlation</li> <li>To understand the Basic concepts in Index numbers</li> <li>To understand the Basic concepts in Time series</li> </ul>												
<b>COURSE OUTCOMES (Cos)</b>												
Students completing this course were able to												
<b>CO1</b>	Understand the basic concepts of Statistics and Data collection											
<b>CO2</b>	Learn how to analyze the Data with various measures of Central Tendency and Dispersion											
<b>CO3</b>	Understand the concept of Correlation and Regression											
<b>CO4</b>	Understand the basic concepts of Index numbers											
<b>CO5</b>	Learn how to analyze the data using Time Series											
<b>Mapping of Course Outcome with Program Outcome (POs)</b>												
<b>Cos/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>			
<b>CO1</b>	3	2	3	3	3	2	1	2	3			
<b>CO2</b>	3	2	3	3	3	2	1	2	3			
<b>CO3</b>	3	2	2	3	2	3	2	1	2			
<b>CO4</b>	3	2	3	3	3	2	1	2	2			
<b>CO5</b>	2	2	3	2	3	1	1	2	3			
<b>COs /PSOs</b>	<b>PSO1</b>			<b>PSO2</b>			<b>PSO3</b>		<b>PSO4</b>			
<b>CO1</b>				1			3		3			
<b>CO2</b>				1			3		3			
<b>CO3</b>				1			3		3			
<b>CO4</b>				1			3		3			
<b>CO5</b>				1			3		3			
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low												
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others			
			√									

Subject Code: HBMA22001	Subject Name: Statistics for Economics	Ty/ Lb/ ETP	L	T/SLr	P/R
	Prerequisite: Higher Secondary Mathematics	Ty	3	1/0	0/0
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab					

## COURSE CONTENT

### UNIT I BASICS OF STATISTICS

**12 HOURS**

Data: Definition, Types, Collection of Data – Primary and Secondary data – Questionnaire and Schedules.

### UNIT II MEASURES OF CENTRAL TENDENCY

**12 HOURS**

Measures of Central Tendency – Mean –Median –Mode – Quartiles – Measures of Dispersion – The Range – Quartile Deviation - Standard Deviation

### UNIT III CORRELATION AND REGRESSION

**12 HOURS**

Bi-variate Data - Correlation - Karl person's Coefficient of Correlation - Spearman's rank correlation – Linear Regression (Simple problems).

### UNIT IV INDEX NUMBERS

**12 HOURS**

Definition - Limitations and uses of Index numbers - Construction of index number by aggregate expenditure method and family budget method using Laspeyre's - Paasche's and Fisher's Formula.

### UNIT V TIME SERIES

**12 HOURS**

Meaning of Time series - Various components of Time series: Trend, Seasonal, Cyclic and Random components - Methods of measuring Trend by (a) Graphical method (b) Moving average method.

(Simple problems).

**TOTAL HOURS: 60**

### Reference Books:

1. Gupta S.C., Kapoor V.K., *Fundamentals of Mathematical Statistics*, S.Chand & Co., (2007).
2. Robert M. Leekley., *Applied Statistics for Business and Economics*, Taylor & Francis, S.Chand Publishing Co., (2015).
3. Arora P.N., *Business Statistics*, S.Chand & Co., (2007).
4. Sharma J.K., *Business Statistics*, Vikas Publishing., (2016).

Subject Code	Subject Name :				Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22ET2	BASIC RESEARCH METHODOLOGY IN ECONOMICS				ETP	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
To make the students understand the basic concepts and principles of different methodologies used in research and to throw light on the process of literature survey.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding the meaning and concepts of basic research process								
<b>CO2</b>	To analyse and identify the research topics and sources of Review of Literatures								
<b>CO3</b>	To identifying Research Gap and clear information about research topic.								
<b>CO4</b>	To analyse the data and interpret the analysis.								
<b>CO5</b>	To find the resources conclusion and suggestions.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3		3	1	3	1
CO2	3	3	3	3		3	1	3	1
CO3	3	3	3	3		3	1	3	1
CO4	3	3	3	3		3	1	3	1
CO5	3	3	3	3		3	1	3	1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		1		1		1		
CO2	1		3		1		3		
CO3	1		3		1		3		
CO4	1		2		3		3		
CO5	1		2		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
			✓						

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22ET2	BASIC RESEARCH METHODOLOGY IN ECONOMICS	ETP	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I – Introduction to Research**

**6 HOURS**

Meaning of research- objectives- types- significance- research method- research process- criteria for good research.

### **Unit II - Conduct a Literature Survey**

**6 HOURS**

Identifying the research topics and sources of Review of Literatures - analysing and arriving at relevant Review of Literatures.

### **Unit III – Profile of the study**

**6 HOURS**

Identifying Research Gap - Clear information about the research problems and collection of secondary data based on the research problem – Samples – Sampling Error- Types of Sampling design.

### **Unit IV - Data Analysis and Interpretation**

**6 HOURS**

Data collection- collection of primary data: questionnaire preparation- tabulation- data analysis and interpretation by using Ms.office / Ms. excel.

### **Unit V –Finding, Conclusion, Suggestions of the Study**

**6 HOURS**

Based on research data analysis and the overall study the research findings, conclusion and suggestions to be prepare - research report writing.

**TOTAL HOURS: 30**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Research Methodology C R Kothari, Gaurav Garg– Sultan Chand Publications
2. Methodology of Research in Social Sciences, O.R Kirshnaswami, M.Ranganatham Himalaya Publishing House

Subject Code: HBCC22I05	Subject Name: Qualitative and Quantitative Techniques (Soft Skill III)	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
	Prerequisite: Higher Secondary Mathematics	IE	0	0/0	2/0	1

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation

### OBJECTIVES

- To understand the Basic concepts in Logical Reasoning
- To understand the Basic concepts in Arithmetical Reasoning
- To understand the Basic concepts in Data Interpretation

### COURSE OUTCOMES (Cos)

Students completing this course were able to

<b>CO1</b>	Understand the basic concepts of Logical Statements and Arguments
<b>CO2</b>	Understand the concept of Logical conclusions
<b>CO3</b>	Understand the Basic concepts in Number system
<b>CO4</b>	Understand the basic concepts of Permutations and Combinations
<b>CO5</b>	Learn how to analyze the data using Pictorial representation

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO 1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9			
<b>CO1</b>	3	2	3	3	3	2	1	2	3			
<b>CO2</b>	2	3	2	3	3	2	1	2	2			
<b>CO3</b>	3	2	3	2	3	1	2	1	3			
<b>CO4</b>	3	1	2	3	2	3	3	2	2			
<b>CO5</b>	3	2	3	2	3	2	1	2	3			
<b>COs /PSOs</b>	<b>PSO1</b>				<b>PSO2</b>				<b>PSO3</b>	<b>PSO4</b>		
<b>CO1</b>									3	2		
<b>CO2</b>									3	2		
<b>CO3</b>									3	2		
<b>CO4</b>									3	2		
<b>CO5</b>									3	2		

3/2/1 Indicates Strength Of Correlation, 3 – High, 2-Medium, 1- Low

Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
							✓		



Subject Code: HBCC22I05	Subject Name: Qualitative and Quantitative Techniques (Soft Skill III)	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
	Prerequisite: Higher Secondary Mathematics	IE	0	0/0	2/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits Theory / Lab / Embedded Theory and Lab IE: Internal Valuation						T/L/ETL :

### UNIT 1 Logical Reasoning I

**6 HOURS**

Logical Statements – Arguments – Assumptions – Courses of Action.

### UNIT 2 Logical Reasoning II

**6 HOURS**

Logical conclusions – Deriving conclusions from passages – Theme detection.

### UNIT 3 Arithmetical Reasoning I

**6 HOURS**

Number system – H.C.F & L.C.M – Problem on ages – Percentage – Profit & Loss – Ratio & Proportion  
– Partnership.

### UNIT 4 Arithmetical Reasoning II

**6 HOURS**

Time & Work – Time & Distance – Clocks – Permutations & Combinations – Heights & Distances – Odd man out and Series.

### UNIT 5 Data Interpretation

**6 HOURS**

Tabulation – Bar graphs – Pie graphs – Line graphs.

**TOTAL HOURS: 30**

### Reference Book:

1. R.S.Agarwal, A modern approach to Logical Reasoning, S.Chand& Co., (2017).
2. R.S.Agarwal, A modern approach to Verbal and Non verbal Reasoning, S.Chand& Co., (2017).
3. R.S.Agarwal, Quantitative Aptitude for Competitive Examinations, S.Chand& Co., (2017).
4. A.K.Gupta, Logical and Analytical Reasoning, Ramesh Publishing House, (2014).
5. B.S.Sijwali, Indusijwali, A new approach to Reasoning (Verbal and Non verbal), Arihant Publishers, (2014).

Subject Code	Subject Name :		Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C		
HBCC22I04	Statistical and Numerical Methods with Programming		IE	0	0	3/0	2		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation									
<b>OBJECTIVES</b>									
<ul style="list-style-type: none"> <li>To understand the Basic concepts in Measures of Central Tendency</li> <li>To understand the Basic concepts in Correlation and Regression</li> <li>To understand the methods of solving Algebraic and Transcendental equations</li> <li>To understand the basic concepts in R Programming language</li> </ul>									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	Understand the basic concepts in Measures of Central Tendency								
<b>CO2</b>	Understand the basic concepts in Correlation and Regression								
<b>CO3</b>	Try to solve Algebraic equations								
<b>CO4</b>	Try to solve system of Linear Equations								
<b>CO5</b>	Learn how to apply R programming to solve Statistical and Numerical problems								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	3	3	2	2	1	2	3
CO2	3	2	2	3	3	1	1	2	3
CO3	2	2	3	2	3	2	2	1	2
CO4	3	2	3	3	3	2	1	1	3
CO5	2	2	3	3	2	1	1	2	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1					3		3		
CO2					3		3		
CO3					3		3		
CO4					3		3		
CO5					3		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
HBCC22I04	Statistical and Numerical Methods with Programming	IE	0	0	3/0	2
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation						

**UNIT I: MEASURES OF CENTRAL TENDENCY & VARIABILITY 6 HOURS**

Mean, Median, Mode – Range, Quartile Deviation – Mean Deviation - Standard Deviation

**UNIT II CORRELATION AND REGRESSION 6 HOURS**

Correlation Coefficient – Spearman’s Rank Correlation – Linear Regression

**UNIT III SOLUTION OF EQUATIONS 6 HOURS**

Solution of Algebraic equations – Method of false position – Iteration method – Newton-Raphson method

**UNIT IV SOLUTION OF LINEAR SYSTEM OF EQUATIONS 6 HOURS**

Solution of Linear system of equations – Gauss Elimination method – Gauss-Jordan method .

**UNIT V PROGRAMMING IN R 6 HOURS**

Algorithm to find Mean, Median, Mode and Standard Deviation Using R, Algorithm to find Correlation coefficient using R, Algorithm to solve System of Equations.

**TOTAL HOURS: 30**

**REFERENCES:**

1. Veerarajan T., *Probability, Statistics and, Random Processes*, Tata McGraw Hill Publishing Co., (2008).
2. Gupta S.C., Kapoor V.K., *Fundamentals of Mathematical Statistics*, S.Chand& Co., (2007).
3. Sastry S.S., *Introductory Methods of Numerical Analysis*, Prentice Hall of India, (2012).
4. Kandasamy P., Thilagavathy, Gunavathy K., *Numerical Methods (Vol.IV)*, S.Chand& Co., (2008).
5. Victor A. Bloomfield, *Using R for Numerical Analysis in Science and Engineering*, CRC Press, Taylor & Series Group(2014).

# **SEMESTER – IV**

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBPP22ID1	BASIC INTRODUCTION TO CONSTITUTION OF INDIA	Ty	3	0/0	0/0	3

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits  
T/L/ETL : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

- To know about the basic constitutional framework of India.
- To know about the concept and duties of constitutional bodies, non constitutional bodies, statutory bodies of union and state government.
- To understand the concept of parliamentary procedures, Centre – state relation and about local government.

### COURSE OUTCOMES (Cos)

Students completing this course were able to

<b>CO1</b>	Understand and explain the significance of Indian Constitution as the fundamental law of the land.
<b>CO2</b>	Exercise his fundamental rights in proper sense at the same time identifies his responsibilities in national building.
<b>CO3</b>	Analyse the Indian political system, the powers and functions of the Union, State and Local Governments in detail.
<b>CO4</b>	Understand Electoral Process, Emergency provisions and Amendment procedure.
<b>CO5</b>	Delineating the constitutional provisions and dynamics of union -state relationships.

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
<b>CO1</b>	2	3	3	1								
<b>CO2</b>	3	1	3	3								
<b>CO3</b>	2	3	1	1								
<b>CO4</b>	3	3	2	1								
<b>CO5</b>	3	1	1	2								

COs/PSOs	PSO1	PSO2	PSO3	PSO4
<b>CO1</b>	2	2		
<b>CO2</b>	2	2		
<b>CO3</b>	2	2		
<b>CO4</b>	2	2		
<b>CO5</b>	2	2		

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
						✓			

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBPP22ID1	BASIC INTRODUCTION TO CONSTITUTION OF INDIA	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

### **UNIT - I**

**9 HOURS**

Making of the Indian Constitution- Constituent Assembly - Salient features of the Indian Constitution-Nature of Indian Federalism – Preamble - Citizenship – Schedules.

### **UNIT – II**

**9 HOURS**

Fundamental Rights - Directive Principles of State Policy –fundamental duties.

### **UNIT – III**

**9 HOURS**

Election – powers - positions – functions - President – Council of ministers - Prime Minister - Parliamentary system of Government - Parliamentary procedures - Finance Commission - Executive – Judiciary.

### **UNIT – IV**

**9 HOURS**

Election – powers - positions – functions – Governor - Chief Minister - Legislative Assembly - Legislative Procedures.

### **UNIT – V**

**9 HOURS**

Judiciary – jurisdiction – powers and functions Supreme Court – High court.

