

B A ECONOMICS

LOCF SYLLABUS 2023



Department of Economics

School of Management Studies

St. Joseph's College (Autonomous)

Tiruchirappalli - 620002, Tamil Nadu, India

SCHOOLS OF EXCELLENCE WITH CHOICE BASED CREDIT SYSTEM (CBCS) POSTGRADUATE COURSES

St. Joseph's College (Autonomous), an esteemed institution in the realm of higher education in India, has embarked on a journey to uphold and perpetuate academic excellence. One of the pivotal initiatives in this pursuit is the establishment of five Schools of Excellence commencing from the academic year 2014-15. These schools are strategically designed to confront and surpass the challenges posed by the 21st century.

Each School amalgamates correlated disciplines under a unified umbrella, fostering synergy and coherence. This integrated approach fosters the optimal utilization of both human expertise and infrastructural assets. Moreover, it facilitates academic fluidity and augments employability by nurturing a dynamic environment conducive to learning and innovation. Importantly, while promoting collaboration and interdisciplinary study, the Schools of Excellence also uphold the individual identity, autonomy, and distinctiveness of every department within.

The overarching objectives of these five schools are as follows:

1. **Optimal Resource Utilization:** Ensuring the efficient use of both human and material resources to foster academic flexibility and attain excellence across disciplines.
2. **Horizontal Mobility for Students:** Providing students with the freedom to choose courses aligning with their interests and facilitating credit transfers, thereby enhancing their academic mobility and enriching their learning experience.
3. **Credit-Transfer Across Disciplines (CTAD):** The existing curricular structure, in accordance with regulations from entities such as TANSCHÉ and other higher educational institutions, facilitates seamless credit transfers across diverse disciplines. This underscores the adaptability and uniqueness of the choice-based credit system.
4. **Promotion of Human Excellence:** Nurturing excellence in specialized areas through focused attention and resources, thus empowering individuals to excel in their respective fields.
5. **Emphasis on Internships and Projects:** Encouraging students to engage in internships and projects, serving as stepping stones toward research endeavors, thereby fostering a culture of inquiry and innovation.
6. **Addressing Stakeholder Needs:** The multi-disciplinary nature of the School System is tailored to meet the requirements of various stakeholders, particularly employers, by equipping students with versatile skills and competencies essential for success in the contemporary professional landscape.

In essence, the Schools of Excellence at St. Joseph's College (Autonomous) epitomize a holistic approach towards education, aiming not only to impart knowledge but also to cultivate critical thinking, creativity, and adaptability – qualities indispensable for thriving in the dynamic global arena of the 21st century.

Credit system

The credit system at St. Joseph's College (Autonomous) assigns weightage to courses based on the hours allocated to each course. Typically, one credit is equivalent to one hour of instruction per week. However, credits are awarded regardless of actual teaching hours to ensure consistency and adherence to guidelines.

The credits and hours allotted to each course within a programme are detailed in the Programme Pattern table. While the table provides a framework, there may be some flexibility due to practical sessions, field visits, tutorials, and the nature of project work.

For undergraduate (UG) courses, students are required to accumulate a minimum of 133 credits, as stipulated in the programme pattern table. The total number of courses offered by the department is outlined in the Programme Structure.

OUTCOME-BASED EDUCATION (OBE)

OBE is an educational approach that revolves around clearly defined goals or outcomes for every aspect of the educational system. The primary aim is for each student to successfully achieve these predetermined outcomes by the culmination of their educational journey. Unlike traditional methods, OBE does not prescribe a singular teaching style or assessment format. Instead, classes, activities, and evaluations are structured to support students in attaining the specified outcomes effectively.

In OBE, the emphasis lies on measurable outcomes, allowing educational institutions to establish their own set of objectives tailored to their unique context and priorities. The overarching objective of OBE is to establish a direct link between education and employability, ensuring that students acquire the necessary skills and competencies sought after by employers.

OBE fosters a student-centric approach to teaching and learning, where the delivery of courses and assessments are meticulously planned to align with the predetermined objectives and outcomes. It places significant emphasis on evaluating student performance at various levels to gauge their progress and proficiency in meeting the desired outcomes.

Here are some key aspects of Outcome-Based Education:

Course: A course refers to a theory, practical, or a combination of both that is done within a semester.

Course Outcomes (COs): These are statements that delineate the significant and essential learning outcomes that learners should have achieved and can reliably demonstrate by the conclusion of a course. Typically, three or more course outcomes are specified for each course, depending on its importance.

Programme: This term pertains to the specialization or discipline of a degree programme.

Programme Outcomes (POs): POs are statements that articulate what students are expected to be capable of by the time they graduate. These outcomes are closely aligned with Graduate Attributes.

Programme Specific Outcomes (PSOs): PSOs outline the specific skills and abilities that students should possess upon graduation within a particular discipline or specialization.

Programme Educational Objectives (PEOs): PEOs encapsulate the expected accomplishments of graduates in their careers, particularly highlighting what they are expected to achieve and perform during the initial years postgraduation.

LEARNING OUTCOME-BASED CURRICULUM FRAMEWORK (LOCF)

The Learning Outcomes-Centric Framework (LOCF) places the learning outcomes at the forefront of curriculum design and execution. It underscores the importance of ensuring that these outcomes are clear, measurable, and relevant. LOCF orchestrates teaching methodologies, evaluations, and activities in direct correlation with these outcomes. Furthermore, LOCF adopts a backward design approach, focusing on defining precise and attainable learning objectives. The goal is to create a cohesive framework where every educational element is in harmony with these outcomes.

Assessment practices within LOCF are intricately linked to the established learning objectives. Evaluations are crafted to gauge students' achievement of these outcomes accurately. Emphasis is often placed on employing authentic assessment methods, allowing students to showcase their learning in real-life scenarios. Additionally, LOCF frameworks emphasize flexibility and adaptability, enabling

educators to tailor curriculum and instructional approaches to suit the diverse needs of students while ensuring alignment with the defined learning outcomes.

Some Important Terminologies

Core Course (CC): Core Courses represent obligatory elements within an academic programme, imparting fundamental knowledge within the primary discipline while ensuring consistency and acknowledgment.

Allied Course (AC): Allied Courses complement primary disciplines by furnishing supplementary knowledge, enriching students' understanding and skill repertoire within their academic pursuit.

Foundation Course (FC): Foundation Courses serve to bridge the gap in knowledge and skills between secondary education and college-level studies, facilitating a smoother transition for students entering higher education.

Skill Enhancement Course (SE): Skill Enhancement Courses aim to nurture students' abilities and competencies through practical training, open to students across disciplines but particularly advantageous for those in programme-related fields.

Value Education (VE): Value education encompasses the teaching of moral, ethical, and social values to students, aiming to foster their holistic development. It instills virtues such as empathy, integrity, and responsibility, guiding students towards becoming morally upright and socially responsible members of society.

Ability Enhancement Compulsory Course (AE): Ability Enhancement Compulsory Course is designed to enhance students' knowledge and skills; examples include Communicative English and Environmental Science. These courses are obligatory for all disciplines.

AE-1: Communicative English: This three-credit mandatory course, offered by the Department of English during the first semester of the degree programme, is conducted outside regular class hours.

AE-2: Environmental Science: This one-credit compulsory course, offered during the second semester by the Department of Human Excellence, emphasizes environmental awareness and stewardship.

Allied Optional (AO): Allied optional courses are elective modules that complement the primary disciplines by providing additional knowledge and skills. These courses allow students to explore areas of interest outside their major field of study, broadening their understanding and enhancing their skill set.

Discipline Specific Elective (ES): These courses offer the flexibility of selection of options from a pool of courses. These are considered specialized or advanced to that particular programme and provide extensive exposure in the area chosen; these are also more applied in nature. Four courses are offered, two courses each in semester V and VI

Note: To offer one ES, a minimum of two courses of equal importance/weightage is a must. A department with two sections must offer two courses to the students.

Generic Elective (EG): A course chosen from a different discipline or subject area, typically to gain exposure. Students pursuing specific disciplines must select Generic Elective courses from the options available across departments as per the college's course offerings. The breadth of Generic Elective (GE) Courses is directly linked to the diversity of disciplines offered by the college. Two GE Courses are available, one in each semester V and VI, and are open to students from other departments.

Self-paced Learning (SP): It is a two-credit course designed to foster students' ability for independent and self-directed learning. With a syllabus structured to be completed within 45 hours, this course encourages learners to take control of their own educational journey. Notably, Self-paced Learning is conducted outside of regular class hours, emphasizing autonomy and self-motivation in students.

Internship (IS): Following the fourth semester, students are required to undertake an internship during the summer break. Subsequently, they must submit a comprehensive report detailing their internship experience along with requisite documentation. Additionally, students are expected to participate in a viva-voce examination during the fifth semester. Credits for the internship will be reflected in the mark statement for the fifth semester.

Comprehensive Examination (CE): A detailed syllabus consisting of five units to be chosen from the courses offered over the five semesters which are of immense importance and those portions which could not be accommodated in the regular syllabus.

Extra Credit Courses: To support students in acquiring knowledge and skills through online platforms such as Massive Open Online Courses (MOOCs), additional credits are granted upon verification of course completion. These extra credits can be availed across five semesters (2 - 6). In line with UGC guidelines, students are encouraged to enhance their learning by enrolling in MOOCs offered by portals like SWAYAM, NPTEL, and others. Additionally, certificate courses provided by the college also qualify for these extra credits.

Outreach Programme (OR): It is a compulsory course to create a sense of social concern among all the students and to inspire them to dedicated service to the needy.

Course Coding

The following code system (11 alphanumeric characters) is adopted for Under Graduate courses:

23	UXX	0	0	XX	00/X
Year of Revision	UG Department Code	Semester Number	Part Specification	Course Specific Initials	Running Number/with Choice

Course Specific Initials

GL - Languages (Tamil / Hindi / French / Sanskrit)

GE - General English

CC - Core Theory; CP- Core Practical

AC - Allied Course

AP - Allied Practical

FC - Foundation Course

SE - Skill Enhancement Course

VE - Value Education

WS - Workshop

AE - Ability Enhancement Course

AO - Allied Optional

OP - Allied Optional Practical

ES - Discipline Specific Elective

IS - Internship

SP - Self-paced Learning

EG - Generic Elective

ES - Discipline Specific Elective

PW - Project and Viva Voce

CE - Comprehensive Examination

OR - Outreach Programme

EVALUATION PATTERN
Continuous Internal Assessment

SI No	Component	Marks Alloted
1	Mid Semester Test	30
2	End Semester Test	30
3	*Three Components (15 + 10 + 10)	35
4	Library Referencing (30 hours)	5
Total		100

Passing minimum: 40 marks

* The first component is a compulsory online test (JosTEL platform) comprising 15 multiple choice questions (10 questions at K1 level and 5 questions at K2 level); The second and the third components are decided by the course in-charge.

Question Paper Blueprint for Mid and End Semester Tests

Duration: 2 Hours		Maximum Marks: 60						
Section		K levels						Marks
		K1	K2	K3	K4	K5	K6	
A (compulsory)		7						$7 \times 1 = 7$
B (compulsory)			5					$5 \times 3 = 15$
C (either...or type)				3				$3 \times 6 = 18$
D (2 out of 3)	For courses with K5 as the highest cognitive level, one K4 and one K5 question is compulsory. (Note: two questions on K4 and one question on K5)				1	1*		$2 \times 10 = 20$
	For courses with K6 as the highest cognitive level: Mid Sem: two questions on K4 and one question on K5; End Sem: two questions on K5 and one question on K6)				Mid Sem			
						End Sem		
					1	1	1*	
Total								60

* Compulsory

Question Paper Blueprint for Semester Examination

Duration: 3 Hours		Maximum Marks: 100				
UNIT	Section A (Compulsory)	Section B (Compulsory)	Section C (Either...or type)	Section D (3 out of 5)		
	K1	K2	K3	K4	K5	
UNIT I	2	2	2	3*	2*	
UNIT II	2	2	2			
UNIT III	2	2	2			
UNIT IV	2	2	2			
UNIT V	2	2	2			
Marks	$10 \times 1 = 10$	$10 \times 3 = 30$	$5 \times 6 = 30$	$3 \times 10 = 30$		

* For courses with K5 as the highest cognitive level wherein two K4 and one K5 questions are compulsory. (Note: three questions on K4 and two question on K5)

Evaluation Pattern for Part IV and One/Two-credit Courses

Title of the Course	CIA	Semester Examination	Total Marks
<ul style="list-style-type: none"> • Skill Enhancement Course (Non Major Elective) • Foundation Course • Skill Enhancement Course (WS) 	20 + 10 + 20 = 50	50 (A member from the Department other than the course instructors)	100
<ul style="list-style-type: none"> • Self-paced Learning • Comprehensive Examination 	25 + 25 = 50	50 (CoE)	100
<ul style="list-style-type: none"> • Value Education • Environmental Studies 	50	50 (CoE)	100
<ul style="list-style-type: none"> • Skill Enhancement Course: Soft Skills 	100	-	100
<ul style="list-style-type: none"> • Generic Elective 	100	100 (CoE)	100
<ul style="list-style-type: none"> • Project Work and Viva Voce 	100	100	100

Grading System

The marks obtained in the CIA and semester for each course will be graded as per the scheme provided in Table - 1.

From the second semester onwards, the total performance within a semester and the continuous performance starting from the first semester are indicated by Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA), respectively. These two are calculated by the following formulae:

$$SGPA \text{ and } CGPA = \frac{\sum_{i=1}^n C_i Gp_i}{\sum_{i=1}^n C_i}$$

$$WAM = \frac{\sum_{i=1}^n C_i M_i}{\sum_{i=1}^n C_i}$$

Where,

C_i - credit earned for the Course i

Gp_i - Grade Point obtained for the Course i

M_i - Marks obtained for the Course i

n - Number of Courses **passed** in that semester

WAM - Weighted Average Marks

Classification of Final Results

- For each of the first three parts in the UG Programme, there shall be separate classification on the basis of CGPA, as indicated in Table - 2.
- For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Arts/Science/Commerce/Management as Outstanding/Excellent/Very Good/Good/Above Average/Average, the marks and the corresponding CGPA earned by the candidate in Part III alone will be the criterion, provided the candidate has secured the prescribed passing minimum in all the five Parts of the programme.

- Grade in Part IV and Part V shall be shown separately and it shall not be taken into account for classification.
- A pass in SHEPHERD will continue to be mandatory although the marks will not be counted for the calculation of the CGPA.
- Absence from an examination shall not be considered as an attempt.

Table - 1: Grading of the Courses

Mark Range	Grade Point	Corresponding Grade
90 and above	10	O
80 and above and below 90	9	A+
70 and above and below 80	8	A
60 and above and below 70	7	B+
50 and above and below 60	6	B
40 and above and below 50	5	C
Below 40	0	RA

Table - 2: Grading of the Final Performance

CGPA	Grade	Performance
9.00 and above	O	Outstanding*
8.00 to 8.99	A+	Excellent*
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.00 to 5.99	B	Above Average
4.00 to 4.99	C	Average
Below 4.00	RA	Re-appear

**The Candidates who have passed in the first appearance and within the prescribed duration of the UG programme are eligible. If the Candidates Grade is O/A+ with more than one attempt, the performance is considered "Very Good".*

Vision

Forming globally competent, committed, compassionate and holistic persons, to be men and women for others, promoting a just society.

Mission

- Fostering learning environment to students of diverse background, developing their inherent skills and competencies through reflection, creation of knowledge and service.
- Nurturing comprehensive learning and best practices through innovative and value- driven pedagogy.
- Contributing significantly to Higher Education through Teaching, Learning, Research and Extension.

Programme Educational Objectives (PEOs)

- Graduates will be able to accomplish professional standards in the global environment.
- Graduates will be able to uphold integrity and human values.
- Graduates will be able to appreciate and promote pluralism and multiculturalism in working environment.

Programme Outcomes (POs)

1. Graduates will be able to comprehend the concepts learnt and apply in real life situations with analytical skills.
2. Graduates with acquired skills and enhanced knowledge will be employable/ become entrepreneurs or will pursue higher Education.
3. Graduates with acquired knowledge of modern tools communicative skills and will be able to contribute effectively as team members.
4. Graduates are able to read the signs of the time analyze and provide practical solutions.
5. Graduates imbued with ethical values and social concern will be able to understand and appreciate social harmony, cultural diversity ensure sustainable environment.

Programme Specific Objectives (PSOs)

On completion of the Programme, the Under Graduates will be able to;

1. Define and explain the concepts, principles and theories in Economics.
2. Demonstrate and interpret the applications of programmes and policies in Economics and Environment.
3. Infer and apply basic quantitative techniques and modern tools in research for economic and social development.
4. Experiment and analyse the knowledge of the subject in managerial skills, entrepreneurial skills and innovative ideas with ethical values.
5. Compare and contrast the domestic and international business, finance and economic relations on par with global competitiveness.

PROGRAMME STRUCTURE					
Part	Semester	Specification	No. of Courses	Hours	Credits
1	1 - 4	Languages (Tamil / Hindi/ French/ Sanskrit)	4	17	12
2	1 - 4	General English	4	20	12
3	1 - 6	Core Course	12	75	56
	1, 2	Allied Course	2	10	6
	3, 4	Allied Optional	2	12	8
	5, 6	Discipline Specific Elective	4	20	12
	5	Internship	1	-	1
	5	Self-paced Learning	1	-	2
	5	Project Work and Viva Voce	1	-	2
	5	Comprehensive Examination	1	-	2
4	1	Foundation Course	1	2	1
	1	Skill Enhancement Course (Non-Major Elective)	1	2	1
	5	Skill Enhancement Course (Soft Skills)	1	2	1
	6	Skill Enhancement Course (WS)	1	2	1
	1 - 4	Value Education	4	8	4
	1, 2	Ability Enhancement Compulsory Course	2	2(6)	4
	5, 6	Generic Elective	2	8	4
5	2 - 6	Outreach Programme (SHEPHERD)	-	-	4
	2 - 6	Extra Credit Courses (MOOC)/Certificate Courses	(5)	-	(15)
		Total	44(5)	180(6)	133(15)

PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	Part	Course Code	Title of the Course	Hours	Credits	CIA	SE	Final
1	1	23UTA11GL01A	General Tamil - 1	5	3	100	100	100
		23UFR11GL01	French - 1					
		23UHI11GL01	Hindi - 1					
		23USA11GL01	Sanskrit - 1					
	2	23UEN12GE01	General English - 1	5	3	100	100	100
	3	23UEC13CC01	Core Course - 1: Microeconomics - 1	5	4	100	100	100
		23UEC13CC02	Core Course - 2: Statistics for Economics - 1	5	4	100	100	100
		23UEC13AC01A	Allied Course - 1: Fundamentals of Management	4	2	100	100	100
		23UEC13AC01B	Allied Course - 1: Introduction to Sociology					
	4	23UEC14FC01	Foundation Course: Business Communication	2	1	100	-	100
		-	Skill Enhancement Course - 1: (Non Major Elective) Refer ANNEXURE 1	2	1	100	-	100
		23UHE14VE01	Value Education - 1: Essentials of Humanity*	2	1	50	50	50
		23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English	(6)	3	100	-	100
Total				30	22			
2	1	23UTA21GL02	General Tamil - 2	4	3	100	100	100
		23UFR21GL02	French - 2					
		23UHI21GL02	Hindi - 2					
		23USA21GL02	Sanskrit - 2					
	2	23UEN22GE02	General English - 2	5	3	100	100	100
	3	23UEC23CC03	Core Course - 3: Microeconomics - 2	6	4	100	100	100
		23UEC23CC04	Core Course - 4: Indian Economic Development	5	4	100	100	100
		23UEC23AC02	Allied Course - 2: Statistics for Economics - 2	6	4	100	100	100
	4	23UHE24VE02	Value Education - 2: Fundamentals of Human Rights*	2	1	50	50	50
		23UHE24AE01	Ability Enhancement Compulsory Course - 2: Environmental Studies*	2	1	50	50	50
		-	Extra Credit Courses (MOOC/Certificate Courses) - 1			(3)		
Total				30	20(3)			
3	1	23UTA31GL03	General Tamil - 3	4	3	100	100	100
		23UFR31GL03	French - 3					
		23UHI31GL03	Hindi - 3					
		23USA31GL03	Sanskrit - 3					
	2	23UEN32GE03	General English - 3	5	3	100	100	100
	3	23UEC33CC05	Core Course: 5: Macroeconomics - 1	7	5	100	100	100
		23UEC33CC06	Core Course: 6: Development Economics	6	5	100	100	100
		23UEC33AO01A	Allied Optional - 1: Mathematical Methods in Economics - 1	6	4	100	100	100
		23UEC33AO01B	Allied Optional - 1: Data Analysis for Economics					
	4	23UHE34VE03A	Value Education - 3: Social Ethics - 1*	2	1	50	50	50
23UHE34VE03B		Value Education - 3: Religious Doctrine - 1*						
	-	Extra Credit Courses (MOOC/Certificate Courses) - 2			(3)			
Total				30	21(3)			