**TOTAL HOURS: 45**

### **REFERENCES**

1. D.D Basu, Introduction to Indian Constitution,
2. Prentice Hall, New Delhi 2. M.V Pylee, Indian
3. Constitution, S Chand and Company, New Delhi 3.
4. J.C Johari, Government and Politics in India, Vishal Publications, New Delhi

Subject Code	Subject Name :				Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22008	MACRO ECONOMICS –II				Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	Impart understanding the importance of classical and Keynesian view on employment								
<b>CO2</b>	To impart understanding macroeconomic aggregates and apply the post Keynesian theory on labour and money market in the economy.								
<b>CO3</b>	Impart understanding the price level theories of the economy.								
<b>CO4</b>	Impart understanding the Macro Economic theories in analyzing the determinants of business cycle and the implications for government intervention								
<b>CO5</b>	Impart understanding the New classical and Keynesian principles of macro economics								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2		1		1	2
CO2	3	3	3	2		3		1	2
CO3	3	3	3	2		3		1	2
CO4	3	3	3	2		3		1	2
CO5	3	3	3	2		3		1	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		1		
CO2	3		3		1		2		
CO3	3		3		1		2		
CO4	3		3		1		2		
CO5	3		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22008	MACRO ECONOMICS –II	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### Unit I – Aggregate Demand and Aggregate Supply 12 HOURS

Introduction to effective demand – aggregate demand price – aggregate supply price – determinants of aggregate demand and supply – significance of effective demand.

### Unit II - Keynesian Classical Synthesis 12 HOURS

A comparison of Classical and Keynesian view on determination of income, employment and output- Classical Theory of Employment- Say's law of market- wage price flexibility-Classical Dichotomy and Neutrality of Money - IS-LM model and analysis.

### Unit III -Price Level Theories 12 HOURS

Inflation- inflationary gap- demand pull inflation- Philips curve- cause and effects- measures to control-nature and comparison; stagnation- deflation – recession.

### Unit IV - Business Cycle 12 HOURS

Meaning- Characteristics- Phases- Causes- Effects- Theories; Hawtrey's – Hayek's- Schumpeter- Measures to control.

### Unit V - New Classical and Keynesian 12 HOURS

Meaning and concept of the new Classical Macroeconomics –The New Keynesian Economics; Sticky nominal wages, nominal price, real wages – coordination failure - implication- criticism.

**TOTAL HOURS: 45**

## TEXT BOOKS AND REFERENCE BOOKS

1. M.L Jingan, Macro Economic theory, Vrinda Publications (2019)
2. H.L Ahuja, Macro Economics theory and policy, S. Chand and Company Limited (2021)
3. D.N. Dwivedi, Macro Economics : Theory and policy, McGraw Hill Education, (2010)
4. G.S Gupta, Macro Economics, Theory and Applications, McGraw Hill Education (India) Private Limited (2017)
5. Robert E. Hall, David H. Papell, Macro Economics, Economic Growth, Fluctuations, and policy, Viva Books Private Limited (2010)



Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22009	DEVELOPMENT ECONOMICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course aims to educate the students on measurement and indicators of economic development. The students will gain the knowledge on poverty, inequality, theories of economic growth and theories of economic development, capital formation, and role of state in economic development.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding the basic indicators of measuring development economics and analyzing the factors of growth and development.								
<b>CO2</b>	To impart understanding the poverty, poverty indices and inequality in the Indian context.								
<b>CO3</b>	To analyse growth models and their impact on economic growth.								
<b>CO4</b>	To analyse development models and their impact on economic development.								
<b>CO5</b>	To impart understanding the capital formation, theory of dualistic and role of state in economics development.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1		3			1
CO2	3	3	3	1		3		1	1
CO3	3	3	3	1		3			1
CO4	3	3	3	1		3			1
CO5	3	3	3	1		3			1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		1		3		
CO3	3		2		1		1		
CO4	3		2		1		1		
CO5	3		2		1		1		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22009	DEVELOPMENT ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Concepts of Development**

**12 HOURS**

Meaning- nature of development- Economic Development and Growth- measurement of economic development- Human Development Indices (HDI) - Sustainable development; objective- policies- measures- obstacles of Economic development- factors of economic growth and development.– PQLI, HDI, Gender Development Index (GDI), Global Hunger Index (GHI) World Development Indicator (WDI) .

### **Unit II - Poverty and Inequality**

**12 HOURS**

Measurement of poverty absolute and relative - Head Count Index - Poverty Gap Indices - policy options for alleviation of poverty inequality – types - measurement of income inequality, economic growth and income inequality - Kuznet's inverted Hypothesis, impact of inequality on development.

### **Unit III - Theories of Economic Growth**

**12 HOURS**

Model of growth; TheHarrod -Domar model- Robert Solow Model of Steady Growth- Joan Robinson's model- Kaldor's Growth Model- Concepts of balanced and unbalanced growth – Theories of Nurkse and Hirschman - Rostow's Stages of Economic Growth.

### **Unit IV - Theories of Economic Development**

**12 HOURS**

Model of development; Adam smith- Thomas Robert Malthus theory- Arthur Lewis theory of unlimited supply of Labour- Ranis and Fei model of labour surplus.

### **Unit V - Measures for Development**

**12 HOURS**

Capital formation and Human capital formation - role of agriculture and industry- Role of state in economic development – Dualistic theory of economic development (technological dualism, financial dualism and social dualism)

**TOTAL HOURS: 60**

### **TEXT BOOKS AND REFERENCE BOOKS**

1. Economics of Development and Planning, M L Jhingan Sultan Chand Publications.
2. Economics of Development and Planning, M.L. Taneja&R.M. Myer, Vishal Publications.
3. Development Economics, A critical Study of Economic Growth, Development and Environment, H.L. Ahuja, 2020, S. Chand and Company Limited.
4. Debraj Ray, Development Economics, Oxford University Press, 2009.
5. ParthaDasgupta, Economics, A Very Short Introduction,Oxford University Press, 2007.
6. AbhijitBanerjee, RolandBenabou and DilipMookerjee, Understanding Poverty,Oxford University Press, 2006.
7. DaronAcemoglu and James Robinson, Economic Origins of Dictatorship and Democracy,Cambridge University Press, 2006.
8. Robert Putnam, Making Democracy Work: Civic Traditions in Modern Italy, Princeton University Press, 1994.

Subject Code	Subject Name :	Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C			
HBEM22I01	TRAININGFORCOMPETITIVE EXAMINATIONS AND EMPLOYABILITYSKILLS	IE	1	0/0	1/0	1			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
Tofacilitatethestudentstopreparethemselvesforcompetitiveexamination.Toenablethestudentsto equip themselves in current Affairs. To train in Quantitative Aptitudes and Reasoning to face Government and Bank examinations.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	The student twill be able to gain knowledge on current affairs and develop quantitative aptitude skills.								
<b>CO2</b>	To train the students for reasoning ability								
<b>CO3</b>	The student twill be able to observe and get updated with daily events by reading newspapers and magazines								
<b>CO4</b>	To develop good quality of verbal and written communications skills among the students.								
<b>CO5</b>	The student will be able to acquire basic employability skills.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1		3	3	2	3
CO2	3	3	3	1		3		1	3
CO3	3	3	3	1		3	3	1	3
CO4	3	3	3	1	2	3		1	3
CO5	3	3	3	1	3	3		1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	2		3		1		2		
CO2	1		1		3		1		
CO3	2		3		1		1		
CO4	2		3		1		1		
CO5	1		3		1		1		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C
HBEM22I01	TRAININGFORCOMPETITIVE EXAMINATIONS AND EMPLOYABILITYSKILLS	IE	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation						

### **COURSECONTENT**

#### **UNITI-Current Affairs**

**6 HOURS**

General Knowledge- CurrentAffairs(ObjectiveType)–History(AncientMedieval&Modern)–Geography (International and India) – Economics (GDP – Population – Poverty – Employment) –Quantitative Aptitude – Arithmetic Ability – Basics, Problems on Number – Ages – Percentage – Ratio,Profit&Loss–TimeandDistance–Interest–CalendarandClockstestPractice.(ObjectiveType).

#### **UNITII-Reasoning**

**6 HOURS**

Verbal Reasoning – General Mental Ability-Logical Reasoning –Non-Verbal Reasoning –Analytical Reasoning (Objective Type).

#### **UNITIII -Daily Events**

**6 HOURS**

Current Issues – News Papers (The Hindu, the Indian Express, Times of India and MINT)Magazines(India Today, Business Today).

#### **UNITIV-Communication**

**6 HOURS**

Employability Skills– Verbal Communication–Team Work– Awareness–Analysing and investigating – Self Motivation – Drive – Written Communication – Planning and Organising –Flexibility– Time Management-Preparing a Curriculum Vitae.

#### **UNITV– Employability Skills**

**6 HOURS**

Reasoning- Cognitive Skills- Retention Skills. Personality Skills- Expressive Skills- Leadership Skills- Attitude Skills.

**TOTAL HOURS:30**

### **TEXTBOOKS AND REFERENCE BOOKS**

1. Softskillspersonalitydevelopmentfor LifeSuccess,PrashantSharma,BPBPublications,NewDelhi, Edition 2018.
2. SkillDevelopmentinIndia,Dr.B.Ramaswamy,Dr.R.SasikalaPushpa,Dr.M.B.Gururaj,PrabhatPaperbacks, New Delhi2019.
3. 10000 + Objective MCQs with Explanatory Notes for General Studies (UPSC/SatePCS/SSC/Banking/Railways/DefenceandOtherCompetitiveexams,DishaPublication ,NewDelhi, March2019.
4. The Economics of Skills: Pathways to Employability, Sunil Sharma, CSMFLPublications(Internationalpublishersofknowledge&literature)India, Edition2020.
5. DevelopingGraduateEmployabilitySkills,YourPathwaytoEmployment,MercyV.Chaita,Univers al-Publishers, BocaRaton,Florida,2016.

Subject Code	Subject Name :				Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C
HBEM22I02	SOCIAL ACCOUNTABILITY TOOLS AND TECHNIQUES				IE	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation									
<b>OBJECTIVES</b>									
The course focuses on evaluating the effectiveness of governance with the help of Social Accountability Tools. By using various tools and techniques the students will develop applied knowledge to assess various policies and performance of Union and State government.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To understand the concept and importance of Good Governance								
<b>CO2</b>	To provide knowledge on various Social Accountability Tools and Techniques								
<b>CO3</b>	To provide applied knowledge in the area of Budget tracking and analysis								
<b>CO4</b>	To provide applied knowledge through conducting Community Score Card								
<b>CO5</b>	To provide applied knowledge through conducting Public Expenditure Tracking & Citizen Report Card								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3		3		3	3
CO2	3	3	3	3		3		3	3
CO3	3	3	3	3		3		3	3
CO4	3	3	3	3		3		3	3
CO5	3	3	3	3		3		3	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		2		1		3		
CO2	2		2		1		3		
CO3	2		2		3		3		
CO4	1		2		3		3		
CO5	2		2		3		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETL/IE	L	T/SLr	P/R	C
HBEM22I02	SOCIAL ACCOUNTABILITY TOOLS AND TECHNIQUES	IE	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation						

## **COURSE CONTENT**

### **UNIT – I – Good Governance 6 HOURS**

Introduction – Concept – Approaches – Elements & Importance

### **UNIT – II – Introduction to Social Accountability Tools and Techniques 6 HOURS**

Introduction – Concept – Types of Social Accountability Tools - Participatory budgeting - Budget Analysis - Community Score Card–Public Expenditure Tracking - Citizen Report Cards - Social Audits

### **UNIT – III – Exercise on Budget Analysis 6 HOURS**

Budget analysis for last five years of union budget and State Budget

### **UNIT – IV –Exercise on Community Score Card 6 HOURS**

Preparatory Groundwork – Input – Tracking Scorecard – Performance Scorecard by community – Self - Evaluation Scorecard by Service Providers

### **UNIT –V –Exercise on Public Expenditure Tracking 6 HOURS**

#### **& Citizen Report Card**

Public Expenditure tracking - Union government schemes - State government schemes – Citizen Report Cards – assessing satisfaction level of service delivery.

**TOTAL HOURS: 30**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Carver, The Principles of Rural Economics.
2. Desai, A., Rural Sociology in India.
3. Dube, S.C., India's changing villages.
4. Nanavati&Anjala, rural problems in India.
5. RuddarDutt&K.P.M.Sundaram, Indian Economy.
6. Sachdeva, D.A.&VidyaBhushan, An Introduction to Sociology

# **SEMESTER – V**



Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22010	FISCAL ECONOMICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
It enables the students to understand and learn about the working principle of government's finances (public revenue, expenditure and debt). Its helps to analyse the budget of the government to provide welfare. It helps students to gain the knowledge about the allocation of resources.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To impart understanding the concepts of public financing with maximum social advantage.								
<b>CO2</b>	To impart understanding about the taxation system and its effects on the economy.								
<b>CO3</b>	To impart understanding the basic concepts of public expenditure and its benefits on the economic growth.								
<b>CO4</b>	To impart understanding and Discuss the effects of public debt and measures to control.								
<b>CO5</b>	To impart understanding the role of government in financial procedures through budgeting and recent trends of the country.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2		3		1	1
CO2	3	3	3	2		3		1	2
CO3	3	3	3	2		3		1	2
CO4	3	3	3	2		3		1	2
CO5	3	3	3	2		3		1	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		2		3		
CO3	3		3		2		3		
CO4	3		3		2		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22010	FISCAL ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction to Public Finance**

**12 HOURS**

Meaning and definition of Public finance, Difference between Public finance and Private finance, Maximum Social Advantage Principle.

### **Unit II - Public Revenue**

**12 HOURS**

Public Revenue – Sources of taxation, Canons of Taxation- Objectives, Classification of taxes- Taxation on production, distribution and consumption-Effects- Shifting and incidence of taxes; impacts- GST- GST Council.

### **Unit III - Public Expenditure**

**12 HOURS**

Public Expenditure- Types of public expenditure – Causes for the growth of Public Expenditure - Importance - Classification of Public Expenditure, Effects of public expenditure on production employment and distribution – recent trends on public expenditure in India.

### **Unit IV - Public Debt**

**12 HOURS**

Public debt - Meaning and classification of public debt - Need for public borrowing - Effects of public debt on production, consumption and distribution - Growth of public debt in India - control of public debt - burden of public debt- Deficit Financing – Source of deficit financing Role of deficit financing – cause and type of deficit financing.

### **Unit V –Budgetary Procedure**

**12 HOURS**

Meaning and Objectives of Fiscal Policy, Instrument for Fiscal Control, Fiscal Policy in India; Recent trends, Budget- Features- Recent Central, Union and State Budget.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. DuttRuddar and Sundharam K.P.M, 2007, Public Finance, S. Chand Publication, New Delhi.
2. Tyagi, B.P & H.P Singh, 2016, Public Finance, Jai Prakash Nath& Co.
3. Sankaran.S, 2020, Fiscal Economics, MarghamPublicaiton, T. Nagar, Chennai
4. S. K. Singh, 2008, Public Finance in Theory and Practice, S. Chand Publication, New Delhi
5. Richard A.Musgrave& Peggy B. Musgrave, Public Finance in Theory and Practice, McGraw Hill Education; 5th edition (1 July 2017)

Subject Code	Subject Name :		Ty/ Lb/ ETL	L	T/SLr	P/R	C		
HBEM22011	INTERNATIONAL ECONOMICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This subject helps the student gain an insight about the international trade and the relationship between countries in trade. To help the student to know about the tariffs and exchanges happening in the market and will be able to understand the basic terms of international trade.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding the significance of international trade								
<b>CO2</b>	To analysing the various theories of international trade.								
<b>CO3</b>	To impart understanding terms of trade and its relationship to economic growth.								
<b>CO4</b>	To explain tariffs, types of tariffs, balance of payments and disequilibrium in balance of payments.								
<b>CO5</b>	To analyse India's foreign trade composition and the role of IMF, IBRD& WTO in international trade.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	1		3		1	1
CO2	3	3	2	1		3		1	1
CO3	3	3	2	2		3		2	2
CO4	3	3	2	2		3		2	3
CO5	3	3	2	2		3		2	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		2		2		
CO2	3		3		2		2		
CO3	3		3		2		2		
CO4	3		3		2		2		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBEM22011	INTERNATIONAL ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction to International Trade**

**12 HOURS**

Meaning and importance of International Trade – Interstate – Intra state - Regional and International Trade.

### **Unit II - Theories of International Trade**

**12 HOURS**

Theories of International Trade - theory of absolute advantage - theory of comparative cost and Hecksher - Ohlin theory.

### **Unit III - Terms of Trade**

**12 HOURS**

International Trade and Economic growth - Terms of trade - Gross Barter and Net Barter and Income terms of trade.

### **Unit IV - Tariffs and Quota**

**12 HOURS**

Tariffs - meanings and definition - Types of tariffs - Concept of optimum tariff Balance of payments –Fixed and flexible exchange rate- Causes for disequilibrium in balance of payments – Quota – Meaning and definition – Import Tariff versus Quota - Administration of an Import Quota.

### **Unit V - Foreign Trade**

**12 HOURS**

India's Foreign Trade - composition and direction- Foreign exchange rate- Recent EXIM policy – Role of IMF, IBRD & WTO – Financial Globalization - Multinational Company (MNC's)- positive and negative impacts of MNC

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Jhingan M L International Economics 2009, Vrinda Publications
2. B.O.Soderston - "International Economics", Macmillan, 1995.
3. C.P.Kindle Berger - "International Economics".
4. 3..J.Bhagawathi - "International Trade - Selected Readings", Cambridg University Press
5. D.M.Mithani&G.K.Murty - "Business Economics", Himalaya Publishing House, 2015.
6. Salvatore Dominick (2005) International Economics, John Wiley & Sons, Inc
7. Mithani D.M (2003) International Economics, Himalaya Publishing House, Mumbai
8. Mannur H.G (2003) International Economics Vikas publishing House Pvt Ltd, New Delhi

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22ET3	TAXES AND TAX EXERCISE		ETP	1	0/0	1/0	1		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The student will understand the concept of taxes and taxation on agriculture, wealth, commodity and the gain the knowledge on recent taxes and its review									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To understand the concept of central and state tax ratio and know about the various countries taxes.								
<b>CO2</b>	To understand the concept and principles of Direct taxes								
<b>CO3</b>	To understand the concept and principles of Indirect taxes								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1		3		1	3
CO2	3	3	3	1		3		1	3
CO3	3	3	3	1		3		1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		2		2		2		
CO2	3		2		2		2		
CO3	3		2		2		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22ET3	TAXES AND TAX EXERCISE	ETP	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I – Tax Ratio**

**10 HOURS**

Central and State tax ratio on GDP, comparison with developed and under developed countries of taxes.

### **Unit-II Direct taxes**

**10 HOURS**

Concept and definition-types- tax rate- advantage and disadvantage

### **Unit III- Indirect Tax**

**10 HOURS**

Concept and definition- Goods and service tax (GST)- CGST-SGST- Tax rate slabs.

**TOTAL HOURS: 30**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. DuttRuddar and Sundharam K.P.M, 2007, Public Finance, S. Chand Publication, New Delhi.
2. Tyagi, B.P & H.P Singh, 2016, Public Finance, Jai Prakash Nath& Co.
3. Sankaran.S, 2020, Fiscal Economics, MarghamPublicaiton, T. Nagar, Chennai
4. S. K. Singh, 2008, Public Finance in Theory and Practice, S. Chand Publication, New Delhi
5. Richard and Peggy B. Musgrave, 1980, Public Finance in Theory and Practice, McGraw Hill International Book Co.

Subject Code	Subject Name :	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
HBFL22IXX	FOREIGN LANGUAGE	IE	1	0/0	1/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Valuation						

### **Foreign Language**

Foreign language is introduced in the curriculum to make the students globally employable. Students should select and register for any one of the foreign languages from the given list. At the end of the course students should be able to read, write and converse the language in the basic level. At the end of the semester the assessment will be done through internal examination by the examiner duly appointed by the head of the department.

S.NO	COURSE CODE	COURSE NAME
1	EBFL22I01/HBFL22I01	FRENCH
2	EBFL22I02/ HBFL22I02	GERMAN
3	EBFL22I03/ HBFL22I03	JAPANESH
4	EBFL22I04/ HBFL22I04	ARABIC
5	EBFL22I05/ HBFL22I05	CHINESE
6	EBFL22I06/HBFL22I06	RUSSIAN
7	EBFL22I07/HBFL22I07	SPANISH

# **SEMESTER – VI**



Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBCC22001	ENVIRONMENTAL STUDIES	Ty	3	0/0	0/0	3

L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits  
T/L/ETL : Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

- To acquire knowledge of the Environment and Ecosystem & Biodiversity
- To acquire knowledge of the different types of Environmental pollution
- To know more about Natural Resources and social issues and the Environment
- To attain familiarity of human population and Environment

### COURSE OUTCOMES (Cos)

Students completing this course were able to

<b>CO1</b>	To know about Environment and Ecosystem & Biodiversity
<b>CO2</b>	To clearly comprehend air, water, Soil, Marine, Noise, Thermal and Nuclear Pollutions and Solid Waste management and identify the importance of natural resources.
<b>CO3</b>	To know about the natural resources and environmental problems associated with climate change, global warming, acid rain, ozone layer depletion etc., and explain possible solution.

### Mapping of Course Outcome with Program Outcome (POs)

Cos/POs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13
CO1	2	1	1	1	2	1		2	2				2
CO2	2	1	1	1	2	1		2	2				2
CO3	2	1	1	1	2	1		2	2				2
CO4													
CO5													

COs/PSOs	PSO1	PSO2	PSO3	PSO4
CO1	2	2		1
CO2	2	2		1
CO3	2	2		1
CO4	2	2		1
CO5	2	2		1

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
			✓						

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBCC22001	ENVIRONMENTAL STUDIES	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

### **UNIT I ENVIRONMENT AND ECOSYSTEMS**

**9 Hrs**

Definition, scope and importance of environment – need for public awareness – concept, structure and function of an ecosystem – producers, consumers and decomposers – energy flow in the ecosystem. Biodiversity at National and local levels – India

### **UNIT II ENVIRONMENTAL POLLUTION**

**9 Hrs**

Definition – causes, effects and control measures of: (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f) Nuclear hazards (g) E-Wastes and causes, effects and control measures

### **UNIT III NATURAL RESOURCES**

**9 Hrs**

Forest resources: Use and over-exploitation, deforestation. Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems.

### **UNIT IV SOCIAL ISSUES AND THE ENVIRONMENT**

**9 Hrs**

From unsustainable to sustainable development – urban problems related to energy – water conservation, rain water harvesting, watershed management – resettlement and rehabilitation of people; its problems and concerns climate change, global warming, acid rain, ozone layer depletion, nuclear accidents ,central and state pollution control boards- Public awareness.

### **UNIT V HUMAN POPULATION AND THE ENVIRONMENT**

**9 Hrs**

Population growth, variation among nations – population explosion, environment and human health – human rights – value education – HIV / AIDS – women and child welfare – role of information technology in environment and human health

**Total no of Hours : 45**

### **TEXT BOOKS:**

1. Gilbert M.Masters, 'Introduction to Environmental Engineering and Science', 2nd edition, Pearson Education (2004).
2. Benny Joseph, 'Environmental Science and Engineering', Tata McGrawHill,NewDelhi, (2006).

Subject Code:	Subject Name: <b>ENTREPRENURSHIP DEVELOPMENT</b>	Ty/L/ETP	L	T / S.Lr	P/R	C
HBCC22002	Prerequisite : Basic knowledge in entrepreneurship development	Ty	3	0/0	0/0	3

L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab

### OBJECTIVES

1. To enrich the students towards the knowledge of entrepreneurial skills and to make the students understand the approaches to attain the goals of the business.
2. To recognize the value of problem solving, effective business management and entrepreneurial thinking to business development.
3. To identify the key factors and be able to apply the key entrepreneurial process – command and control, calculated risk-taking and opportunity recognition to business development

### COURSE OUTCOMES (Cos)

Students completing this course Will be able to

CO1	Provide information related to entrepreneurship
CO2	Make students state the importance of entrepreneurial development
CO3	State the importance of business idea generations
CO4	Gain knowledge on various EDP organized by Government Sectors
CO5	Provide them the nature of economic development and entrepreneurial growth.

### Mapping of Course Outcome with Program Outcome (POs)

Sem	Coursecode:								
VI	Programme Outcomes(Pos)								
Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	3	2	3	3	3	3	2	3
CO2	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	2	3	3	3	2
CO4	2	3	2	3	3	3	3	2	3
CO5	3	3	3	3	2	3	2	3	3

Sem -VI	Programme Specific Outcomes(PSOs)			
Cos	PSO1	PSO2	PSO3	PSO4
CO1		3		
CO2		3		
CO3		3		
CO4		3		
CO5		3		

### 3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
			✓						

Subject Code:	Subject Name: <b>ENTREPRENURSHIP DEVELOPMENT</b>	Ty/L/ ETP	L	T / S.Lr	P/R	C
HBCC22002	Prerequisite : Basic knowledge in entrepreneurship development	Ty	3	0/0	0/0	3
L : Lecture, T : Tutorial,SLr : Supervised Learning, P: Project, R : Research, C : Credits, T/L/ETL :Theory / Lab / Embedded Theory and Lab						

### **UNIT I: Concept of Entrepreneurship**

**9 Periods**

Entrepreneurship - Meaning - Types - Qualities of an Entrepreneur - Classification of Entrepreneurs - Factors influencing Entrepreneurship - Functions of Entrepreneurs.

### **UNIT II: Entrepreneurial Development Agencies.**

**9 Periods**

Commercial Banks - District Industries Centre - National Small Industries Corporation

Small Industries Development Organisation - Small Industries Service Institute.All India Financial Institutions.SIPCOT and its objectives.MSME Sector and its coverage Objectives of Ministry of MSME.Role and Functions of MICRO Small and Medium Enterprises - Development Organisation (MSME - DO) - Objectives of SIDCO - Functions of Tamil Nadu SIDCO - IRBI and its Role. NABARD and its role in the Rural Development of India - Introduction to Micro Units Development Refinance Agency (MUDRA)

### **UNIT III: Project Management**

**9 Periods**

Business idea generation techniques - Identification of Business opportunities – Feasibility study - Marketing, Finance, Technology & Legal Formalities - Preparation of Project Report- Tools of Appraisal.

### **UNIT IV - Entrepreneurial Development Programmes**

**9 Periods**

Entrepreneurial Development Programmes (EDP) - Role, relevance and achievements – Role of Government in organizing EDPs- Critical evaluation

**UNIT V - Economic Development and Entrepreneurial growth      9 Periods**

Role of Entrepreneur in Economic growth - Strategic approaches in the changing Economic scenario for small scale Entrepreneurs - Networking, Niche play, Geographic Concentration, Franchising / Dealership - Development of Women Entrepreneurship. Self-help groups and empowerment of Women in India - Financing SHG and their role in Micro-financing. Financial inclusion and its penetration in India, Challenges and Government role in Financial inclusion– Pradhan Mantri Jan-DhanYojana - Six Pillars of Its Mission objectives

<b>TOTAL HOURS</b>	<b>45</b>
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**Books for Study      :**

1. Saravanavel, P. Entrepreneurial Development, Principles, Policies and Programmes, EssPee Kay Publishing House - 1997, Chennai.
2. Tulsian, P.C & Vishal Pandey, Business Organization and Management, Pearson Education India, 2002, Delhi.

**Books for Reference :**

1. Janakiram, B, and Rizwana, M, Entrepreneurship Development, Text and Cases, ExcelBooks India, 2011, Delhi.
2. Arun Mittal & Gupta, S.L - Entrepreneurship Development, International Book House Pvt. Ltd, 2011, Mumbai.
3. Anil Kumar, S, Poornima, S, Abraham, K, Jayashree, K - Entrepreneurship Development, Newage International (P) Ltd, 2012, Delhi
4. Gupta C B and Srinivasan NP, Entrepreneurial Development, Sul

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22L01	RESERACH PROJECT IN ECONOMICS	Lb	0	0/0	18/0	9
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

- ✓ Research to be conducted on a topic related to the field of Economics or any activities associated with Economics.
- ✓ Only Individual Project is accepted.
- ✓ Project report to be submitted with Presentation followed by Viva Voce.