4	1	23UTA41GL04C	General Tamil - 4: வணிகத் தமிழ் (Business Tamil)	4	3	100	100	100
		23UFR41GL04	French - 4					
		23UHI41GL04	Hindi - 4					
		23USA41GL04	Sanskrit - 4					
	2	23UEN42GE04	General English - 4	5	3	100	100	100
	3	23UEC43CC07	Core Course - 7: Macroeconomics - 2	7	5	100	100	100
		23UEC43CC08	Core Course - 8: Labour Economics	6	5	100	100	100
		23UEC43AO02A	Allied Optional - 2: Mathematical Methods in Economics - 2	6	4	100	100	100
	4	23UEC43AO02B	Allied Optional - 2: Entrepreneurial Development					
		23UHE44VE04A	Value Education - 4: Social Ethics - 2*	2	1	50	50	50
	23UHE44VE04B	Value Education - 4: Religious Doctrine - 2*	2	1	50	50	50	
	-	Extra Credit Courses (MOOC/Certificate Courses) - 3	-	(3)				
Total			30	21(3)				
5	3	23UEC53CC09	Core Course - 9: Basic Econometrics	7	5	100	100	100
		23UEC53CC10	Core Course - 10: Money and Banking	7	5	100	100	100
		23UEC53ES01A	Discipline Specific Elective - 1: Fundamentals of Research in Economics	5	3	100	100	100
		23UEC53ES01B	Discipline Specific Elective - 1: Economics of Health and Education					
		23UEC53ES02A	Discipline Specific Elective - 2: Economics of Infrastructure	5	3	100	100	100
		23UEC53ES02B	Discipline Specific Elective - 2: Environmental Economics					
		23UEC53IS01	Internship	-	1	100	-	100
	23UEC53SP01	Self-paced Learning: Principles of Political Economy*	-	2	50	50	50	
	4	-	Generic Elective - 1: Refer ANNEXURE 2	4	2	100	100	100
		23USS54SE01	Skill Enhancement Course - 2: Soft Skills	2	1	100	-	100
	-	Extra Credit Courses (MOOC/Certificate Courses) - 4	-	(3)				
Total			30	22(3)				
6	3	23UEC63CC11	Core Course - 11: History of Economic Thought	7	5	100	100	100
		23UEC63CC12	Core Course - 12: Public Finance	7	5	100	100	100
		23UEC63ES03A	Discipline Specific Elective - 3: International Economics	5	3	100	100	100
		23UEC63ES03B	Discipline Specific Elective - 3: Money and Financial Markets					
		23UEC63ES04A	Discipline Specific Elective - 4: Tamil Nadu Economy	5	3	100	100	100
		23UEC63ES04B	Discipline Specific Elective - 4: Economics of Gender Development					
		23UEC63PW01	Project Work and Viva Voce	-	2	100	100	100
	23UEC63CE01	Comprehensive Examination*	-	2	50	50	50	
	4	-	Generic Elective - 2: Refer ANNEXURE 3	4	2	100	100	100
		-	Skill Enhancement Course - 3 (WS): Refer ANNEXURE 4	2	1	100	-	100
	-	Extra Credit Courses (MOOC/Certificate Courses) - 5	-	(3)				
Total			30	23(3)				
2 - 6	5	23UCW65OR01	Outreach Programme (SHEPHERD)	-	4			
1 - 6	Total (3 years)			180	133(15)			

*- for grade calculation 50 marks are converted into 100 in the mark statements

Passed by	Board of Studies Meeting held on 20.12.2023
Approved by	48th Academic Council Meeting held on 27.03.2024

ANNEXURE 1**Skill Enhancement Course - 1: (Non-Major Elective)***

Department	Course Code	Title of the Course
Botany	23UBO14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Organic Farming
Computer Science	23UCS14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Office Automation
BCA	23UBC14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Fundamentals of Information Technology
Mathematics	23UMA14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Mathematics for Competitive Examinations
Statistics	23UST14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Basics of Statistics
Vis Com	23UVC14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Digital Storytelling and Scriptwriting
English	23UEN14SE01	Skill Enhancement Course - 1: (Non-Major Elective): English for Communication
History	23UHS14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Introduction to Tourism
Tamil	23UTA14SE01	Skill Enhancement Course - 1: (Non-Major Elective): பேச்சுக்கலைத் திறன் (Oratory Skills)
BBA	23UBU14SE01A	Skill Enhancement Course - 1: (Non-Major Elective): Practical Advertising
	23UBU14SE01B	Skill Enhancement Course - 1: (Non-Major Elective): Digital Marketing
B. Com	23UCO14SE01A	Skill Enhancement Course - 1: (Non-Major Elective): Introduction to Accounting
	23UCO14SE01B	Skill Enhancement Course - 1: (Non-Major Elective): Consumer Protection and Rights
B. Com CA	23UCC14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Entrepreneurship Skills
Chemistry	23UCH14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Role of Chemistry in Daily Life
Electronics	23UEL14SE01	Skill Enhancement Course - 1: (Non-Major Elective): Consumer Electronics
Physics	23UPH14SE01A	Skill Enhancement Course - 1: (Non-Major Elective): Physics for Everyday Life
	23UPH14SE01B	Skill Enhancement Course - 1: (Non-Major Elective): Home Electrical Installation

*Offered to students from other Departments

ANNEXURE 2
Generic Elective - 1*

Department	Course Code	Title of the Course
Botany	23UBO54EG01	Generic Elective - 1: Landscape designing
Computer Science	23UCS54EG01	Generic Elective - 1: Ethical Hacking
BCA	23UBC54EG01	Generic Elective - 1: Fundamentals of Data Science
Mathematics	23UMA54EG01	Generic Elective - 1: Numerical Ability
Statistics	23UST54EG01	Generic Elective - 1: Actuarial Statistics
Vis Com	23UVC54EG01	Generic Elective - 1: Media Education
English	23UEN54EG01	Generic Elective - 1: Film Studies
History	23UHS54EG01	Generic Elective-1: Tamil Heritage and Culture
Tamil	23UTA54EG01	Generic Elective - 1: தமிழிலக்கியத்தில் மனித உரிமைகள் (Human rights in Tamil literature)
BBA	23UBU54EG01A	Generic Elective - 1: Global Supply Chain Management
	23UBU54EG01B	Generic Elective - 1: Starts-ups and small Business Management
B.Com.	23UCO54EG01A	Generic Elective - 1: Computerised Accounting
	23UCO54EG01B	Generic Elective - 1: Basics of Excel
	23UCO54EG01C	Generic Elective - 1: Personal Investment Planning
B. Com CA	23UCC54EG01	Generic Elective - 1: E-commerce and E Business Management
Chemistry	23UCH54EG01	Generic Elective - 1: Health Science
Electronics	23UEL54EG01A	Generic Elective - 1: Everyday Electronics
	23UEL54EG01B	Generic Elective - 1: Wireless Communication
Physics	23UPH54EG01A	Generic Elective-1: Everyday Physics
	23UPH54EG01B	Generic Elective-1: Renewable Energy Physics

*Offered to students from other Departments

ANNEXURE 3
Generic Elective - 2*

Department	Course Code	Title of the Course
Botany	23UBO64EG02	Generic Elective - 2: Solid Waste Management
Computer Science	23UCS64EG02	Generic Elective - 2: 3D Printing and Design
BCA	23UBC64EG02	Generic Elective - 2: Industry 4.0
Mathematics	23UMA64EG02	Generic Elective - 2: Quantitative Techniques
Statistics	23UST64EG02	Generic Elective - 2: Applied Statistics
Vis Com	23UVC64EG02	Generic Elective - 2: Digital Media Production
English	23UEN64EG02	Generic Elective - 2: English for the Media
History	23UHS64EG02	Generic Elective - 2: Intellectual Revivalism in Tamil Nadu
Tamil	23UTA64EG02	Generic Elective - 2: தமிழர் மருத்துவம் (Tamil Medicine)
BBA	23UBU64EG02A	Generic Elective - 2: Personality Development
	23UBU64EG02B	Generic Elective - 2: NGO Management
B. Com	23UCO64EG02A	Generic Elective - 2: Rural Marketing
	23UCO64EG02B	Generic Elective - 2: Entrepreneurship Development
	23UCO64EG02C	Generic Elective - 2: Digital Marketing
B. Com CA	23UCC64EG02	Generic Elective - 2: Total Quality Management
Chemistry	23UCH64EG02	Generic Elective - 2: Solid Waste Management
Electronics	23UEL64EG02A	Generic Elective - 2: CCTV and Smart Security Systems
	23UEL64EG02B	Generic Elective - 2: Entrepreneurial Electronics
Physics	23UPH64EG02A	Generic Elective - 2: Laser Technology and its applications
	23UPH64EG02B	Generic Elective - 2: Physics of Earth

*Offered to students from other Departments

ANNEXURE 4
Skill Enhancement Course - 3 (WS)*

School	Course Code	Title of the Course
SMS	23UBU64SE02A	Skill Enhancement Course - 3 (WS): Practical Stock Trading
	23UBU64SE02B	Skill Enhancement Course - 3 (WS): Export Management
	23UCO64SE02A	Skill Enhancement Course - 3 (WS): MSMEs
	23UCO64SE02B	Skill Enhancement Course - 3 (WS): Digital Banking
	23UCO64SE02C	Skill Enhancement Course - 3 (WS): Relationship Marketing
	23UCC64SE02	Skill Enhancement Course - 3 (WS): Stress Management

**Offered to students from other Departments within School*

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UTA11GL01A	General Tamil - 1	5	3

கற்றலின் நோக்கங்கள்
தமிழ்ச் செவ்வியல் இலக்கியங்களையும் காப்பியங்களையும் மாணவர்கள் அறிந்துகொள்ளல்
தமிழர் பேணி வளர்த்த அறம்சார் விழுமியங்களை மாணவர்கள் தம் வாழ்வில் பின்பற்றுதல்
தமிழில் பக்தியுக்கப் பங்களிப்பையும் பகுத்தறிவுச் சிந்தனை மரபையும் உணர்தல்
மாணவர்கள் தம் எழுத்தாற்றலையும் மொழிப்புலமையையும் வளர்த்தெடுத்தல்
போட்டித்தேர்வுகளை எதிர்கொள்ளும் வகையில் இலக்கணம், இலக்கியம் கற்றல்

அலகு - 1 தமிழ் இலக்கிய, இலக்கண வரலாறு அறிமுகம்.

(10 மணி நேரம்)

1. இலக்கணம் :

அ.தொல்காப்பியம், இறையனார் களவியல் உரை , நம்பியகப் பொருள், புறப்பொருள் வெண்பா மாலை, நன்னூல், தண்டியலங்காரம், யாப்பருங்கலக்காரிகை- நூல்கள்

ஆ.மொழிப் பயிற்சி- ஒற்றுப்பிழை தவிர்த்தல்

- வல்லினம் மிகும் இடங்கள்
- வல்லினம் மிகா இடங்கள்
- ஈரொற்று வரும் இடங்கள்
- ஒரு, ஓர் வரும் இடங்கள்
- அது, அஃது வரும் இடங்கள்
- தான், தாம் வரும் இடங்கள்

பயிற்சி : வல்லினம் மிகும் இடங்கள், மிகா இடங்கள் தவறாக வரும்வகையில் ஒரு பத்தி கொடுத்து ஒற்றுப் பிழை திருத்தி எழுதச் செய்தல்.

2. சங்க இலக்கியம் - எட்டுத்தொகை, பத்துப்பாட்டு
3. அற இலக்கியம்-பதினெண்கீழ்க்கணக்கு நூல்கள்
4. காப்பிய இலக்கியம் - ஐம்பெருங் காப்பியங்கள், ஐஞ்சிறு காப்பியங்கள், சமயக் காப்பியங்கள்
5. பக்தி இலக்கியமும் (பன்னிரு திருமுறைகள், நாலாயிர திவ்வியப் பிரபந்தம் -- பகுத்தறிவு இலக்கியமும் (சித்தர் இலக்கியங்கள், புலவர் குழந்தையின் இராவண காவியம்)

அலகு - 2 சங்க இலக்கியம்

(15 மணி நேரம்)

எட்டுத்தொகை :

6. நற்றிணை-முதல் பாடல் -நின்ற சொல்லர்
 7. குறுந்தொகை 3 ஆம் பாடல் -நிலத்தினும் பெரிதே
 8. ஐங்குறுநூறு -நெல் பல பொலிக! பொன் பெரிது சிறக்க!' (முதல் பாடல்)-வேட்கைப் பத்து
 9. கலித்தொகை- 51 - சுடர்த்தொடிக் கேளாய் -குறிஞ்சிக் கலி
 10. புறநானூறு -189 தெண்கடல் வளாகம் பொதுமையின்றி, நாடா கொன்றோ -187
- பத்துப்பாட்டு:**
முல்லைப்பாட்டு (முழுவதும்)

அலகு - 3 அற இலக்கியம்

(10 மணி நேரம்)

12. திருக்குறள் -அறன் வலியுறுத்தல் அதிகாரம்
13. நாலடியார்-பாடல்: 131 (குஞ்சியழகும்)
14. நான்மணிக்கடிகை-நிலத்துக்கு அணியென்ப
15. பழமொழி நானூறு- தம் நடை நோக்கார்
16. இனியவை நாற்பது- 37. இளமையை மூப்பு என்று

அலகு - 4 காப்பிய இலக்கியம்

(20 மணி நேரம்)

17. சிலப்பதிகாரம் - வழக்குரைகாதை

18. மணிமேகலை- பாத்திரம் பெற்ற காதை
19. பெரியபுராணம் - பூசலார் நாயனார்புராணம்
20. கம்பராமாயணம்- குகப் படலம்
21. சீறாப்புராணம் - மானுக்குப் பிணை நின்ற படலம்
22. இயேசு காவியம் - ஊதாரிப்பிள்ளை

அலகு - 5 பக்தி இலக்கியமும், பகுத்தறிவு இலக்கியமும்

(15 மணி நேரம்)

23. பக்தி இலக்கியம்:

- திருநாவுக்கரசர் தேவாரம் - நாமார்க்கும் குடியல்லேம் எனத் தொடங்கும் பாடல் மட்டும்
- மாணிக்கவாசகர் கிருவாசகர் - ஈழச்சிவாய வாழ்க நாதன்தாள் வாழ்க முதல் சிரம்குவிவார் ஓங்குவிக்கும் சீரோன் கழல் வெல்க வரை
- பொய்கையாழ்வார்-வையந் தகளியா வர்கடலே
- பூதத்தாழ்வார்-அன்பே தகளியா
- பேயாழ்வார்-திருக்கண்டேன் பொன்மேனி கண்டேன்
- ஆண்டாள் - திருப்பாவை மார்கழித் திங்கள் (முதல் பாடல்)

24. பகுத்தறிவு இலக்கியம் :

- திருமூலர் - திருமந்திரம் (270,271, 274, 275 285)
- பட்டினத்தார் - திருவிடை மருதூர் (காடே திரிந்து - எனத் தொடங்கும் பாடல்
- பா.எண்.279, 280)
- கடுவெளி சித்தர் - பாபஞ்செய் யாதிரு மனமே (பாடல் முழுவதும்)
- இராவண காவியம் - தாய்மொழிப் படலம் - 18. (ஏடுகை யில்லா ரில்லை முதல் - 22. செந்தமிழ் வளர்த்தார் வரை)

கற்பித்தல் முறை	விரிவுரை (Lecture), காணொளிக் காட்சி (Videos), விளக்கக் காட்சி (PPT presentation)
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பாடநூல்

1. பொதுத்தமிழ்-1 (தமிழ் இலக்கிய வரலாறு-1), தமிழாய்வுத்துறை, தூய வளனார் தன்னாட்சிக் கல்லூரி, திருச்சிராப்பள்ளி - 620 002, முதற்பதிப்பு - 2023
2. பார்வை நூல்கள்
3. வரதராசன்.மு., தமிழ் இலக்கிய வரலாறு, சாகித்ய அக்காதெமி, புதுடெல்லி. 2021
4. விமலானந்தன். மது. ச., தமிழ் இலக்கிய வரலாறு, முல்லை நிலையம், சென்னை, 2019
5. தமிழண்ணல், புதிய நோக்கில் தமிழ் இலக்கிய வரலாறு, பாரி நிலையம், சென்னை, 2022
6. சிற்பி பாலசுப்பிரமணியன் & சேதுபதி.சொ., தமிழ் இலக்கிய வரலாறு, கவிதா வெளியீடு, சென்னை, 2015
7. சிற்பி பாலசுப்பிரமணியன், & பத்மநாபன். நீல., புதிய தமிழ் இலக்கிய வரலாறு (3 தொகுதிகள்), சாகித்ய அக்காதெமி, புதுடெல்லி, 2013
8. பெருமாள். அ.கா., தமிழ் இலக்கிய வரலாறு, சுதர்சன் புகல், நாகர்கோவில், 2014
9. ஏசுதாசன். ப.ச., தமிழ் இலக்கிய வரலாறு, நியூ செஞ்சுரி புக ஹவுஸ், சென்னை, 2015
10. ஸ்ரீகுமார். எஸ்., தமிழ் இலக்கிய வரலாறு, ஸ்ரீசெண்பகா பதிப்பகம், சென்னை, 2014
11. பாக்கியமேரி எஃப்., வகைமை நோக்கில் தமிழ் இலக்கிய வரலாறு, பூவேந்தன் பதிப்பகம், சென்னை, 2022
12. சுப்புரெட்டியார்.ந., தமிழ் பயிற்றும் முறை, மணிவாசகர் நூலகம், சிதம்பரம், 1980

Websites and eLearning Sources

1. <https://www.chennaiibrary.com/>
2. <https://www.sirukathaigal.com>
3. <https://www.tamilvirtualuniversity.org>
4. <https://www.noolulagam.com>
5. <https://www.katuraitamilblogspot.com>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	இப்பாடத்தின் நிறைவில் மாணவர்கள்	
CO1	சங்க இலக்கியங்கள்வழி பண்டைத்தமிழரின் வாழ்வியலையும் பண்பாட்டையும் அறிந்து கொள்வர்	K1
CO2	அற இலக்கியங்கள், காப்பியங்கள் வெளிப்படுத்தும் அறம்சார் விழுமியங்களைத் தம் வாழ்வில் பின்பற்றுவர்	K2
CO3	இலக்கணக் கோட்பாடுகளை இக்கால வாழ்வியலோடு பொருத்திப் பார்ப்பர்	K3
CO4	மொழியறிவோடு பெறுவர் திறன் பகுத்தாராயும் இலக்கியங்களைப்	K4
CO5	பக்தி இயக்கங்களின் செல்வாக்கையும், தமிழரின் பகுத்தறிவு மரபையும் மதிப்பிடுவர்	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
1	23UTA11GL01A		General Tamil - 1							5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO 1	PSO2	PSO3	PSO4	PSO5	
CO1	1	2	3	2	2	3	3	2	2	2	2.2
CO2	2	2	3	2	2	2	3	2	3	2	2.3
CO3	1	2	2	3	2	2	2	3	3	3	2.3
CO4	2	2	3	2	2	3	2	3	3	2	2.4
CO5	3	1	2	2	2	2	3	2	3	3	2.3
Mean Overall Score											2.3 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UFR11GL01	French - 1	5	3

Course Objectives
Identify the basic French sentence structure
Define and describe the various grammatical tenses and use them to communicate in French
Examine the various documents presented and discuss and reply to the questions asked on it
Analyze and interpret expressions used to convey the cause, the effect, the purpose, and the opposition in French
Evaluate the grammatical nature present in passages

UNIT I (15 Hours)

- Salut ! Enchanté

UNIT II (15 Hours)

- J'adore

UNIT III (15 Hours)

- Tu veux bien ?

UNIT IV (15 Hours)

- On se voit quand ?

UNIT V (15 Hours)

- Bonne idée

Teaching Methodology	Videos, Audios, PPT presentation, Role-play, Quiz
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Book for Study

1. Mérieux, R. & Loiseau, Y. (2017). *Latitudes -1- (A1 /A2)*, méthode de français, Didier. (Units 1 - 6 only)

Books for Reference

1. P.Dauda,L.Giachino and C.Baracco, *Generation AI*, Didier, Paris 2020.
2. J.Girardet and J.Pecheur, *Echo AI*, CLE International, 2^eedition ,2017
3. Isabelle Fournier, *Talk French*, Goyal Publishers, 2011

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1. <https://www.wikihow.com/Pronounce-the-Letters-of-the-French-Alphabet>
2. <https://français.lingolia.com/en/grammar/tenses/le-present>
3. <https://www.lawlessfrench.com/grammar/articles/>
4. <https://www.frenchpod101.com/french-vocabulary-lists/10-lines-you-need-for-introducing-yourself>
5. <https://www.tolearnfrench.com/exercices/exercice-french-2/exercice-french-3295.php>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	recall and remember the usage of grammatical tenses in constructing sentences in a dialogue.	K1
CO2	apply the learnt grammar rules in practice exercises to improve their understanding	K2
CO3	explain the nuances in the usage of various grammatical tenses and their aspects	K3
CO4	demonstrate knowledge of various expressions used to express opinions, emotions, cause, effect, purpose, and hypothesis in French	K4
CO5	communicate in French and summarize a given text	K5

Relationship Matrix												
Semester	Course Code	Title of the Course					Hours	Credits				
1	23UFR11GL01	French - 1					5	3				
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	1	3	1	3	3	2	3	2	2.4	
CO2	2	3	3	2	1	3	3	3	3	2	2.5	
CO3	1	3	2	1	2	2	2	2	3	2	2.0	
CO4	3	3	3	3	3	3	3	2	3	2	2.8	
CO5	3	3	3	3	2	3	3	3	3	2	2.8	
Mean Overall Score											2.5 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UHI11GL01	Hindi - 1	5	3

Course Objectives

To understand the basics of Hindi Language
To make the students to be familiar with the Hindi words
To enable the students to develop their effective communicative skills in Hindi.
To introduce the socially relevant subjects in Modern Hindu Literature
To empower the students with globally employable soft skills

UNIT I: Buniyadi Hindi (15 Hours)

- Swar
- Vyanjan
- Barah Khadi
- Shabd aur
- Vakya Rachna

UNIT II: Hindi Shabdavali (15 Hours)

- Rishto ke Naam
- Gharelu padartho ke Naam

UNIT III: Vyakaran (15 Hours)

- Sadharan Vakya aur Sangya
- Sarvanam
- Visheshan
- Kriya aadi shabdo ka prayog

UNIT IV: Chote Gadyansh ka pattan (15 Hours)

- Bacho ki Kahaniya
- Patra-Patrikao mein prakashit Gadyansho ka Pathan

UNIT V: Nibandh (15 Hours)

- Sant Tiruvalluvar
- E.V.R Thandai Periyar
- Naari Sashaktikaran
- Paryavaran Sanrakshan
- Vibhinna pratiyogi parikshao ke bare mein jaankari dena
- Pratiyogi priksha par adharit nibandho dwara bhasha ki kshamta badhane vale prashikshan kary.

Teaching Methodology	Videos, PPT, Quiz, Group Discussion, Project Work.
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Books for Study

1. Gupth, M.K. (2020). *Hindi Vyakaran*, Anand Prakashan, Kolkatta.
2. Tripaty, V. (2018). *Kuchh Kahaniyan*, Rajkamal Prakashan Pvt. Ltd, New Delhi.
3. Jain, S.K. (2019). *Anuwad: Siddhant Evam Vyavhar*, Kailash Pustak Sadan, Madhya Pradesh.