<b>Subject Code :</b> HBCC22ET1	<b>Subject Name UNIVERSAL HUMAN VALUES</b>				<b>Ty/Lb/ETP</b>	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>
	<b>Prerequisite : None</b>				<b>ETP</b>	<b>2</b>	<b>0/0</b>	<b>2/0</b>	<b>3</b>
L : Lecture T : Tutorial SLr : Supervised Learning P : Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
OBJECTIVES :									
<ul style="list-style-type: none"> <li>➤ Describe meaning, purpose, and relevance of universal human values.</li> <li>➤ Understand the importance of values in individual, social, career, and national life.</li> <li>➤ Learn from lives of great and successful people who followed and practiced human values and achieved self-actualization.</li> <li>➤ Understand and practice professional ethics with the goal for the universal wellness</li> </ul>									
COURSE OUTCOMES (Cos) :									
Students completing the course were able to									
CO1	Become conscious practitioners of values								
CO2	Realize their potential as human beings and conduct themselves properly in the ways of the world.								
CO3	Develop integral life skills with values								
CO4	Inculcate and practice them consciously to be good human beings.								
CO5	Practice professional ethics with the goal for the universal wellness								
Mapping of Course Outcomes with Program Outcomes (POs)									
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>
CO1	1	1	1	1	1	3	1	3	1
CO2	1	1	1	1	1	3	1	3	1
CO3	1	1	1	1	1	3	1	3	1
CO4	1	1	1	1	1	3	1	3	1
CO5	1	1	1	1	1	3	1	3	1
<b>COs/PSOs</b>	<b>PSO1</b>		<b>PSO2</b>		<b>PSO3</b>		<b>PSO4</b>		
CO1	1		1		1		1		
CO2	1		1		1		1		
CO3	1		1		1		1		
CO4	1		1		1		1		
CO5	1		1		1		1		
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
							✓		

<b>Subject Code :</b>	<b>Subject Name UNIVERSAL HUMAN VALUES</b>	<b>Ty/Lb/ETP</b>	<b>L</b>	<b>T/SLr</b>	<b>P/R</b>	<b>C</b>
HBCC22ET1	<b>Prerequisite : None</b>	<b>ETP</b>	<b>2</b>	<b>0/0</b>	<b>2/0</b>	<b>3</b>

UNIT 1 Love and Compassion:

9 HOURS

Love and its forms: love for self, parents, family, friend, spouse, community, nation, humanity, nature and other beings—living and non-living. Love and compassion and inter-relatedness, Individuals who are remembered in history for love and compassion and what will learners gain if they practice love and compassion

Related activities: Sharing learner's individual and/or group experience(s), community outreach program to manifest love and compassion toward people and nature, Simulated Situations, Case studies

UNIT 2:

9 HOURS

Truth and Righteousness: Universal truth, truth as value (artha), truth as fact (satya), veracity, sincerity, honesty among others. Understanding righteousness, Righteousness and dharma, righteousness and propriety, Individuals who are remembered in history for practicing truth and righteousness and what will learners gain if they practice Truth and Righteousness

Sharing learner's individual and/or group experience(s), exercises on ease with truth can be recalled consistently, Simulated Situations, Case studies

UNIT 3:

9 HOURS

Non-Violence and Peace; pre-requisites for non-violence- Love, compassion, empathy, and sympathy, Ahimsa as non-violence and non-killing, the impact of practicing non-violence-Peace, harmony and balance, Individuals and organizations that are known for their commitment to non-violence and peace, and what will learners gain if they practice non-violence and work towards peace

Sharing learner's individual and/or group experience(s), Simulated Situations, Case studies

UNIT 4:

9 HOURS

Renunciation (Sacrifice) Tyaga: Renunciation and sacrifice, developing a balance between enjoyment and sacrifice, Bhoga(enjoyment) with tyagabhava and tyaga (Sacrifice) with bhogabhava is the root of all human and literary values, enjoying life and freedom with responsibility and What will learners learn/gain if they practice renunciation and sacrifice

Social outreach programs for sharing and caring experience, expressing gratitude, Sharing learner's individual and/or group experience(s), Simulated Situations , Case studies



UNIT 5:

9 HOURS

**Professional Ethics:** Understanding Acceptance of human values and Ethical Human Conduct, Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order, Developing Competence in professional ethics and practicing it, to utilize the professional competence for augmenting universal human order and create people friendly eco-friendly identify the scope and characteristics of people friendly and eco-friendly systems for the wellness of the universe as a whole.

Exercises to propagate people friendly eco-friendly activities both creative and functional, Brain storming, Sharing learner's individual and/or group experience(s), Simulated Situations , Case studies

**TOTAL HOURS: 45**

**REFERENCES AND SUGGESTED READINGS:**

- Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, Excel Books, New Delhi, 2010
- The Story of My Experiments with Truth - by Mohandas Karamchand Gandhi
- Basham, A.L. 1954. The Wonder That Was India. London: Picador Press.
- Basu, D.D. 2015. Workbook on the Constitution of India, Paperback Edition. Nagpur: Lexisnexis.
- Ghosh, Sri Aurobindo. 1998. The Foundations of Indian Culture. Pondicherry: Sri Aurobindo Ashram.
- Joshi, Kireet. 1997. Education for Character Development. Delhi: Dharam Hinduja Centre of Indic Studies.
- Milton, Rokeach. 1973. The Nature of Human Values. New York: The Free Press.
- Mookerji, Radha K. 1989. Ancient Indian Education. Delhi: Motilal Banarasidass
- Saraswati, Swami Satyananda .2008. Asana Pranayama Mudra Bandha. Munger, India: Bihar School of Yoga.

# **SEMESTER – VII**

<b>Subject Code : HBCC22003</b>	<b>Subject Name : Research Methodology</b>				<b>Ty/Lb/ ETP</b>	<b>L</b>	<b>T/ SLr</b>	<b>P/ R</b>	<b>C</b>			
	<b>Prerequisite : None</b>				<b>Ty</b>	<b>3</b>	<b>0/0</b>	<b>0/0</b>	<b>3</b>			
<b>L : Lecture T : Tutorial SLr : Supervised Learning P : Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab</b>												
<b>OBJECTIVES :</b>												
<ul style="list-style-type: none"> <li>• Design and formulation of research problem.</li> <li>• Analyze research related information and statistical methods in research.</li> <li>• Carry out research problem individually in a perfect scientific method</li> <li>• Understand the filing patent applications processes, Patent search, and various tools of IPR, Copyright, and Trademarks.</li> </ul>												
<b>COURSE OUTCOMES (Cos) : (3 – 5)</b>												
Students completing the course were able to												
<b>CO1</b>	Design and Formulation of research problem.											
<b>CO2</b>	Analyze research related information and statistical methods in research.											
<b>CO3</b>	Carry out research problem individually in a perfect scientific method											
<b>CO4</b>	Understand Patent Filing application Process.											
<b>CO5</b>	Patent Search and various tools used.											
<b>Mapping of Course Outcomes with Program Outcomes (POs)</b>												
<b>COs/ POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P O 10</b>	<b>PO11</b>	<b>PO12</b>
<b>CO1</b>	3	3	3	3	2	2	3	3	3	3	3	3
<b>CO2</b>	3	2	1	3	3	1	1	1	1	1	1	3
<b>CO3</b>	3	3	2	1	2	2	3	3	3	3	3	1
<b>CO4</b>	3	3	2	2	1	2	2	2	2	3	2	2
<b>CO5</b>	3	3	3	3	3	2	3	3	3	2	3	3
<b>COs/ PSOs</b>	<b>PSO1</b>		<b>PSO2</b>			<b>PSO3</b>			<b>PSO4</b>			
<b>CO1</b>	2								3			
<b>CO2</b>	2					3			3			
<b>CO3</b>	2								3			
<b>CO4</b>	2								3			
<b>CO5</b>	2								3			
<b>Category</b>	<b>Program Core</b>	<b>Program Elective</b>	<b>Humanities &amp; social Science</b>	<b>Open Elective</b>	<b>Skill enhancing elective</b>	<b>Inter Disciplinary/ Allied</b>	<b>Skill Component</b>	<b>Practical /Project/ internship</b>	<b>Others</b>			
			✓									

<b>Subject Code : HBCC22003</b>	<b>Subject Name : Research Methodology</b>	<b>Ty/Lb/ ETL</b>	<b>L</b>	<b>T/ SLr</b>	<b>P/R</b>	<b>C</b>
	<b>Prerequisite : None</b>	<b>Ty</b>	<b>3</b>	<b>0/0</b>	<b>0/0</b>	<b>3</b>
<b>L : Lecture T : Tutorial SLr : Supervised Learning P : Project R : Research C: Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab</b>						

**Course objective:**

- Learn the meaning of interpretation, techniques of interpretation, precautions is to be taken in interpretation for research process,
- Application of statistical methods in research.
- Learn intellectual property rights and its constituents.

**Unit 1**

**9 HOURS**

Introduction to research, Definitions and characteristics of research, Types of Research, Research Process, Problem definition, Objectives of Research, Research Questions, Research design, Quantitative vs. Qualitative Approach, Building and Validating Theoretical Models, Exploratory vs. Confirmatory Research, Experimental vs. Theoretical Research, Importance of reasoning in research.

**Unit 2**

**9 HOURS**

Problem Formulation, Understanding Modeling & Simulation, Literature Review, Referencing, Information Sources, Information Retrieval, Indexing and abstracting services, Citation indexes, Development of Hypothesis, Measurement Systems Analysis, Error Propagation, Validity of experiments, Statistical Design of Experiments, Data/Variable Types & Classification, Data collection, Numerical and Graphical Data Analysis: Sampling, Observation, Interpretation of Results.

**Unit 3 (This Unit has to be handled by Mathematics Faculty )**

**9 HOURS**

Statistics: Probability & Sampling distribution, Estimation, Measures of central Tendency, Arithmetic mean, Median, Mode, Standard deviation, Co efficient of variation (Discrete series and continuous series), Hypothesis testing & application, Correlation & regression analysis, Orthogonal array, ANOVA, Standard error, Concept of point and interval estimation, Level of significance, Degree of freedom, Analysis of variance, One way and two way classified data, 'F' test.

**Unit 4**

**9 HOURS**

Preparation of Dissertation and Research Papers, Tables and illustrations, Guidelines for writing the abstract, introduction, methodology, results and discussion, conclusion sections of a manuscript. References, Citation and listing system of documents.

**Unit 5**

**9 HOURS**

Intellectual property rights (IPR) patents copyrights Trademarks Industrial design geographical indication. Ethics of Research Scientific Misconduct Forms of Scientific Misconduct. Plagiarism, Unscientific practices in thesis work, Ethics in science.

**TOTAL HOURS: 45**

**Text Book:**

1. K. S. Bordens, and B. B. Abbott, , "Research Design and Methods – A Process Approach", 8th Edition, McGraw Hill, 2011.
2. C. R. Kothari, "Research Methodology – Methods and Techniques", 2nd Edition, New Age International Publishers

Subject Code	Subject Name :				Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22012	LABOUR ECONOMICS				Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
To enable the students have an insight about the labour market. To help the students understand the different policies of labour market and wages.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To impart understanding on the concepts of labour economics.								
<b>CO2</b>	To impart understanding on Analysing Labour markets, its features and the concept of organised and unorganised labour.								
<b>CO3</b>	To impart understanding on Discuss the concept of wages, wage differentials, wage policy -objectives and importance.								
<b>CO4</b>	To impart understanding on Understanding Labour productivity causes for low productivity and measures to increase labour productivity								
<b>CO5</b>	To impart understanding on Discuss the role of state, labour welfare measures and labour policy								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3			3		1	2
CO2	3	3	3	2		3		2	2
CO3	3	3	3	1		3		2	2
CO4	3	3	3	2		3		2	2
CO5	3	3	3	2		3		2	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		1		1		1		
CO2	3		3		2		3		
CO3	3		3		1		3		
CO4	3		3		2		3		
CO5	3		3		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22012	LABOUR ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I -Introduction to Labour Economics**

**12 HOURS**

Introduction - Labour Economics – Concept and definition – Nature, Scope and Importance – Labour as a unique factor of production.

### **Unit II - Labour Market**

**12 HOURS**

Labour Market - Concept of labour Market and its features – nature and characteristics of labour markets in developing countries like India - Determinants of the supply and the demand for labour – Participation of Female Labour (Rural and Urban) – Participation of Child Labour Organized and unorganized labour.

### **Unit III - Wage Policy**

**12 HOURS**

Wages - Wage Concept and Definitions – Wage and development – Collective bargaining – Wage differentials – Wage Policy - Objectives and importance

### **Unit IV - Labour Productivity**

**12 HOURS**

Labour Productivity, - Concept of Labour Productivity – Measurement and Importance of Labour productivity – Determinants – Causes for Low Labour Productivity and Measures to Increase Labour Productivity – Technology and Labour Productivity

### **Unit V - State and Labour**

**12 HOURS**

State and labour – Need for State intervention in Labour matters – methods of intervention – Labour Social Security and Labour Welfare Measures – Labour Policy, Objectives and Importance.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. P.K. Gupta, 2019, Labour Economics, Vrinda Publication, New Delhi.
2. Bhagoliwal T.N (2000), Economics of Labour and Industrial relations. SahityaBhavan, Agra.
3. McConnel C.R. and S.L. Brue (2002), Contemporary Labour Economics, McGraw Hill, New York.
4. Mittal and Sanjay Prakash Sharma (2000), labour Economics, RSBA Jaipur
5. Labour Economics – A K Sharma Anmol Publications Pvt Ltd.

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22013	BASIC ECONOMETRICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course enable the students to understand the basic concepts of Econometrics and the role of economic variables in Econometrics. To help them assess the role of economic variables in Econometrics									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding the basic concepts of Econometrics								
<b>CO2</b>	To analyse the basic ideas of Simple linear regression Model								
<b>CO3</b>	To impart understanding basic ideas of multiple regression Model with three variables								
<b>CO4</b>	To impart understanding the concepts of Multi-collinearity & Heteroscedasticity								
<b>CO5</b>	To impart understanding the concept Auto correlation								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	2	3		3			1
CO2	3	2	2	3		3			1
CO3	3	2	2	3		3			1
CO4	3	2	2	3		3			1
CO5	3	2	2	3		3			1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		1		3		3		
CO2	3		1		3		3		
CO3	3		1		3		3		
CO4	3		1		3		3		
CO5	3		1		3		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22013	BASIC ECONOMETRICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit-I Econometric principles**

**12 HOURS**

Introduction- definition and goals of econometrics- relationship between econometrics, mathematical economics and statistics- methodology of econometrics-limitations.

### **Unit-II Simple linear regression Model**

**12 HOURS**

Simple linear regression Model- reasons for inclusion of random variable, stochastic and non stochastic relations- assumptions of OLS- estimation of the parameters- BLUE properties- estimation of the elasticity from an estimated regression line-test of goodness of fit-test of significance of parameters-confidence intervals- reporting the results

### **Unit-III Multiple regression model**

**12 HOURS**

Multiple regression model- Multiple regression models with two explanatory variables- assumptions- derivations of formula for estimators- standard error-  $R^2$  and adjusted  $R^2$ .

### **Unit- IV Multi-collinearity & Heteroscedasticity**

**12 HOURS**

Multi-collinearity -Meaning- consequences- test for detecting Multi- collinearity - methods of removal. Heteroscedasticity- meaning- causes- consequences- detection- methods of removal.

### **Unit-V Auto correlation**

**12 HOURS**

Meaning-causes- consequences- detection- graphic method Durbin Watson test- methods of removal.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Damodar N. Gujarathi, Basic Econometrics, McGraw Hill, 2003
2. G.H.K Madnani, Introduction to Econometrics principles and applications, Oxford & IBM Publishing Co. Pvt,Ltd. New Delhi 2017
3. Dominick Salvatore and Derrick Reagle, Statistics and Econometrics, Tata McGraw Hill (Schaum's Series) 2014.



Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22014	TAMILNADU ECONOMY		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course enables the students to understand the features and the development of agricultural and industrial development. To understand the recent development and policies in Tamilnadu.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To impart understanding the features and Economic indicators of development								
<b>CO2</b>	To impart understanding the agricultural development and government reforms for development in Tamilnadu.								
<b>CO3</b>	To impart understanding the industrial development in Tamilnadu								
<b>CO4</b>	To impart understanding various Infrastructural facilities development in Tamilnadu.								
<b>CO5</b>	To impart understanding recent Policies and reforms for development in Tamilnadu								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3			3		2	1
CO2	3	3	3	2		3			1
CO3	3	3	3	1		3		1	1
CO4	3	3	3	1		3		1	1
CO5	3	3	3	2		3		2	1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		2		2		2		
CO2	3		2		2		3		
CO3	3		2		2		3		
CO4	3		2		2		3		
CO5	3		2		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
	✓								

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22014	TAMILNADU ECONOMY	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction to Tamilnadu Economy**

**12 HOURS**

Tamilnadu economy -Salient features - resource endowment index – Demographic study – distribution of occupational structure in Tamilnadu – economic indicators of development in Tamilnadu - Recent trends in SDP - Per capita SDP - Composition of SDP - Sectoral Contribution - Inter-State Comparison – GSDP in the National Economy.

### **Unit II - Agricultural development in Tamilnadu**

**12 HOURS**

Agriculture – Land use – Cropping pattern –Irrigation – Green Revolution, Blue and White Revolution – Agricultural Marketing – Defects, remedial measures – Animal husbandry and fisheries – Agricultural Finance – Government reforms for development – Self Help Groups and Microfinance – PDS - FCI – NABARD.

### **Unit III - Industrial development in Tamilnadu**

**12 HOURS**

Major Industries – Automobile, leather, cotton, sugar, cement, software – MSME, Cottage industries – Ancillary industries – Handloom industries – Tamil Nadu Government’s role in industrial development – Industrial Financial Institutions – TIIC, SIDCO, SIPCOT, TANSI, TIDCO -Export Processing Zone, Special Economic Zone.

### **Unit IV - Infrastructural development in Tamilnadu**

**12 HOURS**

Infrastructure – Transport facilities - roads, railways, airways role in development – Rural and Urban – recent goals for development - Education; Health - Power - Trends in demand and supply - Rural electrification.

### **Unit V - Policies and reforms for development in Tamilnadu**

**12 HOURS**

Revenue and Expenditure of the State – Tamilnadu’s Recent Budget – Poverty Alleviation Programmes in Tamil Nadu – Healthcare and other Government Schemes – Employment generation programmes – Women Development Programmes.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. A.G. Leonard, S.J. (2006): “Tamil Nadu Economy- Trends and Prospects”, (ed.), University of Madras, Chennai-5.
2. Madras Institute of Development Studies, “Tamil Nadu Economy- Performance and Issues”, Oxford and IBH Publishing Company Pvt. Ltd., New Delhi, 1998.
3. Perumalsamy. S, Tamil Nadu Economy’s Performance and Issues 2015.
4. Veeramani A.R., Tamil Nadu Agricultural Economy 2015.

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22L02	MINI PROJECT	Lb	0	0/0	4/0	2
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

- ✓ Students will have an opportunity to expose their knowledge and talent to make an innovative project. Students are supposed to do innovative projects useful to industries/society in the area of relevant field, inter and multi-disciplinary areas, under the guidance of a staff member. They have to prepare a project report and submit to the department.
- ✓ At the end of the semester Viva-Voce examination will be conducted by the internal Examiner duly appointed by the Head of the department and the students will be evaluated.

Subject Code	Subject Name :	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
HBEM22I03	INDUSTRY INTERNSHIP	IE	0	0/0	2/0	1
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab IE: Internal Evaluation						

- ✓ Students are supposed to undergo internship in related Industries for a minimum period of 15days cumulatively during the semester. They have to prepare a report on the Internship with a certificate in proof from competent authority in the industry. At the end of the semester Viva-Voce examination will be conducted by the Examiners duly appointed by the Head of the department and the students will be evaluated.

# **SEMESTER – VIII**

<b>Subject Code:</b> <b>HBCC22004</b>	<b>Subject Name: START UP STRATAGIES</b>					Ty/ Lb/ ETP	L	T/SLr	P/R	C		
	Prerequisite: Nil					Ty	3	0/0	0/0	3		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits										T/L/ETL :		
Theory / Lab / Embedded Theory and Lab												
<b>OBJECTIVE:</b> To understand new venture creation opportunities, its resources and requirements for Enterprise Start-up.												
<b>COURSEOUTCOMES(COs):The students will be able to</b>												
<b>CO1</b>	Develop a start-up Enterprise with Big Idea Generation.											
<b>CO2</b>	Analyze start-up capital requirement by analyzing legal factors.											
<b>CO3</b>	Interpret feasibility Analysis towards funding issues.											
<b>CO4</b>	Access growth stages in new venture and reasons for scaling ventures.											
<b>CO5</b>	Evaluate financial stability and decide on expansion possibilities.											
<b>Mapping of Course Outcomes with Program Outcomes(POs)</b>												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>
<b>CO1</b>	2	3	3	2	2	3	3	3	3			
<b>CO2</b>	2	2	3	2	2	3	3	2	2			
<b>CO3</b>	1	2	3	2	1	3	3	3	2			
<b>CO4</b>	1	2	3	2	1	3	3	2	2			
<b>CO5</b>	1	2	3	2	2	3	3	2	2			
<b>COs/PSOs</b>	<b>PSO1</b>			<b>PSO2</b>			<b>PSO3</b>			<b>PSO4</b>		
<b>CO1</b>	1			1			3			2		
<b>CO2</b>	1			1			3			2		
<b>CO3</b>	1			1			3			2		
<b>CO4</b>	1			1			3			2		
<b>CO5</b>	1			1			3			2		
<b>1/2/3indicatesStrength ofCorrelation1-High,2-Medium,3-Low</b>												
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others			
			✓									

<b>Subject Code:</b> HBCC22004	<b>Subject Name: START UP STRATAGIES</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
	Prerequisite: Nil	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

**Unit I: Start-up opportunities:**

**9 Hours**

The New Industrial Revolution - The Big Idea -Generate Ideas with Brainstorming- Business Start-up - Ideation- Venture Choices - The Rise of the startup Economy- The Six Forces of Change - The Start-up Equation- The Entrepreneurial Ecosystem- Entrepreneurship in India. Government Initiatives.

**Unit II: Startup Capital Requirements and Legal Environment:**

**9 Hours**

Identifying Startup capital Resources requirements- Estimating startup cash requirements- Develop financial assumptions- Constructing a Process Map- Positioning the venture in the value chain- Launch strategy to reduce risks- Startup financing metrics- The Legal Environment- Approval for New Ventures- Taxes or duties payable for new ventures.

**Unit III: Startup Financial Issues: Feasibility Analysis-**

**9 Hours**

The cost and process of raising capital- Unique funding issues of a high- tech ventures – Funding with Equity- Financing with Debt- Funding Startup with bootstrapping- crowd funding- strategic alliances.

**Unit IV: Startup survival and Growth:**

**9 Hours**

Stages of growth in a new venture- Growing with the market- Growth within the industry- Venture life patterns- Reasons for new venture failures- preparing for change- Leadership succession. Support for the growth and sustainability of the venture.

**Unit V: Planning for Harvest and Exit:**

**9 Hours**

Dealing with Failure: Bankruptcy, Exit Strategies- Selling the Business- Cashing out but staying in being- Going Public (IPO)- Liquidation.

**TOTAL HOURS: 45**

**Reference Books:**

1. Kathleen R Allen, Launching New Ventures, An Entrepreneurial Approach, Cengage Learning 2016.
2. Anjan Raichaudhuri, Managing New Venture Concepts and Cases, Prentice Hall International 2010.
3. S. R. Bhowmika& M. Bhowmik, Entrepreneurship, New Age International, 2007.
4. Steven Fisher, Ja-nae Duane, The Startup Equation- A Visual Guidebook for Building your Startup, Indian Edition, Mc Graw Hill Education India Pvt. Ltd, 2016.
5. Donald F Kuratko, Jeffrey S. Hornsby, New Venture Management: The Entrepreneur's Road Map, 2e, Routledge,2017.
6. Vijay Sathe, Corporate Entrepreneurship, 1e, Cambridge, 2009

<b>Subject Code:</b> HBCC22005	<b>Subject Name: DIGITAL MARKETING</b>						Ty/ Lb/ ETP	L	T/SLr	P/R	C	
	Prerequisite: Nil						Ty	3	0/0	0/0	3	
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab												
<b>OBJECTIVE:</b>												
<ul style="list-style-type: none"> <li>This course helps the students to understand the fundamental principles of Digital marketing, the past, present and future potential of Digital marketing.</li> <li>At the end of the course students will be able to identify the role of e-marketing in the present context and develop an e-marketing plan with appropriate e-marketing strategies.</li> </ul>												
<b>COURSEOUTCOMES(COs):The students will be able to</b>												
<b>CO1</b>	Understand the concepts and uses of Digital Marketing											
<b>CO2</b>	Develop Strategic Planning for the Market											
<b>CO3</b>	Evaluate the Ethical and Legal Values											
<b>CO4</b>	Predict the Marketing Trends											
<b>Mapping of Course Outcomes with Program Outcomes(POs)</b>												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>
<b>CO1</b>	3	2	2	1	1	1	3	1	1			
<b>CO2</b>	3	2	1	2	2	2	3	2	1			
<b>CO3</b>	2	2	2	1	2	2	3	3	2			
<b>CO4</b>	2	2	2	3	3	2	3	1	2			
<b>COs/PSOs</b>	<b>PSO1</b>			<b>PSO2</b>			<b>PSO3</b>			<b>PSO4</b>		
<b>CO1</b>	1			2			2			2		
<b>CO2</b>	1			2			2			2		
<b>CO3</b>	1			2			2			2		
<b>CO4</b>	1			2			2			2		
<b>1/2/3indicatesStrength ofCorrelation1-High,2-Medium,3-Low</b>												
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others			
			✓									



<b>Subject Code:</b> HBCC22005	<b>Subject Name: DIGITAL MARKETING</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
	Prerequisite: Nil	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						

### **UNIT I: INTRODUCTION**

**9 Hours**

Digital-Marketing Past, Present & Future – Digital-Marketing Landscape, Digital-marketing’s Past - Web 1.0, Digital Marketing Present - Web 2.0, Future -Web 3.0, Strategic Digital-Marketing, and Digital - Business Models – Online Revenue Models, Value Models, and Strategic Digital-Business Models.

### **UNIT II: DIGITAL MARKETING PLAN**

**9 Hours**

Process, Creating a Digital-Marketing Plan, Seven Steps –Situation Analysis, Strategic Planning, Objectives, Digital-Marketing Strategies – Product, Price, Distribution, Communication, Relationship Management; Implementation plan, Budget, Evaluation.

### **UNIT III: DIGITAL -MARKETING ENVIRON MENT**

**9 Hours**

Overview of Digital-Marketing Environment, Global Digital -Markets, Wireless Internet Access, Digital divide, Building inclusive Digital markets, social networking, Ethical and Legal Issues – Overview, Digital Property, Emerging issues.

### **UNIT IV: DIGITAL-MARKETING MANAGEMENT**

**9 Hours**

Online offer – Creating customer value online, Product Benefits, Digital Marketing enhanced product development, Payment options, Pricing Strategies; Internet as distribution, Digital Marketing Communication – Owned Media, Paid media, Earned Media.

### **UNIT V: EMERGING TRENDS**

**9 Hours**

Emerging trends in Digital-marketing, Content Marketing, Social Media Marketing, Email Marketing, Affiliate Marketing, Video Marketing, Mobile Marketing, Interactive advertising, International Online Marketing, Search Engine Marketing, Online Partnership, Viral Marketing, E-CRM, E-Business, E-Tailing.

**Total Hours: 45**

### **TEXT BOOK:**

1. Strauss Judy, Frost Raymond (2013), E-Marketing, 7/e; New Delhi: Prentice Hall.

### **REFERENCE BOOKS:**

1. Chaffey Dave and Smith PR (2013), Emarketing Excellence: Planning and Optimizing your Digital Marketing; 4/e; Routledge.
2. Ryan Damian, (2014), Understanding Digital Marketing: Marketing Strategies for Engaging the Digital Generation, 3/e; Kogan Page Limited.