Books for Reference

1. Abdul Kalam, A. P.J. (2020). *Mere sapnom ka Bharath*, Prabath Prakashan, Noida.
2. Singh, L.P. (2017). *Kavya ke sopan*, Bharathy Bhavan Prakashan.
3. Kumar, A. (2019). *Sampoorna Hindi Vyakaran our Rachana*, Lucent publisher.

4. (2018). *Adhunik Hindi Vyakaran our Rachana*, Bharati Bhavan Publishers & distributors.
5. Shukla, A.R. (2022). *Hindi Sahitya Ka Itihas*, Prabhat Prakashan.

Websites and e-Learning Sources

1. <https://learningmole.com/hindi-alphabet-letters-pronunciation-guide/>
2. <https://www.careerpower.in/hindi-alphabet-varnamala.html>
3. <https://www.youtube.com/watch?v=b0UvXnIC8qc>
4. <https://www.importanceoflanguages.com/learn-hindi-language-guide/>
5. <https://parikshapoint.com/hindi-sahitya/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of the course, the student will be able to	
CO1	introduction to Hindi sounds	K1
CO2	acquisition of Hindi Vocabulary	K2
CO3	sentence formation in Hindi	K3
CO4	reading of stories and other passages	K4
CO5	modules to increase language ability through general essays based on competitive exams	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UHI11GL01	Hindi - 1									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	2	1	3	3	3	1	3	2	2.3	
CO2	2	3	2	3	1	2	3	3	3	2	2.4	
CO3	3	2	2	2	1	3	2	3	2	3	2.3	
CO4	3	1	2	3	2	3	2	3	3	2	2.4	
CO5	2	3	3	2	3	2	3	3	1	3	2.5	
Mean Overall Score											2.38 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23USA11GL01	Sanskrit - 1	5	3

Course Objectives
To help the students learn the alphabets of Sanskrit.
To understand the Sanskrit grammar and sabdas.
To have an idea of the epics.
To closely understand the literary works in Sanskrit with special reference to Pancamahakavyas.
To understand the Raghuvasa Mahakava and Kalidasa.

UNIT I (15 Hours)

Introduction to Sanskrit (Alphabets, Two letter words and three letter words)

Grammar:

akārāntahpumlīṅgaḥśabda-s - 1. बाल (Bāla) and 2. देवे (Deva) *ākārāntahstrīlīṅgaḥśabda-s* - 1. बाला (Bālā) and 2. लता (Latā) *akārāntahnapuṃsakalīṅgaḥśabda-s* -

1. फल (Phala) and 2. वन (Vana)

UNIT II (15 Hours)

Introduction to *Rāmāyana, Kālidāsa* and his poetic works

Text: *Raghuvamśa* (Canto I) Verses 1-15

UNIT III (15 Hours)

Introduction to the works of *Bhāravi* -

Text: *Raghuvamśa* (canto I) Verses 16-30

UNIT IV (15 Hours)

Introduction to the works of *ŚrīHarṣa* -

Text: *Raghuvamśa* (Canto I) Verses 31-45

UNIT V (15 Hours)

Grammar:

Conjugations -*Laṭlakāra-s* - (Present tense)

(i) गच्छत (Gacchati) (ii) ततष्ठत (Tiṣṭhati) (iii) पठत (Paṭhati)

(iv) नृत्यत (Nr̥tyati) (v) कुप्यत (Kupyati) (vi) कथयत (Kathayati)

(vii) गणयत (Gaṇayati) (viii) अतत (Asti)

(ix) करोत (Karoti) (x) शृणोत (Śṛṇoti)

Indeclinables (Avyayaani) - अतप (api), कदा (kadā), च (ca), अद्य (adya), तवना (vinā), सह (saha), तत्र (tatra), कम् (kim), यद् (yadi) - तर्ह (tarhi), यथा (yathā) - तथा (tathā) Prefixes (Upasargas) - आङ् (āñ), तव (vi), परर (pari), अनु (anu),

अति (adhi), उत् (ut), प्रत (prati), उप (upa), प्र (pra) तनर् (nir)

Teaching Methodology	Videos, PPT, demonstration.
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Book for Study

1. Murugan, C., et al. (eds.). (2022). *Kalasala Samskrta Sukha Bodhini I* (for under graduate foundation course) Published by University of Madras.

Book for Reference

1. Vadhyar, R.S. (2017). *Shabdha manjari*, R.S. Vadyar & Sons, Palakkad.

Websites and e-Learning Sources

1. <https://www.arlingtoncenter.org/Sanskrit%20Alphabet.pdf>

2. <https://courses.lumenlearning.com/suny-hccc-worldcivilization/chapter/sanskrit/>
3. https://www.newworldencyclopedia.org/entry/Sanskrit_literature
4. <https://archive.org/details/AShortHistoryOfsanskritLiterature>
5. https://archive.org/details/raghuvamsha_with_sanjivini_edited_by_mr_kale

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	remember the usage of grammatical tenses in constructing sentences in dialogue.	K1
CO2	apply the rules of usage in practice exercises and identify errors	K2
CO3	explain the nuances in the usage of various grammatical tenses and aspects	K3
CO4	demonstrate knowledge of various expressions of opinion, emotions, cause, effect, purpose, and hypothesis in French	K4
CO5	communicate in French and summarize the given text	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
1	23USA11GL01		Sanskrit - 1							5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	1	3	2	3	1	3	2	3	2	2	2.1
CO2	2	3	2	3	1	2	2	3	2	3	2.5
CO3	3	2	2	2	2	2	3	2	3	2	2.1
CO4	3	2	3	2	2	3	3	2	3	2	2.4
CO5	3	2	3	3	2	2	3	2	3	3	2.3
Mean Overall Score										2.34 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEN12GE01	General English - 1	5	3

Course Objectives

To enable learners to acquire self awareness and positive thinking required in various life situations

To help them acquire the attribute of empathy

To assist them in acquiring creative and critical thinking abilities

To enable them to learn the basic grammar

To assist them in developing LSRW skills

UNIT I: Self-awareness ELF-A (WHO) & Positive Thinking (UNICEF) (15 Hours)

Life Story

- Chapter 1 from Malala Yousafzai, I am Malala
- An Autobiography or The Story of My Experiments with Truth (Chapters 1, 2 & 3) M.K. Gandhi

Poem

- Where the Mind is Without Fear - Gitanjali 35 - Rabindranath Tagore
- Love Cycle - Chinua Achebe

UNIT II: Empathy (15 Hours)

Poem

- Nine Gold Medals - David Roth
- Alice Fell or poverty - William Wordsworth

Short Story

- The School for Sympathy - E.V. Lucas
- Barn Burning - William Faulkner

UNIT III: Parts of Speech (15 Hours)

- Articles
- Noun
- Pronoun
- Verb
- Adverb
- Adjective
- Preposition

UNIT IV: Critical & Creative Thinking. (15 Hours)

Poem

- The Things That Haven't Been Done Before - Edgar Guest
- Stopping by the Woods on a Snowy Evening - Robert Frost

Readers Theatre

- The Magic Brocade - A Tale of China
- Stories on Stage - Aaron Shepard (Three Sideway Stories from Wayside School" by Louis Sachar)

Unit V: Paragraph and Essay Writing (15 Hours)

- Descriptive
- Expository
- Persuasive
- Narrative
- Reading Comprehension

Teaching Methodology	Interactive methods, and multimedia presentations
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Books for Study

1. Yousafzai, M. (2013). *I am Malala*, Little. Brown and Company.
2. Gandhi, M. K. (2011). *An Autobiography or The Story of My Experiments with Truth (Chapter - I)*. Rupa Publications.
3. Tagore, R. (1913). "*Gitanjali 35*" from *Gitanjali (Song Offerings): A Collection of Prose Translations Made by the Author from the Original Bengali*. MacMillan.
4. Shepard, A. (2017). *Stories on Stage*. Shepard Publications.

Books for Reference

1. Krishnasamy. N. (1975). *Modern English: A Book of Grammar, Usage and Composition*. Macmillan.
2. Nesfield, J. C. (2019). *English Grammar Composition and Usage*. Macmillan.

Websites and eLearning Sources

1. <https://archive.org/details/i-am-malala>
2. <https://www.indiastudychannel.com/resources/146521-Book-Review-An-Autobiography-or-The-story-of-my-experiments-with-Truth.aspx>
3. <https://www.poetryfoundation.org/poems/45668/gitanjali-35>
4. <https://amzn.eu/d/9rVzINv>
5. <https://archive.org/details/in.ernet.dli.2015.44179>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	discover self awareness and positive thinking required in various life situations	K1
CO2	classify the attributes of empathy	K2
CO3	apply creative and critical thinking skills	K3
CO4	focus on grammar for functional purposes	K4
CO5	integrate the LSRW skills for effective communication	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UEN12GE01	General English - 1									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	3	3	3	3	3	3	3	
CO2	2	3	3	3	2	3	3	3	3	3	2.5	
CO3	3	3	3	2	3	3	3	3	3	2	2.8	
CO4	3	3	3	3	3	3	3	3	3	3	3	
CO5	3	2	3	3	3	3	3	3	3	3	2.8	
Mean Overall Score											2.82 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEC13CC01	Core Course -1: Microeconomics -1	5	4

Course Objectives
To Equip the economic behaviours of individual units of the society
To describes the consumer behaviour and utility analysis
To impart knowledge on demand and supply concepts
To identify the relevance of Production and returns to scale of Production
To identify the relevance of Production and returns to scale of Production

UNIT I : Basic Concepts (15 Hours)
 Definitions of Economics- Nature and Scope of Microeconomics -Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms -Decision Making-Rationality: Self-Interest - Trade-offs -Fundamental Economic Problems -Market Mechanism and Resource Allocation.

UNIT II : Utility Analysis (15 Hours)
 Utility-Ordinal and Cardinal Utility-Total and Marginal Utility - Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves- Properties-Marginal Rate of Substitution- Budget Line - Price and Substitution Effects-Optimal Consumer Choice - Revealed Preference Theory - Samuelson and Hicks' Approach

UNIT III : Demand and Supply Analysis (15 Hours)
 Demand - Types of Goods -Law of Demand - Determinants - Exceptions - Giffen Paradox - Veblen Effect- Elasticity of Demand: Types - Engel's Law -Supply - Law of Supply -Determinants -Elasticity of Supply and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus

UNIT IV : Production Analysis (15 Hours)
 Production Function- Law of Variable Proportions- Laws of Returns to Scale-Isoquant's-Types of Production Function - Cobb-Douglas and Constant Elasticity of Substitution(CES) Production Function -Economies and Diseconomies of Scale

UNIT V : Cost and Revenue Concepts (15 Hours)
 Costs - Fixed and Variable Costs - Average, Marginal, and Total Costs - Short Run and Long Run Costs - Implicit, Explicit, Sunk and Imputed Cost - Revenue - Total, Average and Marginal Revenue - Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.

Teaching Methodology	PPTs, ICT, Brainstorming method, Written assignment on Current Issues, Preparation of PPTs by the students, Students are encouraged to handle seminar, Students are motivated to do online quizzing through Jostel.
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Books for Study

1. Pindyck, R. & Rubinfeld, D.L. (2001). *Micro economics*. Macmillan.
2. Varian, H.R. (2004). *Intermediate micro economics*. East-West Press.
3. Krugman, P., & Wells, R. (2020). *Micro economics*. Worth Publishers.
4. Ahuja, H. L. (2016). *Principles of microeconomics*. S.Chand.
5. Taylor, T., Greenlaw, S. A. & Shapiro, D. (2017). *Principles of economics*. 12th Media Services.

Book for Reference

1. Koutsoyiannis. (2003). *Modern microeconomics palgrave macmillan*, (2nd Ed.).
2. Mankiw, G. (2012). *Principles of microeconomics*. Cengage.
3. Dwivedi, D. N. (2002). *Microeconomics: Theory and applications*. (2nd Ed.). Pearson.

4. Ferguson, C. E. (1970). *Micro economic theory*. Homewood.
5. Case, K. E., & Fair, R. C. (2007). *Principles of economics*. Pearson Prentice Hall Inc.

Websites and eLearning Sources

1. <http://www.econlib.org/library/enc/microeconomics.html>
2. <https://www.tutor2u.net/economics>
3. <https://www.economicsnetwork.ac.uk/>
4. <https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics>
5. <http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, the students will be able to	
CO1	understand the meaning of basic concepts and the need for the study of Microeconomics.	K1
CO2	evaluate the Types of Utility and Consumer Behaviour.	K2
CO3	acquire knowledge on various market equilibrium, Demand and Supply Functions	K3
CO4	understand the meaning of Production Functions	K4
CO5	understand the theory of firms, Cost and Revenue	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
1	23UEC13CC01	Core Course - 1: Microeconomics - 1								5	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
Mean Overall Score										2.44 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEC13CC02	Core Course - 2: Statistics for Economics -1	5	4

Course Objectives
To know the nature and scope of statistics and its applications
To teach students Collection, Classification, Analyzing and Presentation of data
To apply the measures of central tendency
To draw measurement of dispersion and its applications
To analyze correlation and regression and its applications

UNIT I: Introduction and Collection of Data (15 Hours)

Introduction - Nature and Scope of Statistics - Functions, Uses and Limitations of Statistics - Data Collection - Primary and Secondary Data -Tools for collecting Primary Data - Requisites of Good Questionnaire - Sources of Secondary Data.

UNIT II: Classification and Presentation of Data (15 Hours)

Classification and Tabulation of Data- Types - Frequency Distribution -- Cumulative Frequency Distribution- Class Interval - Diagrams - Types- Graphical Representation- Histogram - Frequency Polygon - Ogive Curve - Lorenz Curve.

UNIT III: Measures of Central Tendency (15 Hours)

Measures of Central Tendency- Requisites of a Good Average - Arithmetic Mean, Median, and Mode - Relative Merits and Demerits.

UNIT IV: Measures of Dispersion (15 Hours)

Absolute and Relative Measures of Dispersion - Range - Quartile Deviation - Mean Deviation - Standard Deviation - Variance - Coefficient of Variation --Skewness and Kurtosis.

UNIT V: Correlation and Regression (15 Hours)

Correlation - Types of Correlation - Methods -Karl Pearson's Co-efficient of Correlation -- Spearman's Rank Correlation - Regression Equations - Distinction between Correlation and Regression Analysis.

Teaching Methodology	PPTs -Brainstorming method-Written assignment on Current Issues- Preparation of PPTs by the students-Students are encouraged to handle seminar-Students are motivated to do online quizzing through Jostel
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Books for Study

1. Gupta, S. P. (2005). *Statistical Methods*. Sultan Chand and Sons.
2. Sancheti, D. C., & Kapoor, V. K. (2005). *Statistical Theory Method and Application*. Sultan Chand and Sons.
3. Iyengar, T.V.K., Gandhi, B.K., Ranganantham, S., & Prasad, M. V. S. S. N. (2020). *Probability and Statistics*. S. Chand and Co.
4. Vekatachalapathy, S.G., & Premraj, H. (2018). *Statistical Methods*. Margham Publications.
5. Salvatore, D., & Reagle, D. (2002). *Theory and Problems of Statistics and Econometrics*. McGraw Hill.

Books for Reference

1. Saxena, H. C. (2016). *Elementary Statistics*. S Chand and Company.
2. Elhance, D. N. (2004). *Fundamentals of Statistics*. KitabMahal.
3. Manoharan, M. (2010). *"Statistical Methods"*. Palani Paramount Publications.
4. Pillai, R. S. N., & Bagavathi, V. (2010). *Statistics*. Sultan Chand and Sons.
5. Sachdeva, S. (2014). *Statistics*. Lakshmi Narain Agarwal.

Websites and eLearning Sources

1. <https://www.cuemath.com/data/statistics/>
2. <https://stattrek.com/statistics/resources>
3. <https://testbook.com/learn/maths-mean-median-mode/>

4. <https://www.statistics.com/>
5. <https://thisisstatistics.org/students/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, the students will be able to	
CO1	understand the overview of statistics and basic knowledge of statistical tools.	K1
CO2	differentiate Types of Data and its Classification	K2
CO3	explain the concept of Averages and its application	K3
CO4	know the concept of Dispersion and its application	K4
CO5	calculate Correlation and estimate values using Regression	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
1	23UEC13CC02	Core Course - 2: Statistics for Economics - 1								5	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
Mean Overall Score										2.44 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEC13AC01A	Allied Course - 1: Fundamentals of Management	4	2

Course Objectives
To provide students with the basic concepts of Management
To probe the planning concepts and its objectives
To analyze the Organizational Levels in an Organization
To describes the motivation and satisfaction and its elements
To know the importance of Quality Checks

UNIT I: Introduction (12 Hours)
Management - Definition-scope - Schools of Thought in Management-Levels of Management-Role and Functions of a Manager

UNIT II: Planning (12 Hours)
Planning: Concept, Objectives, Nature, Limitation, Process of planning, Importance, Forms, Techniques and Process of decision making.

UNIT III: Organisational Levels (12 Hours)
Types of Business Organizations - Structure- Span of Control - Departmentalisation Selection, Training and Development, Performance Management, Career Planning, and Management

UNIT IV: Directing (12 Hours)
Creativity and Innovation - Motivation and Satisfaction - Organization Culture - Elements and Types of Culture - Managing Cultural Diversity.

UNIT V: Controlling (12 Hours)
Process of Controlling - Types of Control - Budgetary and non-budgetary, Control Techniques - Managing Productivity - Cost Control - Purchase Control -Maintenance Control - Quality Control - Planning Operations.

Teaching Methodology	PPTs, ICT, Brainstorming method , Written assignment on Current Issues, Preparation of PPTs by the students, Students are encouraged to handle seminar, Students are motivated to do online quizzing through Jostel
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Books for Study

1. Robbins, S. A., Decenzo, D. A., & Coulter, M. (2011). *Fundamentals of management*, (7th Ed.). Pearson Education.
2. Tripathy, P. C., & Reddy, P. N. (1999). *Principles of management*. Tata McGraw Hill.
3. Pillai, R. S. N. & Kala, S. (2013). *Principles and practice of management*. S.Chand & Coand Company.
4. Griffin, R. (2016). *Fundamentals of management*. Cengage Learning.
5. Kumar, P., & Sachdeva, A. (2012). *Fundamentals of management*. S. Chand Publishing.

Books for Reference

1. Gupta, C. B. & Mathur, S. (2022). *Management principles and applications*. Scholar Tech Press.
2. Vasisth, N. & Vasishth, V. (2019). *Principles of management text & cases*. Taxman Publication.
3. Bhatiya, R. C. (2013). *Fundamentals of management*. S.K Kataria & Sons.
4. Prasad, L. M. (2021). *Principles and practice of management*.
5. Mishra, N., & Gupta, O. P. (2022). *Fundamentals of management*. SBPD Publishing House.

Websites and eLearning Sources

1. <http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf>
2. <https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-managementintroduction-and-concepts/>
3. <https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf>
4. <https://in.sagepub.com/en-in/sas/journal-of-management/journal201724>
5. <https://www.managementstudyhq.com/evolution-management-thought-theories.html>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, the students will be able to	
CO1	understand the foundations and importance of Management.	K1
CO2	demonstrate an understanding of Planning	K2
CO3	analyze the Organisational levels and Process of selection	K3
CO4	discuss the relevance of Organizational Culture	K4
CO5	examine the importance of quality control	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UEC13AC01A	Allied Course - 1: Fundamentals of Management									4	2
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	2	3	2	3	3	2	2	2	2.5	
CO2	3	3	2	2	2	3	3	2	3	3	2.6	
CO3	3	1	2	3	2	2	3	2	2	2	2.2	
CO4	3	2	2	2	1	3	3	2	2	2	2.2	
CO5	3	3	3	3	2	3	3	2	2	3	2.7	
Mean Overall Score											2.44 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEC13AC01B	Allied Course - 1: Introduction to Sociology	4	2

Course Objectives

To understand the nature and scope of sociology and its development
To identify the origin and development of sociology and its basic concepts
To evaluate stages and agencies of socialization
To understand social stratification and its determinants
To know the social change, evolution and revolution

UNIT I: Introduction (12 Hours)

Definition - Nature and Scope of Sociology -Origins and development of Sociology - Founding fathers and their contributions: Auguste Comte, Herbert Spencer, Karl Marx, Emile Durkheim and Max Weber -Sociology and other social sciences

UNIT II: Basic Concepts of Sociology (12 Hours)

Society, Community, Institutions, Association, Social Structure, Status - Role, Norms, and Values; Folkways and Mores, Associative and Dissociative processes - Cooperation- Assimilation- Accommodation- Competition and Conflict

UNIT III: Individual and Society (12 Hours)

Individual and Society- Socialization- Stages and Agencies of Socialization- Types of Groups - Primary and Secondary Groups, In-Group and Out-group, Reference Group.

UNIT IV: Social Stratification (12 Hours)

Social Stratification: Meaning, Definition and Dimensions -Social mobility and its determinants.

UNIT V: Social Change (12 Hours)

Meaning and Types: Evolution and Revolution, Progress and Development — Factors of Social Change- Culture and Civilization

Teaching Methodology	PPTs, ICT, Brainstorming method, Written assignment on Current Issues, Preparation of PPTs by the students, Students are encouraged to handle seminar, Students are motivated to do online quizzing through Jostel
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Book for Study

1. Bottomore, T. B. (1972). *Sociology: A guide to problems and literature*.
2. Jayaram, N. (1988). *Introductory sociology*. Madras: Macmillan.
3. Bhushan, D. R. S. V. (2020). *An Introduction to sociology*. Kitab Mahal.
4. Macionis, J. J. (2018). *Sociology*, (17th Ed.). Pearson.
5. Rao, C. N. S. (2019). *Sociology: Principles of sociology with an introduction to sociology thought*. S.Chand Publication.

Books for Reference

1. Allen, G., Unwin. & Harlambos, M. (1998). *Sociology: Themes and perspectives*. Oxford University Press.
2. Inkeles., & Alex. (1987). *What is sociology?*. Prentice-Hall of India.
3. Johnson., & Harry, M. (1995). *Sociology: A systematic introduction*. Allied Publishers.
4. Bhende, A., & Kanitkar, T. R. (1982). *Principles of population studies*. Himalaya Publishing House.
5. Bogue, D. J. (1969). *Principles of demography*. John Wiley.

Websites and eLearning Sources

1. <https://data.worldbank.org/indicator/SP.POP.TOTL>
2. <https://www.iom.int/>

3. <https://libguides.humdolt.edu>
4. <https://openstax.org/books/introduction-sociology-3e/>
5. <https://www.sociologygroup.com/important-books-free-notes-sociology-optional/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, the students will be able to	
CO1	understand the contributions of sociologists in the field of sociology	K1
CO2	understand the basic aspects of Sociology	K2
CO3	examine the impact of individuals, groups and society	K3
CO4	understand the dimensions of social stratification	K4
CO5	analyze and design Policy for social change	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
1	23UEC13AC01B	Allied Course - 1: Introduction to Sociology								4	2
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	3	2	2	2	2.5
CO2	3	3	2	2	2	3	3	2	3	3	2.6
CO3	3	1	2	3	2	2	3	2	2	2	2.2
CO4	3	2	2	2	1	3	3	2	2	2	2.2
CO5	3	3	3	3	2	3	3	2	2	3	2.7
Mean Overall Score										2.44 (High)	

Semester	Course code	Title of the Course	Hours/Week	Credits
1	23UEC14FC01	Foundation Course: Business Communication	2	1

Course Objectives
To know the meaning objectives and role of communication and media
To understand the need and importance of communication in management
To apply the need and function of business letter
To study the business correspondents with insurance and other organisation
To understand the meaning and importance of report writing

UNIT I: Communication (6 Hours)
 Communication: Meaning and Definition - Objectives - Role of Communication - Process and Elements of Communication - Communication Networks - Types and Media of Communication - Barriers to Communication - Characteristics for Successful Communication

UNIT II: Communication in Management (6 Hours)
 Management and Communication: Need and Importance of Communication in Management - Corporate Communication - Communication Training for Managers - Communication Structure in an Organization.

UNIT III: Business Letters (6 Hours)
 Business Letter: Need - Functions - Kinds - Essentials of effective Business Letter - Language and Layout - Planning, Enquiries and Replies - Sales Letter - Orders, Tender and Notice - Complaints - Letter of Appointment.

UNIT IV: Correspondence (6 Hours)
 Correspondence: Bank Correspondence - Insurance Correspondence - Agency Correspondence - Import-Export Correspondence

UNIT V: Report Writing (6 Hours)
 Report Writing: Meaning and Importance - Purpose - Types of Business Reports - Characteristics of a Good Report - Report Preparation - Report by Individual and Committees - Agenda and Minutes of Meeting.

Teaching Methodology	PPTs, ICT, Brainstorming method, Written assignment on Current Issues, Preparation of PPTs by the students, Students are encouraged to handle seminar, Students are motivated to do online quizzing through Jostel
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Books for Study

1. Korlahalli, J. S., & Pal, R. (1979). *Essentials of business communication*. S. Chand.
2. Kaul, A. (2015). *Effective business communication*, (2nd Ed.). Prentice Hall India Learning Private Limited.
3. Lesikar, R., & Pettit, J. J. (2016). *Report writing for business*. McGraw Hill Education.
4. Mclean, S. (2010). *Business communication for success*. Flat World Knowledge.
5. Jain, V. K. (2008). *Business communication*. S. Chand Limited.

Books for Reference

1. Kumar, R. (2010). *Basic business communication*. Excel Books.
2. Bovee, C. L. (2008). *Business communication today*. Pearson Education.
3. Lesikar, R. V., & Pettit, J. D. (1989). *Business communication: Theory and application*. Irwin Professional Publishing.
4. Guffy, M. E., & Loewy, D. (2012). *Essentials of business communication*. Cengage Learning.
5. Gupta, C. B. (2019). *Essentials of business communication*. Cengage Learning India Pvt.Ltd

Websites and eLearning Sources

1. https://www.managementstudyguide.com/business_communication.
2. [html https://studiousguy.com/business-communication/](https://studiousguy.com/business-communication/)
3. <https://www.indeed.com/career-advice/resumes-cover-letters/business-communicationskills>
4. <https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php>
5. <https://www.mindtools.com/page8.html>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, the students will be able to	
CO1	understand the basics of communication and its Process, Elements, and its importance.	K1
CO2	acquire communication skills.	K2
CO3	employ the art of report preparation and writing Business Letters	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UEC14FC01	Foundation Course: Business Communication									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	2	3	2	3	3	2	2	2	2.5	
CO2	3	3	2	2	2	3	3	2	3	3	2.6	
CO3	3	1	2	3	2	2	3	2	2	2	2.2	
Mean Overall Score											2.4 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UHE14VE01	Value Education - 1: Essentials of Humanity	2	1

Course Objectives
To identify one's own potentials, strengths and weaknesses
To identify various challenges (physical, emotional, and social) in adolescence
To consciously overcome one's challenges and move towards self-esteem
To maximize one's own potential in enabling a holistic development
To assimilate human values comprehensively

UNIT I: Principles of Value Education (6 Hours)

Introduction to values - Characteristics and Roots of Values - Value Education & Value Clarification
- Moral Characters - Kinds of Values - Objectives of Values

UNIT II: Development of Human Personality (6 Hours)

Personality: Introduction, Theories, Integration & Factors influencing the development of personality - SEL Series - Discovering self - Defence Mechanism Power of positive thinking - Why worry?

UNIT III: The Dimensions of Human Development (6 Hours)

Areas of Development: Physical, Intellectual, Emotional, Social Development, Moral & Spiritual development

UNIT IV: Responsible Parenthood (6 Hours)

Human Sexuality - Marriage and Family - Sex and Love - Characteristics of Responsible parent - Causes of Marriage disharmony - Art of wise parenting

UNIT V: Gender Equality and Empowerment (6 Hours)

Historical perspective - Women in Independence struggle - Women in Independent India - Education & Economic development - Crimes against Women - Women rights - Time-line of Women achievements in India

Teaching Methodology	Chalk and Talk, Power point
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Book for Study

1. Department of Human Excellence. (2021). *Essentials of Humanity*. St. Joseph's College.

Books for Reference

1. Xavier, A. (2012). *You Shall Overcome*, (6th Ed.). ICRDE Publication.
2. Alex, K. (2009). *Soft Skills*. S. Chand.
3. Kalam, A.A. P. J. (2012). *You Are Unique*. Puna Publishing.

Websites and eLearning Sources

1. <http://livingvalues.net>. Accessed 05 March 2021.
2. <http://www.apa.org/topics/personality#>. Accessed 05 March 2021.
3. <http://www.peacecorps.gov/educators/resources/global-issues-gender-equaligy-and-womens-empowerment/>. Accessed 05 March 2021.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	recall the prescribed values and their dimensions.	K1
CO2	examine themselves by learning the developmental changes happening in the course of their lifetime.	K2
CO3	Apply the trained values in the day-to-day life.	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UHE14VE01	Value Education - 1: Essentials of Humanity									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	2	3	3	2	3	3	2.8	
CO2	3	2	2	3	3	2	3	3	2	2	2.5	
CO3	2	3	3	3	2	3	3	3	3	3	2.8	
Mean Overall Score											2.7 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English	6	3

Course Objectives

To recognize and identify the components of a formal letter.

To summarize the main points of a given letter and identify the intended meaning.

To use appropriate grammatical structures in context within their own writing.

To compare and contrast the elements of successful and unsuccessful letters.

To create well-structured letters with clear purpose and effectively evaluate and revise their own writing.

Basic Level

UNIT I (18 Hours)

- 1) A letter to avail college hostel
- 2) A requisition letter to provide fee concession
- 3) A requisition letter to provide Bonafide certificate
- 4) A letter to avail resources in college library
- 5) An On Duty Permission Letter
- 6) Nouns
- 7) Pronouns
- 8) Adjectives
- 9) Verbs
- 10) Adverbs

UNIT II (18 Hours)

- 11) A letter to provide conduct certificate
- 12) A letter to provide new ID card
- 13) A Permission letter for Name Correction in Mark sheet
- 14) A permission letter for Sports Events
- 15) A letter to avail permission for the Shepherd programme
- 16) Prepositions
- 17) Conjunctions
- 18) Articles
- 19) Conjugation of present form 'Be' verbs
- 20) Conjugation of past form 'Be' verbs

UNIT III (18 Hours)

- 21) A letter to avail the College Hostel
- 22) A permission letter to join the sport team
- 23) A request letter to access college Wi-Fi
- 24) A letter to vice principal requesting to change Elective course
- 25) A permission letter for project extension
- 26) Conjugation of future form 'Be' verbs
- 27) Conjugation of present continuous 'Be' verbs
- 28) Conjugation of Past continuous 'Be' verbs
- 29) Conjugation of Future continuous 'Be' verbs
- 30) Conjugation of Present Perfect 'Be' verbs

UNIT IV (18 Hours)

- 31) An apology letter to Dean for using mobile phone
- 32) A request letter to repair fan and tube light

- 33) A letter to invite Chief guest for Bibliophile Club meeting
- 34) A requisition Letter to issue the Transfer certificate
- 35) A permission letter for group exam coaching class
- 36) Conjugation of Past Perfect 'Be' verbs
- 37) Conjugation of Future Perfect 'Be' verbs
- 38) Conjugation of Present Perfect Continuous 'Be' verbs
- 39) Conjugation of Past Perfect Continuous 'Be' verbs
- 40) Conjugation of Future Perfect Continuous 'Be' verbs

UNIT V

(18 Hours)

- 41) A letter seeking help to find the missing laptop
- 42) A letter to the editor regarding frequent power cut
- 43) A medical leave letter
- 44) A requesting OD Letter to issue invitation to other colleges
- 45) A requisition letter to change Shift
- 46) Conjugation of present form 'Action' verbs
- 47) Conjugation of past form 'Action' verbs
- 48) Conjugation of Present form 'do' verbs
- 49) Conjugation of Past form 'do' verbs
- 50) Conjugation of Future form 'have' verbs

Teaching Methodology	Chalk and Talk, discussion, Training
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Book for Study

1. Jayapaul, V.L. (2023). *Begin to Learn English*. St. Joseph's College (Autonomous), Tiruchirappalli.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	compose various types of letters (request, permission, and apology) demonstrating clarity, coherence, and correctness.	K1
CO2	exhibit a sound understanding of nouns, pronouns, adjectives, verbs, and adverbs, utilizing them accurately in written and spoken English.	K2
CO3	apply language skills in real-life college scenarios, gaining confidence in communicating effectively with peers, faculty, and administrative staff.	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English									6	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	3	2	2	3	2	3	2	3	2	2.4	
CO2	2	2	3	2	3	3	2	3	2	2	2.3	
CO3	2	3	2	3	2	2	3	2	3	2	2.4	
Mean Overall Score											2.37 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English	6	3

Course Objectives

To recognize and identify common punctuation marks and their usage in paragraphs.
To summarize the main topics introduced in a paragraph and demonstrate understanding.
To apply the learned concepts to construct paragraphs that convey ideas effectively.
To analyze paragraphs to identify the role of prefixes, suffixes, and noun types in enhancing meaning.
To synthesize information to create paragraphs, evaluate their own writing, and engage in role-playing scenarios to demonstrate understanding.

Intermediate Level

UNIT I		(18 Hours)
1) Paragraph Punctuation		
2) Introducing a Topic		
3) Rhyming Words		
4) Word Association		
5) Going To		
6) What Will Happen		
UNIT II		(18 Hours)
7) Every Drop Counts		
8) Prefix		
9) Suffix		
10) Comprehending Characters		
11) Complimenting & Thanking		
12) Proper & Common Nouns		
UNIT III		(18 Hours)
13) Noun Substitution Table		
14) A, Some		
15) Visual Comprehension		
16) Singular to Plural		
17) Making & Responding		
18) Pronoun Classification		
UNIT IV		(18 Hours)
19) Pronoun I, Me, He, Him, She, Her, We.		
20) Singular to Plural		
21) Responding		
22) Pronoun Classification		
23) Using Preposition of Movement		
24) Preposition: Visual Talk		
UNIT V		(18 Hours)
25) Prepositional Phrases		
26) Storytelling		
27) Asking For Opinion		
28) Using Things Creatively		
29) Transition Sequencing		
30) Role Play		

Book for Study

- Joy, J. L. (2020). *Learning to Communicate*. St. Joseph's College (Autonomous), Tiruchirappalli.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	demonstrate proficiency in paragraph construction, rhyming words, and the use of prefixes and suffixes.	K1
CO2	apply advanced grammar rules, including proper/common nouns and pronoun usage, in both written and spoken communication.	K2
CO3	express opinions, compliments, and gratitude effectively, showcasing an enhanced ability to articulate thoughts and emotions.	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English									6	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	3	2	2	3	2	3	2	3	2	2.4	
CO2	2	2	3	2	3	3	2	3	2	2	2.3	
CO3	2	3	2	3	2	2	3	2	3	2	2.4	
Mean Overall Score											2.37 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English	6	3

Course Objectives

- To recognize and demonstrate basic self-introduction strategies.
- To summarize information from listening and reading exercises, demonstrating understanding.
- To apply learned concepts to construct essays, actively contribute to group discussions, and create coherent narratives.
- To analyze reviews to understand how different elements contribute to a comprehensive evaluation.
- To synthesize information to create compelling presentations, actively participate in debates, interviews, and assess their own communication proficiency.

Advance Level

- UNIT I** (18 Hours)
- 1) Self Introduction
 - 2) Listening
 - 3) Reading
- UNIT II** (18 Hours)
- 4) Essay Writing
 - 5) Group Discussion
 - 6) Story Building, Story Writing & Story Narration
- UNIT III** (18 Hours)
- 7) Book Review
 - 8) Film Review
- UNIT IV** (18 Hours)
- 9) News Paper Reading and Analysis
 - 10) Public speaking: Drafting and Speaking
- UNIT V** (18 Hours)
- 11) Debate
 - 12) Interview Skills

Websites and eLearning Resources

1. <https://ielts-up.com/listening/ielts-listening-practice.html>
2. <https://www.bestmytest.com/ielts/speaking>
3. <https://ielts-up.com/speaking/ielts-speaking-practice.html>
4. <https://learnenglishteens.britishcouncil.org/skills/writing/a2-writing/film-review>

Course Outcomes

CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	exhibit high-level language skills in self-introduction, listening, reading, and diverse writing tasks such as essay writing and storytelling.	K1
CO2	critically evaluate and analyze literature through book reviews, film reviews, and newspaper reading, demonstrating an ability to articulate informed opinions.	K2
CO3	showcase proficiency in public speaking, group discussions, debates, and interviews, reflecting a comprehensive mastery of advanced communication skills.	K3

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
1	23UEN14AE01	Ability Enhancement Compulsory Course - 1: Communicative English								6	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	2	2	3	2	3	2	3	2	2.4
CO2	2	2	3	2	3	3	2	3	2	2	2.3
CO3	2	3	2	3	2	2	3	2	3	2	2.4
Mean Overall Score											2.37 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UTA21GL02	General Tamil - 2	4	3

கற்றலின் நோக்கங்கள்				
தமிழ் இலக்கிய வரலாற்றை அறிதல்.				
எழுத்து, சொல் இலக்கணங்களின் அடிப்படைகளைக் கண்டறிதல்.				
அயலகக் கவிதை வடிவங்களை விளங்கிக் கொள்ளுதல்.				
மொழிபெயர்ப்புக் கவிதைகளின் வாயிலாக மொழிபெயர்ப்புத் திறனை வளர்த்தெடுத்தல்.				
போட்டித் தேர்வுகளை எதிர்கொள்வதற்கான இலக்கண அறிவு பெறுதல்.				

அலகு - 1 (12 மணிநேரம்)

பாரதியார் கவிதைகள் - குயில்பாட்டு (குயில் தன் பூர்வ ஜென்மக் கதை உரைத்தல்)
பாரதிதாசன் கவிதைகள் - சஞ்சீவி பர்வத்தின் சாரல்
நற்றமிழ்க்கோவை - முதல் மூன்று கட்டுரைகள்

அலகு - 2 (12 மணிநேரம்)

வெ.இராமலிங்கனார் - சொல், தமிழன் இதயம்
முடியரசனார் - உயிர் வெல்லமோ, மனத்தாய்மை
பெருஞ்சித்திரனார் - அஞ்சாதீர், மொழி, இனம், நாடு
பட்டுக்கோட்டை கலியாண சுந்தரனார் - வருங்காலம் உண்டு, உழைக்காமல் சேர்க்கும் பணம்
இலக்கணம் - எழுத்து
இலக்கிய வரலாறு - புதுக்கவிதை, தமிழில் புதிய கவிதை வடிவங்கள்

அலகு-3 (12 மணி நேரம்)

சுரதா - நல்ல தீர்ப்பு
கண்ணதாசன் - ஒரு பாணையின் கதை
அப்துல் ரகுமான்- வீடு
மேத்தா - ஒரேகுரல்
இலக்கிய வரலாறு - தமிழ்ச்சிறுகதைகள், இருபதாம் நூற்றாண்டு உரைநடை வளர்ச்சி
சிறுகதை - முதல் மூன்று சிறுகதைகள்

அலகு - 4 (12 மணிநேரம்)

அரசியல் கவிதைகள்
ஈரோடு தமிழன்பன்- அகல் விளக்காக இரு
ஆதவன் தீட்சண்யா- இன்னும் இருக்கும் சுவர்களின் பொருட்டு
சுகிர்தராணி- என் கண்மணியே இசைப்பிரியா
சக்தி ஜோதி - யுகாந்திர உறக்கம்
பழநி பாரதி- வெள்ளைக்காகிதம்
லிவிங்ஸ்மைல் வித்யா - நினைவில் பால்யம் அழுத்தம்
இலக்கணம் - சொல்

அலகு - 5 (12 மணிநேரம்)

அயலகக் கவிதைகள்
ஓசேரிசால் (தமிழில் நெய்தல்)- விடைகொடு எந்தாய் மண்ணே
ஹைபுன் கவிதைகள்
சிறுகதை - நான்கு முதல் ஆறு சிறுகதைகள்
நற்றமிழ்க் கோவை - நான்கு முதல் ஆறு கட்டுரைகள்

கற்பித்தல் முறை (Teaching Methodology)	விரிவுரை (Lecture), காணொளிக் காட்சி (Videos), விளக்கக் காட்சி (PPT presentation)
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பாடநூல்கள்

1. தமிழாய்வுத்துறை (2023). பொதுத்தமிழ் -2, தூய வளனார் தன்னாட்சிக் கல்லூரி.

2. தமிழாய்வுத்துறை (2021). நற்றமிழ்க் கோவை, தூய வளனார் தன்னாட்சிக் கல்லூரி.

Websites and eLearning Sources

1. <https://www.chennaiLibrary.com/bharathiyar/kuyilpattu.html>
2. www.tamildigitallibrary.in
3. <https://eluthu.com/kavithai>
4. https://podhutamizh.blogspot.com/2017/09/blog-post_42.html
5. <https://thamizhsudar.com>
6. <https://ta.wikipedia.org/wiki>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	இப்பாடத்தின் நிறைவில் மாணவர்கள்	
CO1	தமிழ் இலக்கிய நூல்கள் பற்றிய அறிவைப் பெறுவர்.	K1
CO2	தமிழ் இலக்கண வளர்ச்சியைப் புரிந்து கொள்வர்.	K2
CO3	பிழையின்றி எழுதும் திறன் பெறுவதோடு கற்றல் திறனையும் வளர்த்துக்கொள்வர்.	K3
CO4	பிற கவிதை வடிவங்களைக் கையாளும் திறன் பெறுவர்.	K4
CO5	போட்டித் தேர்வுகளை எதிர்கொள்ளும் திறனைப் பெறுவர்.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UTA21GL02	General Tamil - 2									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO 1	PSO2	PSO3	PSO4	PSO5		
CO1	2	1	2	2	3	3	3	2	3	2	2.3	
CO2	2	1	2	2	2	3	2	2	2	2	2.0	
CO3	2	1	2	2	3	3	3	2	3	2	2.3	
CO4	1	2	1	2	2	3	2	2	3	2	2.0	
CO5	1	1	2	2	3	3	3	2	3	2	2.2	
Mean Overall Score											2.16 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UFR21GL02	French - 2	4	3

Course Objectives

- To construct simple phrases with pronominal verbs
- To apply the different types of articles
- To understand the usage of pronouns
- To analyse the French culture through French culinary art
- To evaluate and compare the French fashion in current scenario

UNIT I

(12 Hours)

- TITRE: Les Loisirs
- GRAMMAIRE : les adjectifs interrogatifs, les nombres ordinaux, les verbes pronominaux
- LEXIQUE : les différentes activités quotidiennes, les loisirs, les activités quotidiennes, les matières
- PRODUCTION ORALE : parler sur votre passe-temps
- PRODUCTION ECRITE : décrire sa journée

UNIT II

(12 Hours)

- TITRE: La routine
- GRAMMAIRE : les pronoms personnels COD, les verbes du premier groupe en e/er/eler/eter, le verbe prendre
- LEXIQUE : exprimer ses goûts et ses préférences, le temps, l'heure, la fréquence
- PRODUCTION ORALE : savoir comment dire l'heure
- PRODUCTION ECRITE : écrire vos préférences en quelques lignes

UNIT III

(12 Hours)

- TITRE: Où Faire Ses Courses?
- GRAMMAIRE : les articles partitifs, le pronom en (la quantité), très ou beaucoup
- LEXIQUE : inviter et répondre à une invitation, les commerces et les commerçants, demander et dire le prix, les quantités
- PRODUCTION ORALE : faire des courses pour une soirée
- PRODUCTION ECRITE : écrire un message en acceptant l'invitation

UNIT IV

(12 Hours)

- TITRE: Découvrez et Dégustez
- GRAMMAIRE : l'impératif, il faut, les verbes devoir, pouvoir, savoir, vouloir
- LEXIQUE : Commander et commenter sur un plat de la carte, les aliments, les services, les moyens de paiement
- PRODUCTION ORALE : Jeu de rôle – au restaurant (entre vous et le garçon)
- PRODUCTION ECRITE : faire une comparaison avec la carte française et indienne

UNIT V

(12 Hours)

- TITRE: Tout le monde s'amuse/ les ados au quotidien
- GRAMMAIRE : les adjectifs démonstratifs, le pronom indéfini on, le futur proche, le passé composé, les verbes en –yer, voir et sortir
- LEXIQUE : connaître les marques connues sur les vêtements, les sorties, situer dans le temps, les vêtements et les accessoires

- PRODUCTION ORALE : décrire une tenue
- PRODUCTION ECRITE : écrire une lettre amicale, une carte postale

Teaching Methodology	Chalk and talk, visual cues like flashcards, one to one conversation
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Book for Study

1. Dauda, P., Giachino, L. & Baracco, C. (2016). *Generation A1*. Didier.

Books for Reference

1. Girardet, J. & Pecheur, J. (2017). *Echo A1*. CLE International, (2nd Ed.).
2. Mérieux, R. & Loiseau, Y. (2012). *Latitudes A1*. Didier.
3. Fournier, I. (2011). *Talk French*. Goyal Publishers.