<b>Subject Code:</b> <b>HBCC22006</b>	<b>Subject Name: INTELLECTUAL PROPERTY RIGHTS AND PATENT.</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
	Prerequisite: Nil	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						

<b>OBJECTIVE: .</b>													
To introduce fundamental aspects of Intellectual property Rights to students who are going to play a major role in development and management of innovative projects in industries.													
To develop expertise in the learners in IPR related issues and sensitize the learners with the emerging issues in IPR and the rationale for the protection of IPR.													
<b>COURSEOUTCOMES(COs):The students will be able to</b>													
<b>CO1</b>	Imbibe the knowledge of Intellectual Property and its protection through various laws.												
<b>CO2</b>	apply the knowledge of IPR for professional development												
<b>CO3</b>	develop a platform for protection and compliance of Intellectual Property Rights & knowledge												
<b>CO4</b>	create awareness amidst academia and industry of IPR and Copyright compliance												
<b>CO5</b>	deliver the purpose and function of IPR and patenting												
<b>Mapping of Course Outcomes with Program Outcomes(POs)</b>													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	
<b>CO1</b>	3	3	2	2	2	3	3	2	2				
<b>CO2</b>	3	3	1	2	3	2	2	2	3				
<b>CO3</b>	3	3	2	2	3	3	2	3	2				
<b>CO4</b>	3	3	2	3	2	2	2	1	2				
<b>CO5</b>	3	2	1	2	2	2	3	2	2				
<b>COs/PSOs</b>	<b>PSO1</b>			<b>PSO2</b>				<b>PSO3</b>			<b>PSO4</b>		
<b>CO1</b>	1										2		
<b>CO2</b>	1										2		
<b>CO3</b>	1										2		
<b>CO4</b>	1										2		
<b>CO5</b>	1										2		
<b>1/2/3indicatesStrength ofCorrelation1-High,2-Medium,3-Low</b>													
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/Allied	Skill Component	Practical /Project/ internship	Others				
			✓										
Approval													

<b>Subject Code:</b> <b>HBCC22006</b>	<b>Subject Name: INTELLECTUAL PROPERTY RIGHTS AND PATENT.</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
	Prerequisite: Nil	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits Theory / Lab / Embedded Theory and Lab						T/L/ETL :

**UNIT – I:**

**9 Hours**

Introduction to IPRs, Basic concepts and need for Intellectual Property – Meaning and practical aspects of Patents, Copyrights, Geographical Indications, IPR in India and Abroad. Nature of Intellectual Property, Industrial Property, technological Research, Inventions and Innovations – Important examples of IPR.

**UNIT – II:**

**9 Hours**

Intellectual Property Rights. The IPR tool kit, Patents, the patenting process, Patent cooperation treaties: International Treaties and conventions on IPRs: Trade Related Aspects of Intellectual Property Rights Agreement, Patent Cooperation Treaty, Patent Act of India, Patent Amendment Act, Design Act, Trademark Act, Geographical Indication Act.

**UNIT – III:**

**9 Hours**

Intellectual Property Protections IPR of Living Species, protecting inventions in biotechnology, protections of traditional knowledge, biopiracy and documenting traditional knowledge, Digital Innovations and Developments as Knowledge Assets – IP Laws, Cyber Law and Digital Content Protection. Case studies: The basmati rice issue, revocations of turmeric patent, revocation of neem patent.

**UNIT – IV:**

**9 Hours**

Exercising and Enforcing of Intellectual Property Rights Rights of an IPR owner, licensing agreements, criteria for patent infringement. Case studies of patent infringement, IPR – contract, unfair competitions and control, provisions in TRIPS,

**UNIT- V:**

**9 Hours**

Role of Patents in Product Development & Commercialization Recent changes in IPR laws impacting patents and copy rights, intellectual cooperation in the science and allied industry. Patentable and non-patentable research. Case studies .

**TOTAL HOURS: 45**

**Text book:**

1. Nithyananda, K.V. (2019). Intellectual Property Rights : Protection and Management. India, IN: Cengage Learning India Private Limited.
2. Neeraj, P., & Khusdeep, D. (2014). Intellectual Property Rights. India, IN: PHI learning Private Limited.

**References:**

- 1.P.B. Ganguli, Intellectual Property Rights: Unleashing the Knowledge Economy. Tata Mc Graw Hill, 2001. Steve Smith, The Quality Revolution.1st ed., Jaico Publishing House, 2002.
2. Kompal Bansal and Praishit Bansal. Fundamentals of IPR for Engineers, 1st Edition, BS Publications, 2012.
- 3.Prabuddha Ganguli. Intellectual Property Rights. 1st Edition, TMH, 2012.
- 4.R Radha Krishnan & S Balasubramanian. Intellectual Property Rights. 1st Edition, Excel Books, 2012.
5. M Ashok Kumar & Mohd. Iqbal Ali. Intellectual Property Rights. 2nd Edition, Serial Publications, 2011. VinodV. Scople, Managing Intellectual Property. Prentice Hall of India PvtLtd, 2012.
- 6.Deborah E. Bouchoux. Intellectual Property: The Law of Trademarks, Copyrights, Patents and Trade Secrets. Cengage Learning, 3rd ed. Edition, 2012.
7. Prabuddha Ganguli. Intellectual Property Rights: Unleashing the Knowledge Economy. McGraw Hill Education, 2011. Edited by Derek Bosworth and Elizabeth Webster.The Management of Intellectual Property. Edward Elgar Publishing Ltd., 2013.
- 8.Wadhera (2004), Intellectual Property Rights, Universal Law Publishing Co.
- 9.Ramappa (2010), Intellectual Property Rights Law in India, Asia Law House

**E-resources:**

- 1.Subramanian, N., & Sundararaman, M. (2018). Intellectual Property Rights – An Overview. Retrieved from <http://www.bdu.ac.in/cells/ipr/docs/ipr-eng-ebook.pdf>
- 2.World Intellectual property Organisation. (2004). WIPO Intellectual property Handbook. Retrieved from [https://www.wipo.int/edocs/pubdocs/en/intproperty/489/wipo\\_pub\\_489.pdf](https://www.wipo.int/edocs/pubdocs/en/intproperty/489/wipo_pub_489.pdf)

**Reference Journal:**

- 1.Journal of Intellectual Property Rights (JIPR): NISCAIR

**Useful Websites:**

- 1.Cell for IPR Promotion and Management (<http://cipam.gov.in/>)
- 2.World Intellectual Property Organisation (<https://www.wipo.int/about-ip/en/>)
- 3.Office of the Controller General of Patents, Designs & Trademarks (<http://www.ipindia.nic.in/>)

<b>Subject Code:</b> <b>HBEM22L03</b>	<b>Subject Name: MAJOR PROJECT</b>	Ty/ Lb/ ETP	L	T/SLr	P/R	C
	Prerequisite: Nil	Lb	0	0/0	12/0	6
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						

To make the students to make use of the knowledge and skill developed during their four years of study and to apply them for making an innovative product/process for the development of society and industries.

Students are expected to do a Project work either in an Industry or at the University in the field of relevant field /inter-disciplinary /multi-disciplinary area . The work to be carried out in Phase II should be continuation of Phase I.

Each student will be allotted a guide based on the area of Project work. In case of industrial Project external guide has to be allotted from Industry. Inter disciplinary/multi-disciplinary project can be done with guidance of relevant department.

Monthly reviews will be conducted during the semester to monitor the progress of the project by the project review committee. Students have to submit the Project thesis at the end of the semester and appear for the Project Viva-Voce examination conducted by the examiners duly appointed by the Controller of Examination. In case of industrial project certificate in proof has to be included in the report along with the bonofide certificate.

<b>Subject Code:</b> <b>HBEM22I04</b>	<b>Subject Name: RESEARCH PUBLICATION</b>	Ty/ Lb/ ETP/IE	L	T/SLr	P/R	C
	Prerequisite: Nil	IE	0	0/0	4/0	2
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits						T/L/ETL :
Theory / Lab / Embedded Theory and Lab						IE: Internal Evaluation

Students are supposed to prepare and publish the article based on his/her area of research in peer reviewed referred journal. Code of research publication ethics should be followed. After publishing the article students should present a seminar in presence of department faculties and PG students. At the end of semester viva examination will be conducted by the examiners appointed by the Head of the department.

# **PROGRAMME ELECTIVE-I**

### PROGRAMME ELECTIVE-I

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C			
HBEM22E01	HEALTH ECONOMICS	Ty	3	0/0	0/0	3			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course helps the students to understand the importance of health sectors to economic development. The students will study the recent trends in Medical Tourism and have an insight of the Health Policy.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To gain an insight on the important factors that promote Health in the economy.								
<b>CO2</b>	To identify the prevailing health care system and its pricing of health care's.								
<b>CO3</b>	To identify the Health Expenditure and the details of Health Insurance.								
<b>CO4</b>	To impart understanding the health infrastructure and the allocation of budget for health.								
<b>CO5</b>	To gain knowledge about schemes and policy about the health and Medical Tourism								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3		3		3		1	2
CO2	3	3	2	3		3	1	1	2
CO3	3	3	2	3		3	1	1	3
CO4	3	3	2	3		3	1	1	3
CO5	3	3	2	3		3	1	1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		1		3		
CO3	3		3		3		3		
CO4	3		3		3		3		
CO5	3		3		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
		✓							



Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E01	HEALTH ECONOMICS	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction**

**9 HOURS**

Definition of Health Economics - Importance – Concepts – Health Care - Health Indicators - Birth Rate - Death Rate – IMR – CMR – MMR - Morbidity Rate (Acute and Chronic ) - Disability Adjusted Life Years (DALYs) - Quality Adjusted Life Year (QUALY) - Gender Ratio.

### **Unit II- Health System**

**9 HOURS**

Demand for Health Care – Case of Health Care Accessibility –Socio Economic and Cultural Factors, Determining Health Status – Supply of Health - Health Care Delivery system- Pricing Health Care.

### **Unit III: Health Expenditure**

**9 HOURS**

Health Expenditure –Public and Private – Direct and Indirect – Health Insurance – Concept of User Cost – Health Policy of WHO – NRHM– NFHS- Out of Pocket Expenditure- Health Insurance.

### **Unit IV- Health Infrastructure**

**9 HOURS**

Health Infrastructure – Rural – Urban – Government Programmes- Health Allocation in Budget.

### **UNIT V- Medical Tourism**

**9 HOURS**

Supply and Demand of Medical Tourism – Areas – Opportunities and Constraints - India and Medical Tourism.

**TOTAL HOURS: 45**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Banerjee, D. (2016), social and Cultural Foundations of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June.
2. Edwin G Dolan and John C Goodman: Economics of Public Policy: West Publishing Company, New York 2015.
3. Higher Education reform in India – 1993 – Suma Chitnis and Philip Altbach Sage – New Delhi.
4. Infrastructure Report: India Infrastructure – Oxford University Press (Revised Edition) 3. Nanjudappa – Economics of Transport, 2011.
5. M. Grossman, ‘The Shadow price of Health in the Economics of Health’ Vol. 1 by A.J. Culyes (ed) (1991), Edward Elger publishing Ltd, UK.
6. Volan Brian (1993) Economics Incentives, Health Status and Health services, Utilization, Journal of Health Economics, Vol II.

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22E02	RURAL ECONOMICS		Ty	3	0/0	0/0	3		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
To introduce the students to the management of the material resources of the country's supply and demand links with the other Indian industries. To make the students acquire knowledge of the economic growth development, and change ; size and spatial distribution of production and household units and interregional trade; land use; housing and non-housing as to supply and demand in rural areas of the world and specially in India.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	Impart understanding the nature rural economy and rural social institutions.								
<b>CO2</b>	Impart understanding the significance of Agricultural occupation and land reforms in rural economy.								
<b>CO3</b>	Impart understanding the problems of rural unemployment and rural poverty.								
<b>CO4</b>	Impart understanding the various rural development programmes								
<b>CO5</b>	To impart understanding the causes of rural indebtedness and various sources rural credit.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	1		2	1	1	1
CO2	3	3	3	1		2	1	1	1
CO3	3	3	3	1		2	1	1	1
CO4	3	3	3	1		2	1	1	1
CO5	3	3	3	1		2	1	1	1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		1		1		1		
CO2	3		1		1		3		
CO3	3		1		1		3		
CO4	3		1		1		3		
CO5	3		1		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
		✓							

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E02	RURAL ECONOMICS	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction to Rural Economics**

**9 HOURS**

Nature and scope of rural Economy, Characteristics of Rural Economy – Rural Social Institutions - family, Property, caste, Class and Religion.

### **Unit II - Agriculture**

**9 HOURS**

Importance of Agriculture in Economic Development of India -Nature of land Problems - Land Reforms. Agricultural Holdings, Fragmentation and Sub-division of Holdings, Green revolution

### **Unit III - Rural Unemployment and Poverty**

**9 HOURS**

Rural Labour Problems-nature of Rural Unemployment- Rural Employment Programmes and Wage Policy – Rural Poverty – Nature, Causes and Consequences – Poverty Alleviation Programmes.

### **Unit IV - Rural Development Programmes**

**9 HOURS**

Rural Development Programmes – Pradhan Mantri Gram SadakYojana – Rural Housing Programme – Pradhan MantriAwaasYojana – National Rural Livelihood Mission – MGNREGA- Recent Government Policy for Rural Development- Local Self Government and Community Development Programmes -SHGs- – Recent Schemesfor rural development.

### **Unit V - Rural Finance**

**9 HOURS**

Rural Finance - Causes and magnitude of rural indebtedness, Sources of rural credit: Unorganized: Money lenders, Indigenous Bankers, Organized: Co-operatives, Commercial Banks, and Regional Rural Banks – NABARD.