Websites and eLearning Sources

1. <https://www.frenchtoday.com/blog/french-verb-conjugation/french-reflexive-verbs-list-exercises/>
2. <https://www.fluentu.com/blog/french/french-subject-pronouns/>
3. <https://grammarist.com/french/french-partitive-article/>
4. <https://www.talkinfrench.com/guide-french-food-habits/>
5. <https://www.fluentu.com/blog/french/talking-about-clothes-in-french/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	relate pronominal verbs in expressing one's day today activity	K1
CO2	compare the different types of articles – article partitif and contracte	K2
CO3	construct texts using pronouns – passages and dialogues	K3
CO4	discover the food habits of the French culture	K4
CO5	appraise the French fashion	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UFR21GL02	French - 2									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	1	3	1	2	2	2	2.2	
CO2	2	1	2	3	2	3	1	2	2	2	2.0	
CO3	3	2	3	2	2	3	3	1	3	2	2.4	
CO4	3	2	2	1	3	3	3	1	1	3	2.2	
CO5	2	1	2	2	3	3	3	2	2	2	2.2	
Mean Overall Score											2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UHI21GL02	Hindi - 2	4	3

Course Objectives

To understand the basics of Hindi Language
To make the students to be familiar with the Hindi words
To enable the students to develop their effective communicative skills in Hindi
To introduce the socially relevant subjects in Modern Hindi Literature
To empower the students with globally employable soft skills

UNIT I (12 Hours)

- Kafan
- Letter Writing - Chutti Patra
- Bakthikal - Namakarn
- Sarkari Kariyalayom Ka Naam

UNIT II (12 Hours)

- Baathcheeth - Dookan Mein
- Kriya
- Letter Writing - Rishthedarom Ko Patra
- Bakthikal - Samajik Paristhithiyam

UNIT III (12 Hours)

- Vah Thodthi Patthar
- Adverb
- Letter Writing - Naukari Keliye Avedan Patra
- Bakthikal - Sahithyik Paristhithiyam

UNIT IV (12 Hours)

- Mukthi
- Samas
- Letter Writing - Kitab Maangne Keliye Patra
- Bakthikal - Salient Features, Main Divisions

UNIT V (12 Hours)

- Anuvad
- Sandhi
- Letter Writing - Nagarpalika Ko Patra
- Bakthikal - Visheshathayem

Teaching Methodology	Peer Instruction Exercise, Videos, PPT, Quiz, Group Discussion
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Books for Study

1. Viswanath Tripaty. (2018). *Kuchh Kahaniyan*, Rajkamal Prakashan Pvt. Ltd.
2. Kamathaprasad Gupth, M. (2020). *Hindi Vyakaran*. Anand Prakashan.
3. Sadananth Bosalae. (2020). *kavya sarang*, Rajkamal Prakashan.

Books for Reference

1. Acharya Ramchandra Shukla. (2021). *Hindi Sahitya Ka Itihas*. Prabhat Prakashan.

2. Krishnakumar, G. (2016). *Anuvad vigyan ki Bhumika*. Rajkamal Prakashan.
3. Aravind Kumar. (2019). *Sampoorna Hindi Vyakaran our Rachana*, Lucent publisher.
4. Lakshman Prasad Singh. (2017). *Kavya ke sopan*. Bharathy Bhavan Prakashan.

Websites and e-Learning Sources

1. <https://hindigrammar.in/sandhi.html>
2. <https://www.successcds.net/class10/hindi/samas-in-hindi>
3. <https://mycoaching.in/kriya-ke-bhed-verb-in-hindi>
4. <https://namastesensei.in/adverb-in-hindi-examples/>
5. <https://viahindi.in/hindi-vyakaran/sandhi-paribhasha-prakar-or-udaharan>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of the course, the student will be able to	
CO1	find out the Terms & Expressions related to letter writing.	K1
CO2	explain the works of Hindi writers.	K2
CO3	complete the sentences in hindi using basic grammar.	K3
CO4	analyze the social & political conditions of devotional period in hindi literature.	K4
CO5	justify the human values stressed on the works of the following authors "Premchand, Nirala, etc."	K5

Relationship Matrix											
Semester	Course Code		Title of the Course					Hours	Credits		
2	23UHI21GL02		Hindi - 2					4	3		
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	3	2	2	3	3	3	2	2	2.5
CO2	1	3	1	2	2	3	3	3	2	3	2.3
CO3	3	2	3	2	2	3	2	3	2	2	2.4
CO4	2	3	3	1	3	2	3	2	1	2	2.2
CO5	3	2	2	2	3	2	3	2	3	2	2.4
Mean Overall Score											2.36 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23USA21GL02	Sanskrit - 2	4	3

Course Objectives	
To bring out the salient aspects of classical Sanskrit poetry	
To introduce court epics in Sanskrit	
To train students in declensions of pronouns in Sanskrit	
To coach the students in the conjugation patterns of verbs in Sanskrit	
To offer coaching in morpho-phonemic rules and their applications in Sanskrit	

UNIT I (12 Hours)
Asmathi usmath tat kim (MFN) sarvanaam asabdaha

UNIT II (12 Hours)
Sandhi Niyamaah Abhyaash (Guna , Visarga , Dirgha , Vrddhi)

UNIT III (12 Hours)
Lang lakaarah Kriyapadaani Prayoga Vivaranam

UNIT IV (12 Hours)
Raguvamsaha Pratama sargaha (1 -15 slokas)

UNIT V (12 Hours)
Suvacanani Vakya Prayoga Vivaranam

Teaching Methodology	Videos, PPT, Blackboard, Demonstration, Exercises
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Books for Study

1. Saralasangraha Skisha. (2021).
2. Dhaatu Manjari. (2021).

Books for Reference

1. Paindrapuram Ashram, Srirangam. (2019).
2. Vadhyar, R. S., & Sons, Book - Seller and Publishers. (2021).
3. Kulapthy, K. M. (2018). *Saral Sanskrit Balabodh*. Bharathiys Vidya Bhavan.

Websites and eLearning Sources

1. <https://www.meritnation.com>
2. <https://www.aplustopper.com>
3. <https://mycoaching.in/lang-lakar>
4. https://sanskritdocuments.org/sites/giirvaani/giirvaani/rv/sargas/01_rv.htm
5. <https://resanskrit.com/blogs/blog-post/sanskrit-shlok-popular-quotes-meaning-hindi-english>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	remembering names of different objects, remembering different verbal forms and sandhi	K1
CO2	contrast different verbal forms Explain good sayings, Relate good saying to life.	K2
CO3	apply and build small sentences	K3
CO4	analyze different forms of Verbs and nouns	K4
CO5	appreciate subhashitas and Sanskrit poetry	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23USA21GL02	Sanskrit - 2									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	1	3	2	2	2	3	3	2	1	2.1	
CO2	3	2	3	2	2	3	2	3	3	2	2.5	
CO3	2	2	3	2	2	2	2	3	3	1	2.1	
CO4	3	2	3	3	1	2	3	3	3	1	2.4	
CO5	3	2	2	2	3	2	2	3	3	1	2.3	
Mean Overall Score											2.28 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UEN22GE02	General English - 2	5	3

Course Objectives

To develop an expanded and specialised vocabulary related to diverse themes such as education, entertainment, career, and society through activities like word grids, reading, and discussions.
To enhance problem-solving abilities through activities like debates, role-playing, and scenario analysis.
To enable students to express ideas with precision and clarity by practising different forms of expressing quality, comparison, and actions in various contexts.
To equip students with language skills relevant to professional settings.
To encourage students to explore language as a tool for creative expression and communication.

UNIT I

(15 Hours)

01. Education Word Grid
02. Reading Problems and Solutions
03. Syllabification
04. Forms for Expressing Quality
05. Expressing Comparison
06. Monosyllabic Comparison
07. Di/polysyllabic Comparison
08. The Best Monosyllabic Comparison
09. The Best Di/Polysyllabic Comparison
10. Practising Quality Words

UNIT II

(15 Hours)

11. Wh Words
12. Yes/No Recollection
13. Unscramble Wh Questions
14. Wh Practice
15. Education and the Poor
16. Controlled Role Play
17. Debate on Education
18. Education in the Future
19. Entertainment Word Grid
20. Classify Entertainment Wordlist
21. Guess the Missing Letter
22. Proverb-Visual Description
23. Supply Wh Words
24. Rearrange Questions
25. Information Gap Questions

UNIT III

(15 Hours)

26. Asking Questions
27. More about Actions
28. More about Actions and Uses
29. Crime Puzzle
30. Possessive Quiz
31. Humorous News Report
32. Debate on Media and Politics
33. Best Entertainment Source

UNIT IV

(15 Hours)

34. Career Word Grid
35. Job-Related Wordlist
36. Who's Who?
37. People at Work
38. Humour at Workplace
39. Profession in Context
40. Functions and Expressions
41. Transition Fill-in
42. Transition Word Selection
43. Professional Qualities
44. Job Procedures
45. Preparing a Resume
46. Interview Questions
47. Job Cover Letter Format
49. Emailing an Application
50. Mock Interview

UNIT V

(15 Hours)

51. Society Word Grid
52. Classify Society Wordlist
53. Rearrange the Story
54. Storytelling
55. Story Cluster
56. Words Denoting Time
57. Expressing Time
58. What Can You Buy?
59. Noise Pollution
60. Positive News Headlines
61. Negative News Headlines
62. Matching Conditions
63. What Would You Do?
64. If I were the Prime Minister
65. My Dream Country

Teaching Methodology	Lecture Method, Use of ICT Tools and Interactive method
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Book for Study

1. Joy, J.L. & Peter, F.M. (2014). *Let's Communicate 2*, Trinity Press.

Books for Reference

1. Ahrens, Sönke. (2017). *How to Take Smart Notes: One Simple Technique to Boost Writing, Learning and Thinking*. Create Space.
2. Aspinall, Tricia. (2002). *Test Your Listening*. Pearson.
3. Bailey, Stephen. (2004). *Academic Writing: A Practical Guide for Students*. Routledge.
4. Fitikides, T.J. (2002). *Common Mistakes in English*, (6th Ed.). Longman
5. Wainwright., Gordon. (2007). *How to Read Faster and Recall More: Learn the Art of Speed Reading with Maximum Recall*, (3rd Ed.). How to Books.

Websites and eLearning Sources

1. <https://learnenglish.britishcouncil.org/>
2. <https://oneminuteenglish.org/en/best-websites-learn-english/>
3. <https://www.dailywritingtips.com/best-websites-to-learn-english/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	write paragraphs with apt punctuation marks	K1
CO2	discuss basic issues with friends, relatives and members of the family	K2
CO3	use polite expressions in appropriate ways	K3
CO4	evaluate the language and communication aspects of the topics	K4
CO5	create and produce various forms of communication, including professional documents like resumes and cover letters, debates	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UEN22GE02	General English - 2									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	3	2	2	3	2	3	2	3	2	2.4	
CO2	2	2	3	2	3	3	2	3	2	2	2.3	
CO3	2	3	2	3	2	2	3	2	3	2	2.4	
CO4	2	2	3	2	3	3	2	3	2	3	2.5	
CO5	2	2	2	3	2	2	2	3	2	2	2.2	
Mean Overall Score											2.36 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UEC23CC03	Core Course - 3: Microeconomics - 2	6	4

Course Objectives
To equip students to gain knowledge on the market structures.
To analyze the monopoly and price discrimination in the market.
To probe the monopolistic and oligopoly competitions and its operations.
To enrich the students about the Theories of Distribution.
To understand the concepts of Welfare Economics

UNIT I: Theory of Product Pricing (18 Hours)

Market structure - Meaning and elements - Types - Perfect competition - Price and Output determination - Equilibrium of the firm and industry in the short-run and long-run - Role of time element.

UNIT II: Monopoly (18 Hours)

Simple Monopoly - Discriminating Monopoly - Price and Output determination under simple Monopoly - Concept of Bilateral Monopoly - Monopsony - Duopoly.

UNIT III: Monopolistic Competition & Oligopoly (18 Hours)

Features of Monopolistic Competition - Equilibrium of Firm and Industry under short-run and long-run (Group Equilibrium) - Selling cost - Oligopoly: Features - Price determination - Kinked demand curve model- and Price leadership model.

UNIT IV: Theory of Factor Pricing (18 Hours)

Marginal productivity theory of distribution - Rent: Ricardian theory of rent - Modern theory of rent; Wages: Real and Nominal Wage - Demand and supply theory - Causes for wage difference - Trade Unions and Wages; Interest: Classical - Neoclassical - Keynes and Modern theory of Interest; Profit - Gross and Net Profit - Theories of Profit - Risk and uncertainty theory - Innovation theory.

UNIT V: Welfare Economics (18 Hours)

Meaning of Social Welfare - Different concepts of Social Welfare - Pareto criteria - Pigou's Welfare Economics - Amartya Sen's views on Welfare Economics.

Teaching Methodology	<ul style="list-style-type: none"> • PPTs • ICT • Brainstorming method • Written assignment on Current Issues • Preparation of PPTs by the students • Students are encouraged to handle seminar • Students are motivated to do online quizzing through JOSTEL
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Case study:

Undertaking surveys to know the advertisement strategies of a few leading firms in the city.

Books for Study

1. Ahuja, H. L. (2019). *Principles of Micro Economics*. S. Chand.
2. Sankaran, S. (2018). *Economic Analysis*. Margham Publications.

Books for Reference

1. Stonier, A., & Hague, D. C. (1958). *A Text Book of Economic Theory*. Long Mans Green & Co.
2. Seth, M. L. (2019). *Principles of Economics*. Lakshmi Narain Agarwal.
3. Samuelson, P. A. *Price Theory*. McGraw-Hill School Education Group.

Websites and eLearning Sources

1. <https://open.umn.edu/opentextbooks/subjects/economics>
2. <https://global.oup.com>
3. <https://www.economicsnetwork.ac.uk>
4. <https://edge.sagepub.com/sextonmicro8e>
5. <https://www.aeaweb.org/resources/students>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On the successful completion of this course, the students will be able to	
CO1	describe the market structure, behaviour of the producer and equilibrium of the firm/industry	K1
CO2	interpret resource allocation from the social perspective, relate product pricing and the infer monopoly price discrimination	K2
CO3	articulate the concept of prevailing market structures, illusory advertisements and price leadership in different market structures.	K3
CO4	analyze factor pricing and point out reasons for wage differential on social perspective.	K4
CO5	Evaluate the various economic theories of social welfare.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UEC23CC03	Core Course - 3: Microeconomics - 2									6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	2	2	1	3	3	2	2	3	2.2	
CO2	2	3	2	1	2	3	3	2	2	3	2.3	
CO3	1	2	3	2	3	2	3	2	3	2	2.3	
CO4	1	2	2	3	1	2	3	2	2	3	2.1	
CO5	1	2	2	2	3	1	3	2	2	3	2.1	
Mean Overall Score											2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UEC23CC04	Core Course - 4: Indian Economic Development	5	4

Course Objectives
To study the structure of Indian Economy
To know the contribution of Agricultural Sector in Indian Economy
To learn various industrial sector and its significant role in India
To assess the performance of external sectors
To evaluate the Economic Reforms

UNIT I: STRUCTURE OF INDIAN ECONOMY (15 Hours)

Natural Resources: land, water, and forest - Demographic features; size, se composition and growth rates of population- latest Census of Population- Infrastructure - Transport, Communication and Energy; National Income: Trend, growth rate and sectoral contribution.

UNIT II: AGRICULTURAL SECTOR (15 Hours)

Institutional structure - Green Revolution and Technological change in agriculture -Types of Faming: contract farming - policies for sustainable agriculture -organic farming and precision farming and Integrated farming Agricultural Marketing and Warehousing; Food security - Pricing of agricultural inputs and output- Minimum Support Price (MSP) - Agricultural finance policy.

UNIT III: INDUSTRIAL SECTOR (15 Hours)

Industrial Policy Resolution- of 1948, 1956, 1991,-Recent amendments of Industrial policy-Role and Structure of Major Large Scale Industries - MSME- Rural industrialization -industrial estate Industrial sickness: cause and remedies: Evaluation of Privatization and Disinvestment; - SEZ- Make in India. - Digitization.

UNIT IV: SERVICE SECTOR AND EXTERNAL SECTOR (15 Hours)

Role and Significance of Information Technology, Banking and Insurance - Composition of India's foreign trade Imports and Exports - Direction and trends in foreign trade - Import substitution and export promotion - Balance of payments in India - Foreign capital and MNCs in India - State Trading Corporation.

UNIT V: Planning and Economic Reforms (15 Hours)

Planning in India, Objectives; Strategies; Broad Achievements and Failures; Current Five Year Plan - objectives, allocation and targets; NITI AAYOG Economic Reforms: Liberalization, Privatization and Globalization; - WTO

Teaching Methodology	<ul style="list-style-type: none"> • PPTs • ICT • Brainstorming method • Written assignment on Current Issues • Preparation of PPTs by the students • Students are encouraged to handle seminar • Students are motivated to do online quizzing through Jostel
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Books for Study

1. Dutt, R., & Sundaram, K. P. M. (2019). *Indian Economy* (73rd ed). Sultan Chand & Sons.

2. Dhingra, I. C. (2019). *March of the Indian Economy* (8th ed). Heed Publication Pvt. Ltd.

Books for Reference

1. Kindleberger, C. P. (1977). *Economic Development* (3rd ed). McGraw Hill.
2. Meier, G. M. (2000). *Leading Issues in Economic Development* (6th ed). Oxford University Press.
3. Jhingan, M. L. (2019). *The Economics of Development and Planning*. Vikas Publishing House Pvt Ltd.
4. Dhar, P. K. (2015). *Indian Economy - Its Growing Dimensions*. Kalyani Publishers.

Websites and eLearning Recourses

1. <https://www.adb.org/countries/india/economy>
2. <https://www.oecd.org/economy/india-economic-snapshot/>
3. <https://www.indiabudget.gov.in/economicsurvey/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On the successful completion of this course, the students will be able to	
CO1	examine the impact of tertiary and external sectors on Indian Economy.	K1
CO2	understand the significance of Natural and Human Resources in the development of Indian Economy.	K2
CO3	analyse the role and issues of Agricultural Sector in Indian Economy	K3
CO4	evaluate various industrial policies and reforms in Indian Economy.	K4
CO5	integrate Liberalization, Privatization and Globalization in the context of Indian Economic Development.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UEC23CC04	Core Course - 4: Indian Economic Development									5	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	2	2	2	3	2	3	2	2	2.1	
CO2	2	1	3	2	1	2	3	3	2	3	2.2	
CO3	2	2	1	2	2	3	3	3	3	2	2.3	
CO4	3	3	2	2	1	2	2	3	2	3	2.3	
CO5	2	2	3	2	2	2	2	3	2	2	2.2	
Mean Overall Score											2.22 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UEC23AC02	Allied Course - 2: Statistics for Economics - 2	6	4

Course Objectives
To identify the methods of studying association
To understand the various methods of index numbers and its applications
To analyse the components and measurement of time series data
To acquire knowledge on the application of vital statistics
To know the theories of probability and its applications

UNIT I: Association of attributes (18 Hours)

Meaning- Difference between correlation and association- order of classes and class frequencies, consistency of data - Association and Disassociation-Methods of studying association: Comparison of observed and Expected Frequencies Methods - Proportion Method-Yule's coefficient of Association.

UNIT II: Index Numbers (18 Hours)

Meaning - Uses - Problems in the construction of Index Numbers - Methods: Paasche, Laspeyres and Fishers Ideal Index numbers - Test of Adequacy: Unit Test-Time Reversal Test-Factor Reversal Test-Circular Test- Consumer Price Index (CPI): Utility of the CPI-Methods of constructing the Index.

UNIT III: Analysis of Time Series (18 Hours)

Meaning and Definition-Utility of Time Series Analysis - Components of Time series - Measurement of Trend: Graphic Method - Semi-Average Method - Moving Average Method - Least Square Method.

UNIT IV: Probability (18 Hours)

Meaning and concepts - Different terms of probability-Theorems of Probability: Addition Theorem and Multiplication Theorem - Calculation of Probability - Permutation and Combination- Simple Problems.

UNIT V: Vital Statistics (18 Hours)

Definition- Uses of vital statistics- Methods of obtaining vital statistics - Measurement of Fertility: Crude Birth Rate - Specific Fertility - General Fertility Rate - Total Fertility Rate - Gross Reproduction Rate (GRR) - Net Reproduction Rate (NRR)- Measurements of Mortality: Crude Death Rate (CDR)-Specific Death Rates (SDR) - Standardised Death Rates -Infant Mortality Rate (IMR)-Neo-Natal Mortality Rate-Maternal Mortality Rate-Natural Increase Rate-Net Migration Rate and Vital Index.

Teaching Methodology	<ul style="list-style-type: none"> • PPTs • ICT • Brainstorming method • Written assignment on Current Issues • Preparation of PPTs by the students • Students are encouraged to handle seminar • Students are motivated to do online quizzing through Jostel
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Books for Study

1. Gupta, S. P. (2019). *Statistical Methods* (46th ed). Sultan Chand & Sons.
2. Salvatore, D., & Reagle, D. (2002). *Theory and Problems of Statistics and Econometrics*. McGraw Hill.
3. Spiegel, M. R. (2002). *Statistics* (5th ed). McGraw Hill.

4. Saxena, H. C. (2016). *Elementary Statistics*. S Chand and Company.
5. Pillai, R. S. N., & Bagavathi, V. (2010). *Statistics*. Sultan Chand and Sons.

Books for Reference

1. Gupta, S. C., & Kapoor, V. K. (2021). *Fundamentals of Applied Statistics*. Chand & Sons.
2. Sancheti, D. C., & Kapoor, V. K. (2005). *Statistical Theory Method and Application*. Sultan Chand and Sons.
3. Elhance, D. N. (2004). *Fundamentals of Statistics*. Kitab Mahal.
4. Manoharan, M. (2010). *Statistical Methods*. Palani Paramount Publications.
5. Sachdeva, S. (2014). *Statistics*. Lakshmi Narain Agarwal.

Websites and eLearning Sources

1. <https://stattrek.com/statistics/resources>
2. <https://www.cuemath.com/data/f-test/>
3. <https://www.statistics.com/>
4. <https://thisisstatistics.org/students/>
5. <https://oli.cmu.edu/courses/probability-statistics-open-free/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On the successful completion of this course, the students will be able to	
CO1	understand basic concepts of association of attributes	K1
CO2	calculate different types of index numbers and apply the importance of index numbers in Indian Economy.	K2
CO3	distinguish various measurements of trend like methods of semi average, moving average and least square.	K3
CO4	compute and interpret the methods of vital statistics.	K4
CO5	obtain the techniques to compute probability.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UEC23AC02	Allied Course - 2: Statistics for Economics - 2									6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	1	2	2	3	1	2	2	1	1.7	
CO2	2	1	3	2	1	2	3	3	2	3	2.2	
CO3	2	2	2	2	2	3	3	3	3	2	2.4	
CO4	3	3	2	2	2	2	3	2	2	3	2.4	
CO5	2	2	3	2	3	2	2	3	2	2	2.3	
Mean Overall Score											2.2(High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UHE24VE02	Value Education - 2: Fundamentals of Human Rights	2	1

Course Objectives
To sensitize students about various human rights and their importance
To empower them with the right understanding of human rights
To enable them to understand the Fundamental rights and the duties in the constitution of India
To help them comprehend the background, principles and the articles of UDHR
To make them involved in activities to defend human rights

UNIT I: Human Rights - An Introduction (6 Hours)
Introduction- Classification of Human Rights- Scope of Human Rights-Characteristics of Human Rights - Challenges for Human Rights in the 21st Century.

UNIT II: Historical Development of Human Rights (6 Hours)
Human Rights in Pre-World War Era- Human Rights in Post-World War Era- Evolution of International Human Rights Law - the General Assembly Proclamation- Institution Building, Implementation and the Post- Cold War Period. The ICC.

UNIT III: India and Human Rights (6 Hours)
Introduction- Preamble to Indian Constitution - Classification of Fundamental Rights-Salient Features of Fundamental Rights-and Fundamental Duties.

UNIT IV: Human Rights of Women and Children (6 Hours)
Women's Human Rights- Issues related to women's rights - and Rights of Women's and Children

UNIT V: Human Rights Violations and Organizations (6 Hours)
Human Rights Violations - Human Rights Violations in India - the Human Rights Watch Report, January 2012- Human Rights Organizations - NHRC - SHRC.

Teaching Methodology	Chalk and Talk, Power point, Handouts and Group discussion
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Book for Study

1. Department of Human Excellence, (2021). *Techniques of Social Analysis: Fundamentals of Human Rights*.

Books for Reference

1. Venkatachalem. (2005). *The Constitution of India*, Giri Law House.
2. Naik, V. & Shany, M. (2011). *Human rights education and training*, Crescent Publishing Corporation.
3. Neera, B. (2011). *Human Rights Content and Extent*. Swastika Publications.

Websites and eLearning Sources

1. <https://www.un.org/en/universal-declaration-human-rights/>
2. <https://www.ilo.org/global/lang--en/>
3. <https://www.amnesty.org/en/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	identify the importance and the values of human rights	K1
CO2	understand the historical background and the development of Human Rights and the related organizations	K2
CO3	apply the provisions of National and International human rights to themselves and the society	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
2	23UHE24VE02	Value Education - 2: Fundamentals of Human Rights									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	1	2	2	3	2	2	2	2	2.1	
CO2	3	2	1	2	2	3	2	2	2	2	2.1	
CO3	3	2	2	2	2	2	3	2	1	2	2.1	
Mean Overall Score											2.1 (Medium)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
2	23UHE24AE01	Ability Enhancement Compulsory Course - 2: Environmental Studies	2	1

Course Objectives
To enable students connect themselves with nature
To Impart knowledge of the concept of Biodiversity
To create awareness of the causes and consequences of various pollution
To help them recognize the available natural resources and the need to sustain them
To enable them to Identify the environmental problems and offer alternatives by making interventions both individually and collectively

UNIT I: Introduction to Environmental Studies (6 Hours)

Introduction - Scope and Importance - Subsystems of Earth - Various recycling Methods - Environmental Movements in India - Eco- Feminism - Public awareness - Suggestions to conserve environment

UNIT II: Natural Resources (6 Hours)

Food Resources - Land Resources - Forest resources - Mineral Resources - Water Resources - Energy Resources

UNIT III: Ecosystems, Biodiversity and Conservation (6 Hours)

General structure of ecosystem - Functions of Ecosystem - Energy flow and Ecological pyramids - Levels of Biodiversity - Hot spots of Biodiversity - Endangered and Endemic Species - Value of Biodiversity - Threats to Biodiversity - Conservation of Biodiversity

UNIT IV: Environmental Pollution (6 Hours)

Air Pollution - Water Pollution - Oil Pollution - Soil Pollution - Marine Pollution - Noise Pollution - Thermal Pollution - Radiation Pollution

UNIT V: Environmental Organizations and Treatise (6 Hours)

United Nations Environment Program (UNEP) - International treaties on Environmental protection - Ministry of Environment, Forest and Climate Change - Important National Environmental Acts and rules- Environmental Impact assessment - Issues deals with Population growth.

Teaching Methodology	Chalk and Talk, Power point and Field visit
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Book for Study

1. Department of Human Excellence, (2021). *Environmental Studies*.

Books for Reference

1. Rathor, V.S. & Rathor B. S. (2013). *Management of Natural Resources for Sustainable Development*. Daya Publishing House.
2. Sharma P.D. (2010). *Ecology and Environment*, (8th Ed.). Rastogi Publications.
3. Agrawal, A & Gibson, C.C. (2001). *Introduction: The Role of Community in Natural Resource Conservation*. Rutgers University Press.

Websites and eLearning Sources

1. <https://www.unep.org/>
2. <http://moef.gov.in/en/>
3. <https://www.ipcc.ch/reports/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	identify the concepts related to global ecology and the environment	K1
CO2	comprehend the natural resources and environmental organizations	K2
CO3	apply the acquired knowledge to sensitize individuals and public about the environmental crisis	K3

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
2	23UHE24AE01	Ability Enhancement Compulsory Course - 2: Environmental Studies								2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO 4	PSO 5	
CO1	3	2	1	2	2	3	2	2	2	2	2.1
CO2	3	2	1	2	2	3	2	2	2	2	2.1
CO3	3	2	2	2	2	2	3	2	1	2	2.1
Mean Overall Score										2.1 (Medium)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UTA31GL03	General Tamil - 3	4	3

கற்றலின் நோக்கங்கள்				
தனிப்பாடல்களின் பாடற்பொருளை அறிதல்				
சிற்றிலக்கியங்களின் வகைகளையும் வகைமைகளையும் அறிதல்				
இடைக்காலப் புலவர்களின் பங்களிப்பை உணர்தல்				
சிற்றிலக்கியங்களின் பாடுபொருள், தனித்தன்மை, மரபு ஆகியவற்றை அறிதல்				
சிற்றிலக்கியங்கள்வழி தமிழின் வளர்ச்சி நிலையை அறிதல்				

அலகு - 1

(12 மணி நேரம்)

ஒளவையார்

காவிரியே தார்வேந்தன் (16) கற்றது கைமண்ணளவு (39) மதியாதார் முற்றம் (42)
இனியது கேட்கின் (55) தாயொடு அறுசுவை (64)

காளமேகப் புலவர் -

நஞ்சிருக்குத் தோலுரிக்கு நாதர்முடி(4) ஒடுஞ் சுழிசுத்த முண்டமாகும் (16)
அடிநந்தி சேர்தலால் ஆகம் (22) செருப்புக்கு வீரரைச் சென்றுழக்கும் (52)

துதிவாணி வீரம் (80)

இராமச்சந்திர கவிராயர் - வஞ்சகர்பா னடந்தலைந்த - 19
பொற்களந்தைப் படிக்காகத் தம்பிரான் - குட்டுதற்கோபிள்ளைப் பாண்டிய - 21
தமிழ்விடுதலாது, - கண்ணிகள் 19 முதல் 62 வரை
கலிங்கத்துப்பரணி - தேவியைப் பரவியது, பாடல் 121 முதல் 134 வரை

அலகு - 2

(12 மணி நேரம்)

முக்கூடற்பள்ளு - நாட்டுப்படலம் பாடல்கள் 19 - முதல் 27 வரை
முத்துகுமாரசாமி பிள்ளைத்தமிழ் - அம்புலிப்பருவம் முதல் 5 பாடல்கள்
அறிஞர் அண்ணா - வேலைக்காரி நாடகம்

அலகு - 3

(12 மணி நேரம்)

திருக்குற்றாலக்குறவஞ்சி - மலைவளம் (6 பாடல்கள்)
இலக்கியவரலாறு - சிற்றிலக்கியங்கள்
நற்றமிழ்க்கோவை கட்டுரைகள் 7, 8, 9

அலகு - 4

(12 மணி நேரம்)

தாயுமானவர் திருப்பாடல்கள் - பராபரக்கண்ணி 7 முதல் 30 வரை உள்ள கண்ணிகள்
இலக்கணம் - அணிகள்
குணங்குடி மஸ்தான் சாகிபு - குறை இரங்கி உரைத்தல் - 7 பாடல்கள்

அலகு - 5

(12 மணி நேரம்)

திருவருட்பா - திருக்கதவம் திறத்தல்
இலக்கிய வரலாறு - இடைக்காலப் புலவர்கள், நாடகத்தமிழ்
நற்றமிழ்க்கோவை - கட்டுரைகள் - 10, 11, 12

கற்பித்தல் முறை	விரிவுரை (Lecture), காணொளிக் காட்சி (Videos), விளக்கக் காட்சி (PPT presentation)
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பாட நூல்கள்

1. தமிழாய்வுத்துறை (2023), பொதுத்தமிழ்-3, தூய வளனார் கல்லூரி
2. தமிழாய்வுத்துறை (2021), நற்றமிழ்க்கோவை, தூய வளனார் கல்லூரி

பார்வை நூல்கள்

1. செயராமன் ந. வீ. (1967), சிற்றிலக்கியச் செல்வம், மணிவாசகர் பதிப்பகம்
2. பொன்னுசாமி (2023), சிற்றிலக்கிய வரலாறு, இரண்டு தொகுதிகள், பாரிநிலையம்
3. சண்முகம் பிள்ளை மு. (2022), சிற்றிலக்கிய வகைகள், மணிவாசகர் பதிப்பகம்

Websites and eLearning Sources

1. <https://ta.wikipedia.org/wiki/>
2. <https://www.britannica.com/science/Siddha-medicine>

3. <https://nischennai.org/main/siddha-medicine/>
4. <https://tamil.hindustantimes.com/>
5. <https://www.tamiluniversity.ac.in/english/library2-/digital-library/>
6. <https://www.tamilelibrary.org/>
7. www.projectmadurai.or
8. <http://www.tamilvu.org/ta/library-libcontnt-273141>
9. <https://www.tamildigitallibrary.in/>
10. <https://noolaham.org/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	இப்பாடத்தின் நிறைவில் மாணவர்கள்	
CO1	இடைக்காலப் புலவர்களின் பாட்டுத்திறனை அறிந்து கொள்வர்	K1
CO2	சிறநிலக்கிய வகைகளையும் வகைமைகளையும் அறிந்து கொள்வர்	K2
CO3	பள்ளு, பரணி, பிள்ளைத்தமிழ், குறவஞ்சி போன்ற இலக்கியங்கள் வழி வீரம், பக்தி, காதல் உணர்வை அறிந்து கொள்வர்	K3
CO4	சிறநிலக்கியங்களின் அமைப்பு பாட்டு வடிவங்களை அறிந்து கொள்வர்	K4
CO5	இடைக்காலத் தமிழ் வளர்ச்சி நிலையை அறிந்து கொள்வர்	K5

Relationship Matrix												
Semester	Course Code		Title of the Course								Hours	Credits
3	23UTA31GL03		General Tamil - 3								4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	2	3	2	3	2	3	3	2	2.5	
CO2	2	2	2	3	3	2	2	3	3	2	2.4	
CO3	3	3	2	3	3	2	2	3	3	3	2.7	
CO4	3	2	2	3	2	3	2	3	2	3	2.5	
CO5	2	3	2	3	2	3	2	3	2	3	2.5	
Mean Overall Score											2.52 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UFR31GL03	French - 3	4	3

Course Objectives

To analyse the French clothing with respect to its culture
To apply prepositions and understand its usages
To analyse a contemporary text in present tense
To evaluate the French festivals and compare with their own cultural context
To apply the past tense using simple conversation

UNIT I (12 Hours)

- TITRE: Vivre la ville
- GRAMMAIRE : la comparaison, les prépositions avec les noms géographiques, les pronoms personnels COI, le pronom y (le lieu)
- LEXIQUE : se repérer sur un plan de ville, la ville, les lieux de la ville
- PRODUCTION ORALE : demander et indiquer une direction dans un dialogue
- PRODUCTION ECRITE : décrire votre ville natale, créez les affiches en appréciant votre ville

UNIT II (12 Hours)

- TITRE: Visiter une ville
- GRAMMAIRE : la position des pronoms compléments, les verbes du premier groupe en – ger et – cer, les verbes ouvrir et accueillir
- LEXIQUE : dire les informations sur une ville de votre choix, les transports, les points cardinaux, les prépositions de lieu
- PRODUCTION ORALE : Indiquer le chemin
- PRODUCTION ECRITE : Demander des renseignements touristiques

UNIT III (12 Hours)

- TITRE: On vend ou on garde
- GRAMMAIRE : la formation du pluriel, les adjectifs de couleurs, l'adjectif beau, nouveau, vieux
- LEXIQUE : savoir comment s'habiller des grandes occasions, les couleurs, les formes, les matériaux
- PRODUCTION ORALE : comprendre une présentation de catalogues vestimentaires en France
- PRODUCTION ECRITE : adresser des souhaits à quelqu'un

UNIT IV (12 Hours)

- TITRE: Ventes d'autrefois, ventes d'aujourd'hui
- GRAMMAIRE : les pronoms relatifs qui et que, l'imparfait, les verbes connaître, écrire, mettre et vendre, la question avec inversion
- LEXIQUE : comprendre la description de personnes dans un extrait de roman, les mesures, l'informatique
- PRODUCTION ORALE : imaginez un dialogue avec un personnage célèbre. Utilisez l'inversion.
- PRODUCTION ECRITE : écrire une biographie en utilisant les pronoms relatifs

UNIT V

(12 Hours)

- TITRE: Félicitations! / On voyage!
- GRAMMAIRE : les pronoms démonstratifs, les articles : particularités, les pronoms interrogatifs variables : lequel, les adverbes de manières, les verbes recevoir et conduire
- LEXIQUE : les moyens de transports, les voyages, les fêtes, l'aéroport et l'avion, la gare et le train, l'hôtel
- PRODUCTION ORALE : Présenter ses vœux–
- PRODUCTION ECRITE : Faire une réservation

Teaching Methodology	PPT Presentation, Seminar, Video Assignments
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Book for Study

1. Dauda, P., Giachino, L., & Baracco, C. (2016). *Generation AI*. Didier.

Books for Reference

1. Girardet, J., & Pecheur, J. (2017). *Echo AI*. (2nd Ed.). CLE International.
2. Mérieux, R., & Loiseau, Y. (2012). *Latitudes AI*. Didier.
3. Fournier, I. (2011). *Talk French*. Goyal Publishers.

Websites and eLearning Sources

1. <https://français.lingolia.com/en/grammar/prepositions>
2. <https://www.lawlessfrench.com/grammar/present-tense/>
3. <https://www.thoughtco.com/textures-french-adjectives-and-expressions-1368980>
4. <https://study.com/academy/lesson/past-tense-in-french.html>
5. <https://absolutely-french.eu/french-celebrations/?lang=en>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	relate colours, materials and shapes to the french clothing.	K1
CO2	select appropriate prepositions in giving directions.	K2
CO3	construct a text in present tense using different verbs.	K3
CO4	examine the travel manners and celebrations of the French.	K4
CO5	justify the usage of past tense in a biography.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
3	23UFR31GL03	French - 3									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	1	2	2	3	2	3	1	2	3	2.1	
CO2	3	2	3	3	1	2	1	2	2	3	2.2	
CO3	2	1	3	2	2	3	1	3	2	2	2.1	
CO4	3	1	3	2	3	3	3	1	2	3	2.4	
CO5	3	2	3	2	2	3	3	2	2	1	2.3	
Mean Overall Score											2.22 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UHI31GL03	Hindi - 3	4	3

Course Objectives

To appreciate the features of Modern Hindi Prose
To understand the Hindi literature in association with the contemporary requirements
To enable the students to develop their effective communicative skills in Hindi
To strengthen the language competence among the students
To empower the students with globally employable soft skills

UNIT I (12 Hours)

- Tera Sneh Na Khoon
- Samband Bodak
- Reethikal - Namakarn
- Tense

UNIT II (12 Hours)

- Himadri Thung Sring Se
- Paribakshik Shabdavali
- Smuchaya Bodak
- Reethikal - Samajik Paristhithiyam

UNIT III (12 Hours)

- Insan Our Kuthae
- Vismayadi Bodak
- Reethikal - Sahithyik Paristhithiyam
- Reethikal - Salient Features

UNIT IV (12 Hours)

- Shokgeeth
- Avikary Shabdh
- Reethikal - Main Divisions
- Social Media and Modern World

UNIT V (12 Hours)

- Reethikal - Visheshathayem
- Anuvad
- Bahoo Ki Vidha (One Act Play)

Teaching Methodology	Videos, PPT, Quiz, Group Discussion, Case Based Problem Solving
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Books for Study

1. Jain, S.K. (2019). *Anuwad: Siddhant Evam Vyavhar*. Kailash Pustak Sadan.
2. Gupth, K. M. (2020). *Hindi Vyakaran*, Anand Prakashan.
3. Bosalae, S. (2020). *kavya sarang*. Rajkamal Prakashan.

Books for Reference

1. Ramdev. (2016). *Vyakaran Pradeep*. Hindi Bhavan.

2. Singh, L.P. (2017). *Kavya Ke Sopan*. Bharathy Bhavan Prakashan.
3. Shukla, A.R. (2021). *Hindi Sahitya Ka Itihas*, Prabhat Prakashan.
4. Gosamy, K. (2016). *Anuvad vigyan ki Bhumika*. Rajkamal Prakashan.

Websites and eLearning Sources

1. <https://www.hindwi.org/poets/jaishankar-prasad/all>
2. <https://youtu.be/e9wK-pYfVPc>
3. <https://www.amarujala.com/kavya/sahitya/sumitranandan-pant-best-hindi-poems>
4. <https://mycoaching.in/samuchchay-bodhak-kya-hai>
5. <https://www.subhshiv.in/2021/06/avikari-shabd.html>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of the course, the student will able to	
CO1	find out the dialects of Hindi language.	K1
CO2	compare the poems of Sumithra Nandanpanth, Prasad & Bachan in Context with their experience of life.	K2
CO3	illustrate the importance given to family ethics by the youth in the modern period according to “Bahoo Ki vidha” One Act play.	K3
CO4	categorize the poetics in some selective poems.	K4
CO5	justify the social & political conditions of Devotional period in Hindi Literature.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course					Hours	Credits				
3	23UHI31GL03	Hindi - 3					4	3				
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	3	3	2	3	2	1	3	2	2.4	
CO2	3	2	3	2	2	3	2	3	2	3	2.5	
CO3	3	2	2	3	1	3	2	3	2	3	2.4	
CO4	2	3	3	2	3	2	3	3	2	1	2.4	
CO5	3	2	2	3	3	2	1	3	2	3	2.4	
Mean Overall Score											2.42 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23USA31GL03	Sanskrit - 3	4	3

Course Objectives
To introduce simple poetry in Sanskrit
To give an exposure to the Vedas and Vedangas
To acquaint students with epics and puranas
To train students in conjugation of verbs in future tense
To introduce Upasarga-s and their role in verb formations

UNIT I (12 Hours)

Ramodantam , Balakandam (1-15 verses)

UNIT II (12 Hours)

Ramodantam, Balakandam (15-30 verses)

UNIT III (12 Hours)

Vedas - Vedangas vivaranam

UNIT IV (12 Hours)

Asta dasha Purana and Dashopanishads

UNIT V (12 Hours)

Upasargas and Bhavishyat Kaalah Vakya Prayoga

Teaching Methodology	Videos, PPT, Blackboard, Demonstration, Exercises
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Books for Study

1. Vedic literature
2. Ramodantam

Books for Reference

1. Parameshwara. (2018). *Ramodantam*. LIFCO Chennai.
2. Vadhyar, R. S., & Sons. (2019). *History of Sanskrit Literature*, Book - sellers and publishers , Kalpathu ,Palghat, Kerala , south India.
3. Kulapathy, K.M Saral *Sanskrit Balabodh, Bharathita vidya bhavan*, Munshimarg.