**TOTAL HOURS: 45**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Carver, The Principles of Rural Economics.
2. Desai, A., Rural Sociology in India.
3. Dube, S.C., India's changing villages.
4. Nanavati&Anjala, Rural problems in India.
5. RuddarDutt&K.P.M.Sundaram, Indian Economy.
6. Sachdeva, D.A.&VidyaBhushan, An Introduction to Sociology

# **PROGRAMME ELECTIVE-II**

## PROGRAMME ELECTIVE-II

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22E03	AGRICULTURAL ECONOMICS		Ty	3	1/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This paper outlines the scope of agriculture in economic development. It helps the students understand the various aspects of agriculture and its relation with industry. It also helps the students gain knowledge on agriculture production.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To understanding nature, scope and factors of Agricultural Economics; interdependence between agriculture and industry.								
<b>CO2</b>	To understand the farming pattern in Indian Agriculture and to learning impact of Green revolution emerging trends of agricultural in productivity.								
<b>CO3</b>	To study the credit facilities provided for the development of farmers and to increase agricultural productivity.								
<b>CO4</b>	To understand agriculture market and its pricing through recent economic reforms								
<b>CO5</b>	Understanding agricultural market through export and import , challenges in India and to identify the objectives of agribusiness enterprises								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	2	2		3			1
CO2	3	3	3	2		3		1	1
CO3	3	3	3	2		3		1	1
CO4	3	3	3	2		3		1	1
CO5	3	3	3	2		3		1	1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		2		3		
CO3	3		3		2		3		
CO4	3		3		2		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
		✓							

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E03	AGRICULTURAL ECONOMICS	Ty	3	1/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I- Introduction to Agricultural Economy**

**12 HOURS**

Nature and Scope of Agricultural Economics. Factors affecting agricultural development: technological, institutional and general. Interdependence between agriculture and industry.

### **Unit II - Systems of Farming**

**12 HOURS**

Systems of farming - farm size and productivity relationship in Indian agriculture with special reference to Tamil Nadu - Contact Farming- Co Operative Farming – Zero Budget Natural Farming- Organic Farming - New agriculture strategy and Green revolution and its Impact

### **Unit III - Agricultural Credit Schemes**

**12 HOURS**

Agricultural Credit- types of Agricultural Credit – NABARD credit schemes - Kisan Credit Card (KCC) scheme – Modern credit schemes – advantages and disadvantages of credit schemes.

### **Unit IV – Agriculture Marketing and Pricing**

**12 HOURS**

Agriculture Marketing – System of Agriculture Marketing - Agricultural price policy - objectives, instruments and impact- economic reforms and agricultural policy – WTO and agriculture- agricultural taxation and its relevance.

### **Unit V- Trends in Agriculture**

**12 HOURS**

Emerging trends in production, processing, marketing and exports; policy controls and regulations relating to industrial sector with specific reference to agro-industries in agribusiness enterprises- innovative techniques in agriculture

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Sadhu An, Singh Amarjit and Singh Jasbir (2014), Fundamentals of Agricultural Economics, Himalaya Publishing House, Delhi
2. Lekhi RK and Singh Joginder, Agricultural Economics, Kalyani Publishers
3. Bhaduri, A. (1984), The Economic Structure of Backward Agriculture, Macmillan, Delhi.
4. Bilgrami, S.A.R. (1996), Agricultural Economics, Himalayas publishing house, Delhi.
5. Dantwala, M.L. et.al (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22E04	INDUSTRIALECONOMICS		Ty	3	1/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The course focuses on measurement of Industrial efficiency, significance of industrial location. The course covers industrial productivity and market concentration. The course also tries to analyze various industrial policies in India.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To provide knowledge on industrial efficiency and measurement of industrial efficiency								
<b>CO2</b>	To understand the importance, determinants and approaches of industrial location								
<b>CO3</b>	To understand the concept and measurement of industrial productivity								
<b>CO4</b>	To provide knowledge on the importance of market diversification and need for innovation								
<b>CO5</b>	To provide knowledge on the performance of the industrial polices								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3			3			1
CO2	3	3	3			3			1
CO3	3	3	3	2		3		1	1
CO4	3	3	3	2		3		1	1
CO5	3	3	3	2		3		1	1
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		2		3		
CO2	3		3		2		3		
CO3	3		3		2		3		
CO4	3		3		2		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
		✓							

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E04	INDUSTRIALECONOMICS	Ty	3	1/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I– Industrial Efficiency**

**12 HOURS**

Introduction – History of Industrial Economics – Factors Inhibiting Industrialization – Industrial Efficiency – Meaning - Determinants and Measurement.

### **Unit II – Industries And Location**

**12 HOURS**

Determinants of Industrial Location – Theories of Industrial Location - Weber and Sargent Florence – Approaches to Industrial Location – Industrial Locational Trends in India – Need for Balanced Regional Development in India.

### **Unit III – Industrial Productivity**

**12 HOURS**

Importance and Measurement of Productivity- Scope and Significance- Tools of Productivity - Factors influencing Industrial Productivity - Labour Productivity - Meaning and Determinants -Wrong Notions of Productivity-Productivity Movement in India - National Productivity Council.

### **Unit IV - Market Concentration**

**12 HOURS**

Market Concentration – Diversification – Vertical Integration and Merger – Innovation – Process of Innovation and Measurement of Innovation Activities– Theory of Technological Innovation – Diffusion of New Technology

### **Unit V -Industrial Policy and Industrial Finance**

**12 HOURS**

Industrial Policy - Globalization in Indian Industry - Privatization & Issues Relating to Disinvestment Policies- MSME – Need for Industrial finance – Sources of Industrial finance -IDBI - SIDBI – IFCI – IIBI – IRBI – SFCs – Recent schemes and polices for Industrial Development in India.

**TOTAL HOURS: 60**

## **BOOKS FOR REFERENCE**

1. Barthwal R.R., Industrial Economics, 4<sup>th</sup> edition, New Age International Publishers, 2021
2. Desai. S.S.M, Bhalerao. N “Industrial Economy of India”, 5<sup>th</sup> edition, Himalaya Publishing House, Bombay, 2010.



# **PROGRAMME ELECTIVE-III**

### PROGRAMME ELECTIVE-III

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22E05	MANAGERIAL ECONOMICS		Ty	4	0/0	0/0	4		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The student will understand the concept and tools of Managerial Economics, Responsibilities of a Managerial Economist. It helps to forecasting the demand other factors and to help them in Project Appraisal and Assessing Project Profitability.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To understand and concepts in Managerial Economics..								
<b>CO2</b>	To analyse the demand forecasting and its methods								
<b>CO3</b>	To understand the profit measurement and planning								
<b>CO4</b>	To understand the role of Capital Budgeting in business and project Appraisal, Assessing Project Profitability								
<b>CO5</b>	To understand the various economic analysis.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3						
CO2	3	3	3	2		3			
CO3	3	3	3	2		3			
CO4	3	3	3	2		3			
CO5	3	3	3	2		3			
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		2		1		2		
CO2	3		3		3		3		
CO3	3		3		3		3		
CO4	3		3		3		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
		✓							

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E05	MANAGERIAL ECONOMICS	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I Introduction**

**12 HOURS**

Managerial Economics-Definition –Characteristics- Nature and Scope of Managerial Economics –Basic Tools of Managerial Economics - Role and Responsibilities of Managerial Economist.

### **UnitII-Demand forecasting**

**12 HOURS**

Demand Determinants - Demand Distinction – Demand Forecasting-factors- purpose-method Importance and Limitation

### **Unit III- Profit Management**

**12 HOURS**

Profit–Accounting and Economic Profit-Measurement-Profit Planning and Forecasting-Break Even Analysis-Uses of Break-Even Analysis.

### **Unit IV -Capital Management**

**12 HOURS**

Capital Budgeting– Cost of Capital– Project Profitability– Methods– Pay Back Period-Accounting Rate of Return –Internal Rate of Return- Net Present ValueMethod.

### **Unit V- Linear Programming for Economic Analysis**

**12 HOURS**

Optimisation techniques with reference to Linear Programming- Graphical and Simplex Methods.

**TOTAL HOURS: 60**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Managerial Economics – Analysis, Problems and Cases, P.L. Mehta, Sultan Chand Sons, New Delhi
2. Managerial Economics – Varshney and Maheshwari, Sultan Chand and Sons, New Delhi
3. Managerial Economics – D. Salvatore, McGraw Hill, New Delhi
4. Managerial Economics – Pearson and Lewis, Prentice Hall, New Delhi
5. Managerial Economics – G.S. Gupta, T M H, New Delhi

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C			
HBEM22E06	FINANCIAL SERVICES	Ty	4	0/0	0/0	4			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course enables the student to understand the Indian financial system and its legal regulatory framework of financial market and services. It also provides the knowledge on Securities and Stocks Exchange Board of India (SEBI) and various credit rating systems in India.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding and the financial system and its components.								
<b>CO2</b>	To study about the Legal and regulatory framework financial system.								
<b>CO3</b>	To impart understanding the financial market and its structure with money market and capital market.								
<b>CO4</b>	To study about the organizations and regulations of financial services for securities and stock exchange in India.								
<b>CO5</b>	To impart understanding the organizations of financial services and credit rating of securities for investors.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	1		3			2
CO2	3	3	3	1		3		1	2
CO3	3	3	3	1		3		1	2
CO4	3	3	3	1		3		1	2
CO5	3	3	3	1		3		1	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		2		
CO2	3		3		1		2		
CO3	3		3		1		2		
CO4	3		3		1		2		
CO5	3		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
		✓							

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22E06	FINANCIAL SERVICES	Ty	4	0/0	0/0	4
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I – Introduction to Financial System**

**12 HOURS**

Financial system – meaning and objectives- significance – components - financial institutions, financial markets, financial instruments and financial services - Role of financial system; problem of asymmetric information– adverse selection and moral hazard; financial crises.

### **Unit II –Financial Services**

**12 HOURS**

Meaning – Importance of financial services – components of financial services – types of financial services-economic factors of financial services – Legal and regulatory framework governing financial services.

### **Unit III –Financial Markets**

**12 HOURS**

Financial markets- functions – classification - money markets – functions, organisation and instruments –role of money market – Indian money market - an overview; Capital market - functions, organisation and instruments Indian debt market ; Indian equity market – recent trends in capital market - primary and secondary market

### **Unit IV–Stocks exchange and Securities**

**12 HOURS**

Securities Contracts (Regulation) Acts – Introduction – stock exchange in India – organizational structure –need for control - listing of securities – initial Public offer – SEBI – Objectives, features, powers and guidelines – Securities and Exchange Board of India bill (2002) – functions and importance – OTCEI – NSE – Latest development in SEBI.

### **UnitV –Mutual Funds and Credit Rating**

**12 HOURS**

NBFC'S – Functions and Regulation – Mutual funds – needs – classification – portfolio management process in mutual funds – Credit Rating System – growth factors – Credit rating process – CRISIL – Global and Domestic credit rating agencies.

**TOTAL HOURS: 60**

### **TEXT BOOKS AND REFERENCE BOOKS**

1. B.Santhanam, Financial services (Indian Financial system) Morgham Publication 2016.
2. Financial market-Institutions and services, N.K.Gupthan& Monika –Ane Book PVT Ltd – Delhi (2002)
3. Financial Markets and Financial Services in India, Benson Kunjukunju& S.Mohanana -New Century Publications-Delhi (2004)
4. Indian Financial system, H.R.Modi Raja Financial services in India-Rajesh Kothari (2002).

# **SKILL ENHANCEMENT ELECTIVE: I**

### SKILL ENHANCEMENT ELECTIVE: I

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22SE1	EVENT MANAGEMENT		Ty	3	0/0	0/0	3		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
The course aims at making the students acquire an in-depth knowledge about the field of “event management” and to become familiar with management techniques and strategies required for successful planning, promotion, implementation and evaluation of special events. The course also focuses on preparation that is needed for career as an Event Manager.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To understand the concept, importance and types of event								
<b>CO2</b>	To provide knowledge on successful planning and organization of event								
<b>CO3</b>	To understand the key concept of Marketing and Promotion								
<b>CO4</b>	To understand the role of event budget and various element of budget planning								
<b>CO5</b>	To identify the chances of happening risks in events and various forms of risks in event management								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3		3	3		2	2
CO2	3	3	3		3	3		3	2
CO3	3	3	3		3	3		3	2
CO4	3	3	3		3	3		3	2
CO5	3	3	3		3	3		3	2
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		3		1		1		
CO2	2		3		1		1		
CO3	3		3		3		1		
CO4	3		3		3		1		
CO5	3		3		3		1		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
					✓				

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22SE1	EVENT MANAGEMENT	Ty	3	0/0	0/0	3

## **COURSE CONTENT**

### **UNIT – I – Introduction to Event Management 9 HOURS**

Event – definition, need and importance; Categorisation of events - on the basis of size, type and context - on the basis of formality involved - on the basis of nature of the event.

### **UNIT – II - Event Management and Planning 9 HOURS**

Event management – Introduction – definition - Five ‘Cs’ of Successful Event Planning - Activities in Event Planning and Management - Steps in organizing events.

### **UNIT – III – Event Marketing and Promotion 9 HOURS**

Introduction – Definition – Marketing Mix – Strategies of event marketing – Event Promotion – Promotion strategies – Promotion methods.

### **UNIT – IV – Financial Management 9 HOURS**

Introduction – Event Budget – Financing the event – Event Costs – Break Even Analysis.

### **UNIT – V – Risk Management 9 HOURS**

Introduction – Categories of Risk – Risk Insurance – Methods of Identifying Risks – Risk Management

**TOTAL HOURS: 45**

## **TEXTBOOKS AND REFERENCE BOOKS**

1. Anukrati Sharma, Shruti Aurora, "Event Management and Marketing - Theory, Practical approaches and Planning", 1st edition, Bharti Publications, 2018
2. Hoshi Bhiwandiwalla, BhavanaChaudhari, "Event Management", 4th edition, NiraliPrakashan publishers, Pune, 2019



Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22SE2	REPORTING AND EDITING		Ty	3	0/0	0/0	3		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course enables the student to understand the principles, functions of reporting and editing. It also provides the knowledge on Report Techniques and qualities of reporter. This course also focuses on functions and qualifications of editors.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To understand the concept, principles of reporting.								
<b>CO2</b>	To understand the knowledge on report techniques								
<b>CO3</b>	To provide practical knowledge on reporting								
<b>CO4</b>	To understand the role of editing and proof reading techniques								
<b>CO5</b>	To identify the functions and qualifications of editors.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	3	3		2	3
CO2	3	3	3	2	3	3		3	3
CO3	3	3	3	2	3	3		3	3
CO4	3	3	3	2	3	3		3	3
CO5	3	3	3	2	3	3		3	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		3		1		2		
CO2	1		3		1		2		
CO3	1		3		1		2		
CO4	1		3		1		2		
CO5	1		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
					✓				

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22SE2	REPORTING AND EDITING	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

### **Unit I**

**9 HOURS**

Reporting: Principles of reporting, functions and responsibilities, writing news- lead-types of leads; body- Techniques of re-writing-techniques of re-writing news agency copy.