Websites and eLearning Sources

1. <https://www.scribd.com/doc/210917188/Sri-Ramodantam-Sanskrit-Text-With-English-Translation>
2. <http://www.sushmajee.com/ms-ppp/text/ved-notes.pdf>
3. <https://occr.org.in/publication/Vedanga.pdf>
4. https://www.forgottenbooks.com/en/download/TheThirteenPrincipalUpanishadsTranslatedFromtheSanskrit_10017247.pdf
5. <https://www.learn Sanskrit.org/guide/uninflected-words/the-upasarga/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	remember Characters and events of Ramayana	K1
CO2	understand social ethics and moral duties.	K2
CO3	apply the values learnt, in day to day life	K3
CO4	appreciate the Vedic Philosophy	K4
CO5	evaluate and create new words with upasargas	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
3	23USA31GL03	Sanskrit - 3									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	2	3	3	3	3	3	2	1	2.3	
CO2	3	3	2	3	3	2	2	3	3	3	2.7	
CO3	3	3	1	3	3	1	1	3	3	3	2.4	
CO4	2	2	1	2	3	2	2	3	2	1	2.0	
CO5	3	3	2	3	2	2	3	3	3	2	2.6	
Mean Overall Score											2.4 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UEN32GE03	General English - 3	5	3

Course Objectives

To develop strategies to enhance reading skills through teacher-led practices, promoting comprehension, critical analysis, and creative engagement with various genres.
To strengthen informal and formal letter writing skills.
To analyze and appreciate different literary forms, including anecdotes, biographies, poems, and prose, fostering critical thinking and creative expression.
To practice applying grammatical structures, including the simple future and future continuous tenses, in writing tasks.
To engage in critical discussions through reading and writing about societal issues.

UNIT I: Suggestions to Develop Your Reading Habit (13 Hours)

- 1.0 Introduction
- 1.1 Objectives
- 1.2 Listening and Reading Skills through Teacher-led Reading Practice
- 1.3 Glossary
 - 1.3.1 Words
 - 1.3.2 Phrases
- 1.4 Reading Comprehension
- 1.5 Critical Analysis
- 1.6 Creative Task
- 1.7 General Writing Skill: Letter Writing: Informal
- 1.8 Grammar: Simple Present Tense

UNIT II: The Secret of Success: An Anecdote (13 Hours)

- 1.9 Introduction
- 2.0 Objectives
- 2.1 Listening and Reading Skills through Teacher-led Reading Practice
- 2.2 Glossary
 - 2.3.1 Words
 - 2.3.2 Phrases
- 2.4 Reading Comprehension
- 2.5 Critical Analysis
- 2.6 Creative Task
- 2.7 General Writing Skills: Letter Writing: Formal
- 2.8 Grammar: Present Continuous Tense

UNIT III: The Impact of Liquor Consumption on the Society (13 Hours)

- 2.9 Introduction
- 3.0 Objectives
- 3.1 Listening and Reading Skills through Teacher-led Reading Practice
- 3.2 Glossary
 - 3.3.1 Words
 - 3.3.2 Phrases
- 3.4 Reading Comprehension
- 3.5 Critical Analysis
- 3.6 Creative Task
- 3.7 General Writing Skills: Letter to Newspaper
- 3.8 Grammar: Simple Past Tense

UNIT IV: Dr. A.P.J. Abdul Kalam: A Short Biography**(12 Hours)**

- 3.9 Introduction
- 4.0 Objectives
- 4.1 Listening and Reading Skills through Teacher-led Reading Practice
- 4.2 Glossary
- 4.3.1 Words
- 4.3.2 Phrases
- 4.4 Reading Comprehension
- 4.5 Critical Analysis
- 4.6 Creative Task
- 4.7 General Writing Skill: Write a letter applying for a job
- 4.8 Grammar: Past Continuous Tense

UNIT V: Golden Rule: A Poem**(12 Hours)**

- 4.9 Introduction
- 5.0 Objectives
- 5.1 Listening and Reading Skills through Teacher-led Reading Practice
- 5.2 Glossary
- 5.3.1 Words
- 5.3.2 Phrases
- 5.4 Reading Comprehension
- 5.5 Critical Analysis
- 5.6 Creative Task
- 5.7 Grammar: Simple Future Tense
- 5.8 General Writing Skill: Circular-Writing

UNIT VI: Hygiene**(12 Hours)**

- 5.9 Introduction
- 6.0 Objectives
- 6.1 Listening and Reading Skills through Teacher-led Reading Practice
- 6.2 Glossary
- 6.3.1 Words
- 6.3.2 Phrases
- 6.4 Reading Comprehension
- 6.5 Critical Analysis
- 6.6 Creative Task
- 6.7 General Writing Skill: Writing an Agenda for a Meeting
- 6.8 Grammar: Future Continuous Tense

Teaching Methodology	Lecture Method, Use of ICT Tools and Interactive method
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Book for Study

1. Jayraj., & Arul, S.J. et al. (2016). *Trend-Setter: An Interactive General English Textbook for Undergraduate Students*. Trinity.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On completion of this course, students will be able to	
CO1	recall and explain the fundamental components of English language and grammar.	K1
CO2	demonstrate their understanding of various texts by summarizing, paraphrasing, and interpreting the contents.	K2
CO3	apply their language and comprehension skills to create written communication.	K3
CO4	critically analyze the texts presented in the course.	K4
CO5	synthesize the language and grammar knowledge to compose creative tasks	K5

Relationship Matrix											
Semester	Course Code		Title of the Course					Hours	Credits		
3	23UEN32GE03		General English - 3					5	3		
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	2	2	3	2	3	2	3	2	2.4
CO2	2	2	3	2	3	3	2	3	2	2	2.3
CO3	2	3	2	3	2	2	3	2	3	2	2.4
CO4	2	2	3	2	3	3	2	3	2	3	2.5
CO5	2	2	2	3	2	2	2	3	2	2	2.2
Mean Overall Score										2.36 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UEC33CC05	Core Course - 5: Macroeconomics - 1	7	5

Course Objectives	
To understand the basic concepts of Macroeconomics and national income.	
To analyse the classical theory of full employment and its advantages.	
To illustrate the Keynesian under employment theory and its applications.	
To evaluate the theories of Consumption and Investment Function.	
To impart students to understand concept of super multiplier.	

UNIT I: Introduction to Macroeconomics and National Income (21 Hours)

Definition - Nature and Scope of Macro Economics - Significance and Limitations - Difference between Micro Economics and Macro Economics - Stock and flow variables - National Income: Definition - Methods of Measurement of National Income - Difficulties in the Measurement of National income - Uses of National Income estimates.

UNIT II: Theories of Employment (21 Hours)

Concept of Employment - Say's Law of Market - Classical theory of Employment - Keynesian Theory of Employment - Determination of Effective demand - Comparison and contrast between Classical and Keynesian contribution.

UNIT III: Consumption Function (21 Hours)

Average and Marginal propensity to consume - Keynes Psychological Law of Consumption - Determinants of Consumption Function - Absolute Income Hypothesis -Duesenberry's Relative Income Hypothesis - Friedman's Permanent Income Hypothesis - Franco-Modigliani's Life Cycle Income Hypothesis.

UNIT IV: Investment Function (21 Hours)

Concept of Investment - Autonomous and Induced Investment - Factors determining Investment: Rate of Interest - MEC- MEI - rate of discount - Prospective yield, supply price - Post-Keynesian theory of Investment demand - IS-LM Function.

UNIT V: Multiplier and Accelerator (21 Hours)

Multiplier - Its working and leakages - Importance and criticisms - Acceleration Principle - Samuelson's and Hicks theories of Accelerator - Super-multiplier.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Jhingan, M. L. (2016). *Macroeconomic Theory*, (13th Revised Ed.). Vrinda Publication (P) Ltd.
2. Gupt, R.D. (2013). *Keynesian and Post Keynesian Economy*. Milestone Publication.

Books for Reference

1. Seth, M. L. (2017). *Macro Economics*, (28th Revised Ed.). Lakshmi Narain Agarwal.
2. Shapiro, E. (2013). *Macroeconomic Analysis*, (13th Ed.). Galgotia.
3. Kennedy, M.J. (2011). *Macroeconomic Theory*. PHI learning Pvt Limited.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	define the basic concepts of Macroeconomics	K1
CO2	explain the importance of investment to expansion of Business	K2
CO3	identify the various principles and theories of Employment	K3
CO4	analyze the measurement of National Income	K4
CO5	judge the ratio of investment through Multiplier and Accelerator.	K5

Course Outcomes												
Semester	Course Code	Title of the Course									Hours	Credits
3	23UEC33CC05	Core Course - 5: Macroeconomics - 1									7	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes(PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	1	2	2	3	1	2	2	1	1.7	
CO2	2	1	3	2	1	2	3	3	2	3	2.2	
CO3	2	2	2	2	2	3	3	3	3	2	2.4	
CO4	3	3	2	2	2	2	3	2	2	3	2.4	
CO5	2	2	3	2	3	2	2	3	2	2	2.3	
Mean Overall Score											2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UEC33CC06	Core Course - 6: Development Economics	6	5

Course Objectives

To understand the development concepts related to developed and underdeveloped countries.
To probe the relationship between demographic indicators and economic development.
To discover how development theories can be applied in research
To correlate the consequences of development activities on environment and its sustainability.
To evaluate the trends of the development indicators of India.

UNIT I: Development concepts (18 Hours)

Economic development and sustainable development - meaning and definition, - Indicators of economic growth and development - Importance of economic development - comparison of various countries; Measurement of economic growth and development - GDP, GDP Per Capita, GNP, GNP Per Capita, PQLI - HDI - GDI and GER; Sustainable Development Goals and its importance.

UNIT II: Demography and Economic Development (18 Hours)

Demographic indicators of development - sex ratio, birth rate, death rate, TFR, MMR, IMR and life expectancy; Demographic dividend and age structure - its effect on economic development; Theory of Demographic Transition; Relationship between population growth and economic development.

UNIT III: Theories of Economic Development (18 Hours)

The Classical theory of Economic Development - an overview; Marxian theory; Rostow's Stages of Economic Growth; Big Push theory and Schumpeter's theory of Innovation.

UNIT IV: Environment and Sustainable development (18 Hours)

Meaning and definition of sustainable development; Effect of economic activity and climate change on economic development; Pollution- types and State regulation of environmental pollution; Renewable resources and sustainable development goals.

UNIT V: Economic Development in India (18 Hours)

Trends in employment, education, health, savings, investment and international trade; Government initiatives in boosting economic development; Recent economic policies of India.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

- Ahuja, H. L. Development Economics - A Critical Study of Economic Growth, Development and Environment. S. Chand & Sons.
- Michael, P. T., & Stephen Smith. (2015). *Economic Development*. Pearson.

Books for Reference

- Sen, A., & Dreze, H. (1995). *India: Economic Development and Social Opportunity*. Clarendon Press.
- Kuhn, R.L. (2011). *How China's Leaders Think: The Inside Story of China's Past*, (1st Ed.). Current and Future Leaders. Wiley.
- Jhingan, M. L. (2014). *Economics of Planning and Development*, (Revised Ed.). S. Chand & Sons.
- Thirlwall, P. (2011). *Economics of Development: Theory and Evidence*, (9th Ed.). Macmillan Education.
- Hayani, I. Y. *Development Economics*. OUP

Websites and eLearning Sources

- <https://web.mit.edu/krugman/www/dishpan.html>
- <http://www.niti.gov.in/>
- <https://ida.worldbank.org/en/what-is-ida>
- <https://www.trade.gov/>
- <https://www.saarc-sec.org/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	define basic development concepts of developed and underdeveloped countries.	K1
CO2	interpret the relationship between demographic indicators and economic development.	K2
CO3	articulate current development issues with development theories to arrive at research-oriented conclusions.	K3
CO4	analyze the impact of economic development on the environment and its sustainability.	K4
CO5	evaluate the trends in economic development indicators of India to enhance future career prospects.	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
3	23UEC33CC06	Core Course - 6: Development Economics								6	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	1	1	3	2	2	2	2	1.9
CO2	2	3	2	1	2	3	3	2	1	3	2.2
CO3	3	3	3	2	2	3	3	3	3	3	2.8
CO4	3	3	2	1	3	2	2	2	2	2	3
CO5	3	3	3	3	2	3	3	3	3	3	2.9
Mean Overall Score										2.56 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UEC33AO01A	Allied Optional - 1: Mathematical Methods in Economics -1	6	4

Course Objectives
To define the basic concepts related to mathematics, symbols, numbers and equations.
To interpret economic relationships through research problems.
To use the analytical skills and forecasting techniques to quantify the economic problems.
To apply the microeconomic theories to the practical household problems.
To analyze the relationship between the variables and nature of relationship.

UNIT I: Set Theory (18 Hours)

Importance of Mathematical methods in Economics - functions and their Properties -Notations of Set - Types of set - Venn diagram - Laws of Set - Operations in Set - Application in Economics.

UNIT II: Straight Line (18 Hours)

Slope - Intercept - Equations of Straight Line - Parallel Lines - Perpendicular lines - Point of intersection of two lines - Application of straight lines in Economics: Supply line - Demand line - Determination of equilibrium price and quantity and elasticity of demand.

UNIT III: Differentiation (18 Hours)

Process and Rules of Differentiation - Differentiation in polynomials x^n , $(ax+b)^2$; $\log x$, e^x , differential coefficient of sum, difference, product, quotient and power - Successive differentiation - Partial derivative - Given $U = f(x,y)$ and $U = f(x,y,z)$ - Higher order partial derivatives - Maxima and Minima with single variable.

UNIT IV: Application of Differentiation in Economics (18 Hours)

Marginal utility, cost and revenue curve applications - Marginal Revenue (MR) and Marginal Cost (MC) - Revenue maximization and Cost minimization.

UNIT V: Integral Calculus and its Applications in Economics (18 Hours)

Rules of Integration - Definite integral - Application in Economics - Total Revenue and Cost Concepts, Consumer's surplus and Producer's surplus.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Dowling, E. *Schaum's Outline of Introduction to Mathematical Economists*, (3rd Ed.). McGraw-Hill Education.
2. Bose, D. (2010). *An Introduction to Mathematical Economics*. Himalaya Publishing House.

Books for Reference

1. Jeganatharaj, A. D., Gnanasekaran, G. & Stanly, P. (1989). *Mathematics for Beginners*.
2. Agarwal, C. S., & Joshi, R. C. (1983). *Mathematics for Economists*. The New Academic Publishing Jalandhar.
3. Sydsaeter, K., & Hammond, P. (2002). *Mathematics for Economic Analysis*. Pearson Educational Asia.

Websites and eLearning Sources

1. <https://www.coursera.org/learn/mathematics-for-economists>
2. <https://mitpress.mit.edu/9780262294805/mathematics-for-economics/>
3. <https://hummedia.manchester.ac.uk/school/soss/economics/pg/psmaths/pre-sessionmathbook.pdf>
4. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	define the basic concepts related to mathematics, symbols, numbers and equations.	K1
CO2	interpret economic relationships through research problems.	K2
CO3	use the analytical skills and forecasting techniques to quantify the economic problems.	K3
CO4	apply the microeconomic theories to the practical household problems.	K4
CO5	analyze the relationship between the variables and nature of relationship.	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
3	23UEC33AO01A	Allied Optional - 1: Mathematical Methods in Economics - 1								6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	3	1	1	3	3	2	2	2.2
CO2	3	3	2	3	1	1	2	3	2	1	2.3
CO3	2	3	3	3	1	1	2	3	2	3	2.3
CO4	3	3	3	3	2	3	3	2	2	1	2.3
CO5	3	3	2	2	1	2	3	2	3	3	2.4
Mean Overall Score										2.3 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UEC33AO01B	Allied Optional - 1: Data Analysis for Economics	6	4

Course Objectives
To Understand data sources and collection methods.
To analyze univariate frequency distributions.
To explore Bivariate Frequency Distributions and Correlation.
To explore the notions of independence of events, random variables, and probability distributions.
To Learn Estimation Techniques for Population Parameters.

UNIT I: Sources of data (18 Hours)

Primary and Secondary data - Methods of collecting Primary Data - Drafting the Questionnaire - Pilot Survey - Pre-testing the Questionnaire - Secondary data - Sources - Precautions in the use of Secondary Data- Census and Sample Method.

UNIT II: Univariate frequency distributions (18 Hours)

Measures of central tendency: Arithmetic Mean, median and mode; geometric and harmonic mean - Measures of dispersion - Skewness and kurtosis.

UNIT III: Bivariate frequency distribution (18 Hours)

Methods of Studying Correlation: Scatter Diagram Method, Graphic Method, Karl Pearson's Coefficient of Correlation, Spearman's Rank Correlation-Regression-Regression Lines - Regression Equations of X on Y and Y on X Only - Regression Coefficients

UNIT IV: Introduction to probability theory (18 Hours)

Notions of random experiment, sample space, event, probability of an event - Conditional probability - Independence of events - Random variables and probability distributions - Binomial and normal distributions.

UNIT V: Estimation of population parameters from sample data (18 Hours)

Unbiased estimators for population mean and variance - Basics of index numbers: price and quantity index numbers.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Book for Study

- Gupta, S. P. (2021). *Statistical Methods*. Sultan Chand & Sons.

Books for Reference

- Gupta, S. P. (2014). *Elementary Statistical Methods*. Sultan & Chand Publishers.
- Pillai, R. S. N., & Bagavathi, V. (2010). *Statistics, Theory and Practice*. S. Chand.
- Croxton, F. E., Cowden, D. J., & Klein, S. (1939). *Applied General Statistics*. Prentice-Hall.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	explain the theory behind the descriptive statistics like measures of central tendency and measures of dispersion	K1
CO2	understand basic counting techniques to compute probability.	K2
CO3	apply the skills of sampling techniques used to collect the data in social science.	K3
CO4	calculate various methods of correlation and compute and interpret simple linear regression between two variables.	K4
CO5	categorize different types of index numbers and apply the importance of index numbers in Indian Economy.	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
3	23UEC33A001B		Allied Optional - 1: Data Analysis for Economics							6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	2	1	2	3	2	1	2.3
CO2	3	3	2	3	1	3	3	2	2	1	2.3
CO3	3	2	2	3	1	2	3	3	2	2	2.3
CO4	2	3	3	3	1	2	2	3	2	2	2.3
CO5	3	3	1	2	2	3	3	2	2	1	2.2
Mean Overall Score										2.3 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UHE34VE03A	Value Education - 3: Social Ethics - 1	2	1

Course Objectives
To gain a comprehensive understanding of the principles advocated in social ethics.
To examine the different types of political systems in a thorough manner.
To comprehend the role and obligations of the educated youth.
To evaluate the conduct of the elected representatives in a detailed manner.
To thoughtfully analyze the various forms of cyber crime.

UNIT I: Introduction to Social Ethics (6 Hours)

Social ethics, social ethics and social responsibility, social ethics play an important role on the areas, religion influences social changes and vice versa, secularism. Social ethics and corporate dynamics, forms of social ethics.

UNIT II: The Economic and Political System of Today (6 Hours)

Planned economy and communism - market economy and capitalism- socialism - mixed economy -the emerging market economy - political system- totalitarian system- oligarchic system.

UNIT III: Integrity in Public Life National Integration (6 Hours)

What is Integrity, Public Life, Integrity and Public Life, Integrity in a Democratic State, India as Democratic State, Behavior of a elected representative of India, Noticeable degradation acts of elected Representatives, Suggestions to stem this rot, Types of integrity, Transparency can be a guarantee for integrity.

UNIT IV: Cyber Crime (6 Hours)

Business Ethics, Business ethics permeates the whole organization, Measuring business ethics , The Vital factors highlighting the importance of business ethics , Cyber crime, Strategies in committing Cyber Crimes, Factors aiding Cyber Crime, computer Hacking, Cyber Bullying, Telecommunications piracy, Counter Measures to Cyber Crime, Ethical Hacking.

UNIT V: Social Integration (6 Hours)

Global challenges, The future is with the Educational Youth, Cost of the Sacrifice, Crusaders against corruption, Responsibility of the Educated Youth, Positive Global Scenario, Right to Education, Eradicating gender inequality, Sustainable Human Development , Social Integration, Elimination Crime, Integration with Global Market

Book for Study

1. Department of Human Excellence. (2021). *Formation of Youth*, St Joseph's College (Autonomous), Tiruchirappalli.

Books for Reference

1. Arora, R.K. (2014). *Ethics, Integrity and Values*. Public Service Paperback.
2. Cunningham, D. (2004). *There's something happening here: The new left, the Klan, and FBI counterintelligence*. Berkeley: University of California Press.
3. Mali, P. (2017). *Cyber law & Cyber Crimes simplified*. Cyber Info media Paperback.
4. Richardson, M. (2019). *Cyber Crime: Law and Practice Hardcover - Import*.

Websites and eLearning Sources

1. <https://cybercrime.gov.in/>
2. <https://open.lib.umn.edu/sociology/chapter/14-2-types-of-political-systems/>

3. <https://www.esv.org/resources/esv-global-study-bible/social-ethics/>
 4. https://en.wikipedia.org/wiki/Political_system

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	know the responsibility of the educated youth.	K1
CO2	understand the values prescribed under social ethics.	K2
CO3	apply their minds critically to the various types of cyber crime.	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
3	23UHE34VE03A	Value Education - 3: Social Ethics - 1									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	2	3	2	2	3	3	2.7	
CO2	3	2	2	2	3	2	2	3	2	2	2.3	
CO3	2	3	3	3	2	3	3	3	3	3	2.8	
Mean Overall Score											2.6 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
3	23UHE34VE03B	Value Education - 3: Religious Doctrine - 1	2	1

Course Objectives
To impart knowledge to students about Salvation History
To familiarize students with the life and mission of Jesus Christ
To help Students understand the Holy Spirit
To empower students on Gospel Values
To equip the students about Mother Mary

UNIT I:	God of salvation	(6 Hours)
UNIT II:	Life & Mission of Jesus Christ	(6 Hours)
UNIT III:	The Holy Spirit	(6 Hours)
UNIT IV:	Gospel Values	(6 Hours)
UNIT V:	Mary, the Mother of God	(6 Hours)

Teaching Methodology	Chalk and Talk, Power point, Assignment and Group discussion
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Books for Study

1. Department of Human Excellence. (2022). *Fullness of Life*. St. Joseph's College, Tiruchirappalli.

Books for Reference

1. (1994). *Compendium: Catechism of the Catholic Church*. Bengaluru: Theological Publications in India.
2. Holy Bible (NRSV).