### **Unit II**

**9 HOURS**

Reporting: Reporting techniques-qualities of reporter-news-elements, source- types – pitfalls and problems in reporting –attribution-off-the –record-embargo- pool reporting; follow up –advocacy, interpretation, investigation.

### **Unit III**

**9 HOURS**

Reporting –Crime, courts, society, culture, politics, commerce and business, education reporting; practical.

### **Unit IV**

**9 HOURS**

Editing: Nature and need for editing. Principles of editing, editorial desk, functions of editorial desk-copy editing, preparation of copy for press-Style sheet-editing symbols, proof reading symbols and their significance.

### **Unit V**

**9 HOURS**

Functions and qualifications of a sub-editor and chief-sub editor, copy selection and copy tasting, basic principle of translation.

**TOTAL HOURS: 45**

### **References**

Parhhar, Weekly newsSkill Based Electives Management, 2002  
Industrial editing, Smith, 2000

## **SKILL ENHANCEMENT ELECTIVE: II**

## SKILL ENHANCEMENT ELECTIVE: II

Subject Code	Subject Name :		Ty/ Lb/ ETP	L	T/SLr	P/R	C		
HBEM22SE3	CAREER AND LIFE PLANNING		Ty	3	0/0	0/0	3		
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
<ul style="list-style-type: none"> <li>• Acquire career planning skills and fully pursue to partake in a successful career path.</li> <li>• Explore desired career opportunities in the employment market in consideration of an individual SWOT analysis.</li> </ul>									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To analyze sources of career planning and opportunities (online/offline).								
<b>CO2</b>	To identify career opportunities in consideration of their own potential and aspirations.								
<b>CO3</b>	To identify the future plan and explore decision-making on their career								
<b>CO4</b>	To impart understanding on various Central and State level examinations and job opportunities.								
<b>CO5</b>	To understand and use the various tools and techniques for job search and resume preparation								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3		3	3		3	3
CO2	3	3	3		3	3		3	3
CO3	3	3	3		3	3		3	3
CO4	3	3	3		3	3		3	3
CO5	3	3	3		3	3		3	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		2		1		1		
CO2	1		2		1		1		
CO3	1		2		1		1		
CO4	1		2		1		1		
CO5	1		2		1		1		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary / Allied	Skill Component	Practical /Project/ internship	Others
							✓		

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22SE3	CAREER AND LIFE PLANNING	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## COURSE CONTENT

### Unit I - Process of Career Exploration

**9 HOURS**

Career planning, main components of career planning - Self Assessment through SWOT analysis - Career exploration - Gathering information about career options through print, electronic and on-line sources - Gaining experience in chosen career.

### Unit II - Knowing Yourself – Personal Characteristics (Assessment of Values and Abilities)

**9 HOURS**

- General mental ability,
- Special abilities
- Personality characteristics
- Interests
- Attitudes
- Values
- Aspirations

Students in small groups may be asked to prepare brief write up on the above characteristics.

### Unit III -Career Decision-Making

**9 HOURS**

Introductory exercises concerning personal goals, such as the "Future Projection" exercise - The process of career decision-making is examined and discussed.

### Unit IV - Knowledge about the World of Work, Requirements of Jobs Including Self-Employment

**9 HOURS**

Provide information regarding job opportunities in and outside the country -The information about the Union Public Service Commission, State Public Service Commissions, Railway Recruitment Board and all the employment exchanges information about job opportunities.

### Unit V - The Job Search

**9 HOURS**

Explore current and future occupational trends - Examine job search techniques – How to equip themselves according to the requirement of the job -Students learn how to prepare resumes and cover letters - Techniques for successful job interviewing are explored- Role playing for job interview or an interview video may be shown and discussed.

**TOTAL HOURS: 45**

## **TEXT BOOKS AND REFERENCE BOOKS**

The Career Adventure - Susan M. Johnston, Prentice Hall, Upper Saddle River, NJ, Ill:1999.  
ISBN:0-13-080188-7

The Occupational Outlook Handbook - Bureau of Labor Statistics - Ref. 2000-2001.

The Encyclopedia of Careers and Vocational Guidance - Ref. J.G. Ferguson, Publishing Co.,  
Chicago, Ill: 1993.

Yee, Silvia Mei-ling. Careers in the Classroom: When teaching a job is more than a job.  
N.Y.: Teachers College Press, LB1737.U6Y44, 1990.

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C			
HBEM22SE4	PUBLIC RELATIONS	Ty	3	0/0	0/0	3			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
This course enables the student to understand the History and development of Public Relations. It also provides the knowledge on Public relation policies and organisations. This course also focuses on process and planning of Public Relations.									
<b>COURSE OUTCOMES (Cos)</b> Students completing this course were able to									
<b>CO1</b>	To understand the concept, Nature and Scope of public Relations.								
<b>CO2</b>	To provide knowledge on Policies and Organisation of public Relations								
<b>CO3</b>	To identify the various functions in public Relations								
<b>CO4</b>	To understand the role of Public relations Media								
<b>CO5</b>	To understand the process and planning in public Relations.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	3	3		2	3
CO2	3	3	3	2	3	3		3	3
CO3	3	3	3	2	3	3		3	3
CO4	3	3	3	2	3	3		3	3
CO5	3	3	3	2	3	3		3	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	1		3		1		2		
CO2	1		3		1		2		
CO3	1		3		1		2		
CO4	1		3		1		2		
CO5	1		3		1		2		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program Elective	Humanities & social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
					✓				

Subject Code	Subject Name :	Ty/ Lb/ ETP	L	T/SLr	P/R	C
HBEM22SE4	PUBLIC RELATIONS	Ty	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

### **Unit I**

**9 HOURS**

Nature and scope of public relations and its definitions - History and development of Public Relations - P.R. in management theory and practices.

### **UNIT II**

**9 HOURS**

P.R. policy - objectives and making of a P.R. man - Communication in industry and business -9 Organisation of P.R. Department.

### **Unit III**

**9 HOURS**

P.R.as staff function and P.R. counseling - P.R. and the publics - Employees relations dealer customer relations -Government relations-community relations.

### **Unit IV**

**9 HOURS**

P.R. and the media - Spoken word, printed word animation - P.R. process-fact- printing and feedback.

### **Unit V**

**9 HOURS**

P.R. Process-planning - P.R. Process communicating, -evaluating results - P.R. towards a profession - House Journals.

**TOTAL HOURS: 45**

### **REFERENCES:**

The Public Relations Handbook Alison Theaker 3 rd Edition 2001  
Public Relations Edward L. Bernays University of Oklahoma Press 2013



# **OPEN ELECTIVE-I**

## OPEN ELECTIVE-I

Subject Code:	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C			
HBEM22OE1	INDIAN ECONOMY	T	3	0/0	0/0	3			
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
Using appropriate analytical frameworks, this course teaches the concept of Indian growth and development and to know the major problems, policies and reforms in India.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	To impart understanding on the concept of economic Growth and Development								
<b>CO2</b>	To impart understanding the major problems of Indian Economy and issues in education, health and malnutrition.								
<b>CO3</b>	To impart understanding planning, policies and reforms in Indian economy.								
<b>CO4</b>	To gain the knowledge on Natural Resources and Economic Development in India.								
<b>CO5</b>	To impart understanding the roll of Infrastructure in economic development of India.								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	2	1	3		1	3
CO2	3	3	3	2	1	3		1	3
CO3	3	3	3	2	1	3		1	3
CO4	3	3	3	2	1	3		1	3
CO5	3	3	3	2	1	3		1	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		1		3		
CO2	3		3		1		3		
CO3	3		3		1		3		
CO4	3		3		1		3		
CO5	3		3		1		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/ Allied	Skill Component	Practical /Project/ internship	Others
				✓					

Subject Code:	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBEM22OE1	INDIAN ECONOMY	T	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **UNIT I – Introduction to Growth and Development**

**9 HOURS**

Meaning of Economic Growth and Development – Characteristics of under Developed Countries – Major features of Indian Economy – Determinants of growth – Economic and Non – economic factors.

### **UNIT II– Major Problems of Indian Economy**

**9 HOURS**

Major problems of Indian Economy – Poverty – Inequality- unemployment- Population – Health and Malnutrition – Job Less Growth – Female Labour Force Participation.

### **UNIT III–Economic planning and Reforms**

**9 HOURS**

Introduction to Sectors of Indian Economy – Primary Sector – Secondary Sector - Tertiary Sector – Planning Commission – Five years Plan in India (1951 -2014) – NITI Aayog - New Economic Reforms – LPG.

### **UNIT IV –Natural Resources and Economic Development**

**9 HOURS**

Introduction to Natural Resources and Economic Development – Natural Resources of India – Land Resources – Forest Resources – Mineral Resources – Water Resources.

### **UNIT V– Infrastructure and Economic Development**

**9 HOURS**

Introduction to Infrastructure and Economic Development – Physical Infrastructure: Energy, power, irrigation, transport, and telecommunication – Social Infrastructure: Health, Education.

**TOTAL HOURS: 45**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Uma Kapila, 2021, Indian Economy Performance and Policy, 21<sup>st</sup> Edition, Academic Foundtaion, New Delhi.
2. V.K. Puri, S.K.Misra, 2018, Indian Economy, Himalaya Publication House, New Delhi.
3. MisraDhingra, I.C., 2019, Indian Economy, S.Chand Publications, New Delhi.
4. Radha, 2020, Indian Economy, Prasanna Publishers and Distributors, Chennai
5. KausikBasu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
6. Dutt, Ruddar and K.P.M.Sundaram, 2005, Indian Economy, S.Chand Publications, New Delhi

# **OPEN ELECTIVE-II**

## OPEN ELECTIVE-II

Subject Code	Subject Name :				Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBEM22OE2	GENDER ECONOMICS				T	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab									
<b>OBJECTIVES</b>									
To enable the students focus on theories of development, development strategy and examine key issues in globalization from a gender perspective. It surveys various gender dimensions of economic development with the aim that students will gain a fundamental theoretical understanding.									
<b>COURSE OUTCOMES (Cos)</b>									
Students completing this course were able to									
<b>CO1</b>	Outline on the concept of gender and relating concepts and Learning and analyzing the indices on human development, gender development and disparity.								
<b>CO2</b>	Understanding Gender discrimination in various aspects of social economic variables.								
<b>CO3</b>	Understanding, Valuation and analysis of working women considering all economics aspects.								
<b>CO4</b>	Understating the role of women in Globalization and Social and Economic Empowerment of Women by Employment Schemes and economic approaches								
<b>CO5</b>	Understanding the importance of gender planning , gender sensitive governance and role of women in democratic decentralization (Panchayats)								
<b>Mapping of Course Outcome with Program Outcome (POs)</b>									
Cos/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	3	3	3		3	1	3	3
CO2	3	3	3	3		3	1	3	3
CO3	3	3	3	3		3	1	3	3
CO4	3	3	3	3		3	1	3	3
CO5	3	3	3	3		3	1	3	3
COs/PSOs	PSO1		PSO2		PSO3		PSO4		
CO1	3		3		2		3		
CO2	3		3		3		3		
CO3	3		3		3		3		
CO4	3		3		2		3		
CO5	3		3		2		3		
3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Program Core	Program elective	Humanities and social Science	Open Elective	Skill enhancing elective	Inter Disciplinary/Allied	Skill Component	Practical /Project/ internship	Others
				✓					

Subject Code	Subject Name :	Ty/ Lb/ ETL	L	T/SLr	P/R	C
HBEM22OE2	GENDER ECONOMICS	T	3	0/0	0/0	3
L : Lecture T : Tutorial SLr : Supervised Learning P: Project R : Research C : Credits T/L/ETL : Theory / Lab / Embedded Theory and Lab						

## **COURSE CONTENT**

### **Unit I - Introduction to Gender**

**9 HOURS**

Definition of Gender – Gender and sex ratio – Gender Equity and Gender Equality – Gender Development – Human Development Index and Gender Development index – Gender Disparity Index – Gender Empowerment Measure

### **Unit II - Gender Discrimination in India**

**9 HOURS**

Gender Discrimination in Labour Force Participation – Occupational Segregation and Wage Differences – Gender Discrimination in Education, Health, Employment, Political Participation and Decision Making – Gender division of labour – Gender stereotyping.

### **Unit III - Conceptualization of Women's Work**

**9 HOURS**

Conceptualization of Women's Work: Concept and analysis of women's work; Valuation of production and unproductive work; visible and invisible work; paid and unpaid work; economically productive and socially productive work – economic status, private property, and participation of women in preindustrial and industrial societies – Female contribution to National Income.

### **Unit IV- Globalisation and Women Empowerment**

**9 HOURS**

Women and Globalization – Economic and social Aspects - Impact of Globalization in the light of multiple roles of women - Structural Adjustment Program and Employment of Women- Social and Economic Empowerment of Women Employment Generation Schemes - Approaches and Access to Credit (from traditional form of credit to microcredit), Microfinance revolution - SHGs and Economic Empowerment.

### **Unit V- Gender Planning**

**9 HOURS**

Gender Planning - Gender planning techniques – Gender Budgeting- Gender sensitive governance; Paradigm shifts from women's wellbeing to women's empowerment; Democratic decentralization (Panchayats) and women's empowerment in India.

**TOTAL HOURS: 45**

## **TEXT BOOKS AND REFERENCE BOOKS**

1. Gita Sen and Canen Crown; Gender and Class in Development Experience
2. Gender Challenges, Bina Agarwal
3. National Institute of Public Finance and Policy (NIPFP)