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	understand the Salvation History	K1
CO2	grasp to the life and purpose of Jesus Christ	K2
CO3	live out the teachings of the Gospel	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
3	23UHE34VE03B	Value Education - 3: Religious Doctrine - 1									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	2	3	2	2	3	3	2.7	
CO2	3	2	2	2	3	3	3	3	2	2	2.5	
CO3	2	2	3	3	2	2	3	3	3	3	2.6	
Mean Overall Score											2.6 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UTA41GL04C	General Tamil - 4: வணிகத் தமிழ் (Business Tamil)	4	3

கற்றலின் நோக்கங்கள்				
வணிகம் அன்றாட வாழ்வில் செலுத்தும் தாக்கத்தைக் கண்டறிதல்				
பண்டைத்தமிழர் வாழ்வில் இடம்பெற்ற வணிகத்தின் சிறப்பைக் கற்றுக்கொள்ளுதல்				
பழந்தமிழகம் உலக நாடுகளுடன் கொண்ட வணிக மேலாண்மையை அறிந்துகொள்ளுதல்				
திறனாய்வு நோக்கில் வணிகவியலை ஆராய்தல்				
இலக்கியங்கள்வழி வணிகம்சார் விழுமியங்களைக் கண்டுணர்தல்				

அலகு 1 (12 மணி நேரம்)
பட்டினப்பாலை

மாஅகாவிரிமணம் கூட்டும் (116-125) வான் முகந்தநீர் மலை (126-141)
சேவடிச் செறிகுறங்கின் (146-158) செல் கதிர் நுழையாச் செழுநகர் (183-193)
நெடுநுகத்துப் பகல் போல (206-218)
உரைநடைக்கட்டுரை: சங்ககால மக்களின் உற்பத்தியும், வணிகமும்

அலகு 2 (12 மணி நேரம்)

அவரோவாரார், முல்லையும் பூத்தன (குறுந்தொகை- 221)
முள்ளெயிற்றுப் பாண்மகள் (ஐங்குறுநூறு (மருதத்திணை) - புலவிப்பத்து 47)
கான் உறைவாழ்க்கை (புறநானூறு 33: 1-7)
சிறுகுழை துயல்வரும் காதில், பணைத்தோள் (பெரும்பாணாற்றுப்படை, 161-168)
தேனெய்யொடு கிழங்குமாறியோர் (பொருநராற்றுப்படை, 214-221)
உரைநடைக்கட்டுரை : சங்க இலக்கியங்களில் பண்டமாற்று

அலகு 3 (12 மணி நேரம்)

திருக்குறள் (2 அதிகாரங்கள்): வினைத்திட்டம், பொருள்செயல்வகை உரைநடைக்கட்டுரை.
பண்டையதமிழர்களின் பிறநாட்டுவணிகத் தொடர்பும்,
துறைமுகங்களும்

அலகு 4 (12 மணி நேரம்)

புதினம் - கோலங்களும் கோடுகளும் - ராஜம் கிருஷ்ணன் வணிகக் கடிதங்கள் - பொதுஅமைப்பு மற்றும்
படிவங்கள் - தகவல் தொடர்புப் பதிவேடுகளை உருவாக்குதல், பராமரித்தல் உரைநடைக்கட்டுரை:
பண்டைய தமிழர்களின் வணிக மேலாண்மை

அலகு 5 (12 மணி நேரம்)

வணிகவியல் கலைச்சொற்கள் பயன்பாடு - வணிகக் கட்டுரை எழுதுதல் - வணிகம்சார் ஆங்கிலக்
கட்டுரையைத் தமிழில் மொழிபெயர்த்தல் - வணிக நிறுவனம் குறித்த ஆய்வறிக்கை - வணிகம்சார் நிகழ்வு/
செய்திகளைத் திறனாய்வு செய்தல்; உரைநடைக்கட்டுரை: பன்முகநோக்கில் உலகமயமாக்கல்

கற்பித்தல் முறை	விரிவுரை (Lecture), காணொளிக் காட்சி (Videos), விளக்கக் காட்சி (PPT presentation)
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பாட நூல்கள்

1. தமிழாய்வுத்துறை. (2021). வணிகத்தமிழ். தூய வளனார் தன்னாட்சிக் கல்லூரி.
2. ராஜம் கிருஷ்ணன். (2021). கோலங்களும் கோடுகளும். தூய வளனார் தன்னாட்சிக் கல்லூரி.
3. மூர்த்தி அ. கி. (1994). வணிகவியல் அகராதி. மணிவாசகர் பதிப்பகம்.

பார்வை நூல்கள்

1. ஜெயமோகன். (2022). வணிக இலக்கியம். விஷ்ணுபுரம் பதிப்பகம்.
2. நரசய்யா. (2005). கடல்வழி வணிகம். பழனியப்பா பிரதர்ஸ்.
3. மயிலை சீனி வேங்கடசாமி. (1978). பழங்காலத் தமிழர் வாணிகம். நியூ செஞ்சரிபுக் ஹவுஸ்.

Websites and eLearning Sources

1. www.creativecommons.org

2. www.tamildigitallibrary.in
3. <https://www.tamiluniversity.ac.in/english/library2-/digital-library/>
4. <https://www.tamilelibrary.org/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	இப்பாடத்தின் நிறைவில் மாணவர்கள்	
CO1	பண்டைய தமிழர்களிடம் மேலோங்கியிருந்த வணிகவியல் சிந்தனைகளை அறிந்துகொள்வர்.	K1
CO2	பண்டைய இலக்கியங்களுள் வெளிப்படும் வணிகவியல் மேலாண்மைத் தொடர்புகளை அறிந்துகொள்வர்.	K2
CO3	வணிகக்கடிதங்கள், பொதுஅமைப்பு மற்றும் படிவங்கள், பதிவேடுகளை உருவாக்குதல், பராமரித்தல் ஆகியவற்றைக் கற்றுக்கொள்வர்	K3
CO4	புத்திலக்கியங்களுள் வணிகவியல் கூறுகள் பெற்றுள்ள இடத்தை ஆய்ந்து அறிவர்	K4
CO5	வணிகவியல் கலைச்சொற்களைத் தமிழில் கற்றுக் கொண்டு வணிகத்தமிழ்துறை வளரத் துணைபுரிவர்	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UTA41GL04C	General Tamil - 4:வணிகத் தமிழ் (Business Tamil)									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	3	2	2	3	3	2	2	2	2.2	
CO2	2	2	3	2	2	2	3	2	3	2	2.3	
CO3	1	2	2	3	2	2	2	3	3	3	2.3	
CO4	2	2	3	2	2	3	2	3	3	2	2.4	
CO5	3	1	2	2	2	2	3	2	3	3	2.3	
Mean Overall Score											2.3 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UFR41GL04	French - 4	4	3

Course Objectives
To analyse the French clothing with respect to its culture
To apply prepositions and understand its usages
To analyse a contemporary text in present tense
To evaluate the French festivals and compare with their own cultural context
To apply the past tense using simple conversation

UNIT I (12 Hours)

- TITRE: On fait le mélange!
- GRAMMAIRE : le présent progressif, les pronoms possessifs, la phrase négative
- LEXIQUE : décrire les étapes d'une action, la maison, les tâches ménagères
- PRODUCTION ORALE : comprendre le récit d'un voyage
- PRODUCTION ECRITE : raconter ses actions quotidiennes

UNIT II (12 Hours)

- TITRE: à propos de logement
- GRAMMAIRE : quelques adjectifs et pronoms indéfinis, les verbes lire, rompre et se plaindre
- LEXIQUE : la localisation et le logement, les pièces, meubles et équipement
- PRODUCTION ORALE : jeu de rôle –votre ami et vous s'installe dans un nouveau meuble
- PRODUCTION ECRITE : décrire votre maison/appartement

UNIT III (12 Hours)

- TITRE: Tous en forme!
- GRAMMAIRE : le passé composé et l'imparfait, le passé récent, l'expression de la durée
- LEXIQUE : un souvenir et les événements du passés, le corps humain : extérieur, le corps humain : intérieur
- PRODUCTION ORALE : échanger sur ses projets de vacances
- PRODUCTION ECRITE : raconter un souvenir

UNIT IV (12 Hours)

- TITRE: Accidents et catastrophes
- GRAMMAIRE : les adjectifs et les pronoms indéfinis : rien/ personne/aucun, les verbes dire, courir et mourir
- LEXIQUE : savoir les mots et les expressions des catastrophes naturelles, les maladies et les remédies, les accidents, les catastrophes naturelles
- PRODUCTION ORALE : comprendre des personnes qui expriment leur accord ou leur désaccord selon un thème donné
- PRODUCTION ECRITE : écrivez sur une catastrophe naturelle en articulant la cause et la conséquence

UNIT V (12 Hours)

- TITRE: Faire ses études a l'étranger/ bon voyage/ la météo
- GRAMMAIRE : les pronoms démonstratifs neutres, le futur simple, situer dans le temps, moi aussi/non-plus – moi non/si, les verbes impersonnels, les verbes croire, suivre et pleuvoir

- LEXIQUE : savoir vivre en France, le système scolaire, les formalités pour partir à l'étranger, la météo
- PRODUCTION ORALE : exprimer son opinion sur la météo/parler de l'avenir
- PRODUCTION ECRITE: comparer le système scolaire français et indien

Teaching Methodology	Workshop, group activity, Sharing contemporary french cultural videos
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Book for Study

1. Dauda, P., Giachino, L., & Baracco, C. (2016). *Generation AI*. Didier.

Books for Reference

1. Girardet, J., & Pecheur, J. (2017). *Echo AI*. (2nd Ed.). CLE International.
2. Mérieux, R., & Loiseau, Y. (2012). *Latitudes AI*. Didier.
3. Fournier, I. (2011). *Talk French*. Goyal Publishers.

Websites and eLearning Sources

1. <https://www.frenchcourses-paris.com/french-travel-journal/>
2. <http://www.saberfrances.com.ar/vocabulary/house.html>
3. <https://www.thoughtco.com/different-past-tenses-in-french-1368902>
4. <https://www.youtube.com/watch?v=JZdwJM7sEY8>
5. <https://www.scholaro.com/pro/Countries/France/Education-System>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	recall the vocabulary pertaining to dwelling place.	K1
CO2	outline crisis management in France.	K2
CO3	develop a travel diary of your own.	K3
CO4	simplify the French education system.	K4
CO5	interpret past tenses in a text.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UFR41GL04	French - 4									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	1	3	2	2	3	2	1	2	2	2.1	
CO2	3	1	2	3	3	3	2	1	3	1	2.2	
CO3	3	2	3	2	2	3	2	1	3	2	2.3	
CO4	3	1	2	2	3	3	3	1	3	3	2.4	
CO5	2	2	3	3	1	3	1	2	3	2	2.2	
Mean Overall Score											2.24 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UHI41GL04	Hindi - 4	4	3

Course Objectives
To strengthen the language competence among the students
To equip students with cinematic perspective by comparative studies of Hindi literature
To enable the students to develop their effective communicative skills in Hindi
To strengthen the language competence among the students
To incept research-oriented aspirations among students

UNIT I (12 Hours)

- Computer Ka Yug
- Prathyay
- Adhunik Kal – Namakarn
- Namakaran

UNIT II (12 Hours)

- Vigyan Hani/Labh
- Paryayvachy Shabdh
- Adhunik Kal - Samajik Paristhithiyam
- Samanarthy Shabdh

UNIT III (12 Hours)

- Nari Shiksha
- Upasarg
- Adhunik Kal – Sahithyik Paristhithiyam
- Adhunik Kal – Salient Features

UNIT IV (12 Hours)

- Review- Book/Film
- Paryavaran Pradookshan
- Adhunik Kal - Main Divisions
- Adhunik Kal - Visheshathayem

UNIT V (12 Hours)

- Sapnom Kee Home Delivery (Novel)
- Anuvad

Teaching Methodology	Debate Participation, Videos, PPT, Quiz, Project Work
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Books for Study

1. Bosalae, S. (2020). *kavya sarang*. Rajkamal Prakashan.
2. Gupt, M. K. (2020). *Hindi Vyakaran*. Anand Prakashan.
3. Jain, S.K. (2019). *Anuvad: Siddhant Evam Vyavhar*. Kailash Pustak Sadan.

Books for Reference

1. Chaturvedi, R.P. (2015). *Hindi vyakarana*. Upakar Prakashan.
2. Ramdev. (2016). *Vyakaran Pradeep*. Hindi Bhavan.
3. Gosamy, K. (2016). *Anuvad vigyan ki Bhumika*. Rajkamal Prakashan.
4. Shukla, A. R (2021). *Hindi Sahitya Ka Itihas*, Prabhat Prakashan.

Websites and eLearning Sources

1. <https://youtu.be/xmr-DaQ3LhA>
2. <https://mycoaching.in/adhunik-kaal>
3. <https://m.sahityakunj.net/entries/view/bhartiya-sahitya-mein-anuvad-kee-bhoomika>
4. <https://mycoaching.in/upsarg-in-hindi>
5. <https://kalingaliteraryfestival.com/speakers/mamta-kalia/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of the course, the student will able to	
CO1	list out the social conditions prevailed in Modern Period which are depicted in Hindi Literature.	K1
CO2	discuss the dialects of Hindi language.	K2
CO3	illustrate the works of some eminent Hindi Writers related to society.	K3
CO4	analyze the human values expressed in life and literature of Hindi Novelist "Mamatha Kaliyah".	K4
CO5	evaluate the film & Literary works in Hindi.	K5

Relationship Matrix											
Semester	Course Code		Title of the Course					Hours	Credits		
4	23UHI41GL04		Hindi - 4					4	3		
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	2	3	3	2	3	2	3	1	2.4
CO2	3	2	3	3	2	3	2	3	1	2	2.4
CO3	3	2	2	3	2	2	1	3	2	3	2.3
CO4	3	2	3	1	3	3	2	3	3	2	2.5
CO5	3	2	2	3	3	2	3	2	3	3	2.6
Mean Overall Score											2.44 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23USA41GL04	Sanskrit - 4	4	3

Course Objectives				
To give an exposure to Sanskrit drama in general				
To showcase the structure of pre-kalidasa plays in Sanskrit				
To coach students in Sanskrit morphology				
To acquaint students with the structures of Sanskrit syntax				
To impart communicative skills in Sanskrit by training in the functional aspects of the language				

UNIT I (12 Hours)
Samskrita Vyavahara sahasri vakiya Prayogaha

UNIT II (12 Hours)
Lot Lakaarah, Prayaogh Kartari Vaakyaani

UNIT III (12 Hours)
Naatakasya Itihaasah Vivaranam, Thuva and Tum Suffixs

UNIT IV (12 Hours)
Karnabhaaram , Naatakasya Visistyam

UNIT V (12 Hours)
Samskrita Racanani Vubhavoga

Teaching Methodology	Videos, PPT, Blackboard, Demonstration, Exercises
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Books for Study

1. *Karnabhavam & Literature Language*
2. *Dhaatu Manjari*
3. Samskrita Vyavahara Sahasri (A Collection of One Thousand Sentances), Samskrita Bharati, Delhi.

Books for Reference

1. Vadhyar, R.S. & Sons. (2019). *History of Sanskrit Literature*. Book - sellers and publishers , Kalpathu ,Palghat, Kerala, south India,
2. Kulapathy, Saral, K.M. (2018). *Sanskrit Balabodh , Bharathita vidya bhavan* , Munshimarg.
3. Bharathi. (2019). *Vadatu sanskritam - Samaskara Binduhu*. S. Aksharam 8th cross, 2nd phase Giri nagar Bangalore.

Websites and eLearning Sources

1. https://sanskritdocuments.org/doc_z_misc_major_works/daily.pdf
2. <https://www.learnsanskrit.org/guide/verbs-1/karmani-and-bhave-prayoga/>
3. <https://ia902903.us.archive.org/7/items/in.ernet.dli.2015.102820/2015.102820.The-Sanskrit-Drama-In-Its-Origin-Development-Theory-And-Practice.pdf>
4. https://archive.org/details/oafI_karna-bharam-karnas-burden-of-bhasa-with-dr.-sudhakar-malaviya-gokuldas-sanskrit
5. <https://sanskritwisdom.com/composition/essays/sanskrit-language/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	understand human behaviors by studying dramas	K1
CO2	remember and identifying Mahabharata characters and events	K2
CO3	apply the morals learnt in day to day life	K3
CO4	appreciate ancient Sanskrit dramas	K4
CO5	create new conversational sentences and to Improve self-character (Personality Development)	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23USA41GL04	Sanskrit - 4									4	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	2	2	2	3	3	3	3	3	2	2.4	
CO2	2	2	3	3	2	3	2	3	3	2	2.5	
CO3	3	3	2	3	2	1	1	3	3	3	2.4	
CO4	2	2	3	2	3	3	3	3	2	3	2.6	
CO5	2	3	3	3	2	1	3	3	3	2	2.5	
Mean Overall Score											2.48 (High)	

Semester	Course Code	Title of the Course	Hours/week	Credits
4	23UEN42GE04	General English - 4	5	3

Course Objectives

To develop and enhance language proficiency in listening, reading, and writing skills through teacher-led reading practice, and comprehension exercises.

To encourage creative thinking through creative tasks and essay writing.

To foster effective communication skills by engaging in tasks that require note-taking, note-making, précis writing, paragraph writing, and the synthesis of information from different sources.

To strengthen grammatical skills by focusing on the application of different tenses and to emphasise grammatical accuracy in various writing tasks.

To encourage students to critically engage with media content and evaluate information.

UNIT I: Women Through the Eyes of Media

(13 Hours)

1.0 Introduction

1.1 Objectives

1.2 Listening and Reading Skills through Teacher-led Reading Practice

1.3 Glossary

1.3.1 Words

1.3.2 Phrases

1.4 Reading Comprehension

1.5 Critical Analysis

1.6 Creative Task

1.7 General Writing Skill: Writing Minutes of a Meeting

1.8 Grammar: Present Perfect Tense

UNIT II: Effects of Tobacco Smoking

(13 Hours)

1.9 Introduction

2.0 Objectives

2.1 Listening and Reading Skills through Teacher-led Reading Practice

2.2 Glossary

2.3.1 Words

2.3.2 Phrases

2.4 Reading Comprehension

2.5 Critical Analysis

2.6 Creative Task

2.7 General Writing Skill: Note-Taking

2.8 Grammar: Present Perfect Continuous Tense

UNIT III: Short Message Service (SMS)

(13 Hours)

2.9 Introduction

3.0 Objectives

3.1 Listening and Reading Skills through Teacher-led Reading Practice

3.2 Glossary

3.3.1 Words

3.3.2 Phrases

3.4 Reading Comprehension

3.5 Critical Analysis

3.6 Creative Task

3.7 General Writing Skill: Note-Making

3.8 Grammar: Past Perfect Tense

UNIT IV: An Engineer Kills Self as Crow Sat on his Head: A Newspaper Report (12 Hours)

- 3.9 Introduction
- 4.0 Objectives
- 4.1 Listening and Reading Skills through Teacher-led Reading Practice
- 4.2 Glossary
- 4.3.1 Words
- 4.3.2 Phrases
- 4.4 Reading Comprehension
- 4.5. Critical Analysis
- 4.6. Creative Task
- 4.7 General Writing Skill: Précis Writing
- 4.8 Grammar: Past Perfect Continuous Tense

UNIT V: Traffic Rules (12 Hours)

- 4.9 Introduction
- 5.0 Objectives
- 5.1 Listening and Reading Skills through Teacher-led Reading Practice
- 5.2 Glossary
- 5.3.1 Words
- 5.3.2 Phrases
- 5.4 Reading Comprehension
- 5.5 Critical Analysis
- 5.6 Creative Task
- 5.7 General Writing Skill: Paragraph Writing
- 5.8 Grammar: Future Perfect Tense

UNIT VI: A Handful of Answers: A Zen Tale (12 Hours)

- 5.9 Introduction
- 6.0 Objectives
- 6.1 Listening and Reading Skills through Teacher-led Reading Practice
- 6.2 Glossary
- 6.3.1 Words
- 6.3.2 Phrases
- 6.4 Reading Comprehension
- 6.5 Critical Analysis
- 6.6 Creative Task
- 6.7 General Writing Skill: Writing Short Essays on Current Issues/General Topics
- 6.8 Grammar: Future Perfect Continuous Tense

Teaching Methodology	Lecture Method, Use of ICT Tools and Interactive method
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Book for Study

1. Jayraj., & Arul, S.J. et al. (2016). *Trend-Setter: An Interactive General English Textbook for Under Graduate Students*. Trinity.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	identify and explain key concepts and topics discussed in the course.	K1
CO2	understand the content by summarising, paraphrasing, and interpreting the materials presented.	K2
CO3	apply their knowledge to create various forms of written communication, such as meeting minutes, notes, précis, paragraphs, and essays.	K3
CO4	analyse the application of different tenses in various texts.	K4
CO5	synthesise their knowledge by creating creative tasks, including short essays on current issues and general topics	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UEN42GE04	General English - 4									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	3	2	2	3	2	3	2	3	2	2.4	
CO2	2	2	3	2	3	3	2	3	2	2	2.3	
CO3	2	3	2	3	2	2	3	2	3	2	2.4	
CO4	2	2	3	2	3	3	2	3	2	3	2.5	
CO5	2	2	2	3	2	2	2	3	2	2	2.2	
Mean Overall Score											2.36 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UEC43CC07	Core Course - 7: Macroeconomics - 2	7	5

Course Objectives
To understand the essence of Rational Expectations Theory.
To explain the Macroeconomic theories of Distribution.
To apply the Capital Accumulation Model of Joan Robinson.
To analyse the different Phases of Business Cycle.
To evaluate the Macroeconomic Goals and Policies.

UNIT I Rational Expectations Theory (21 Hours)

Meaning, concepts and Definitions of Rational Expectations-Philips curve Unemployment and inflation - Nobel Laurates Robert Lucas contributions to Rational Expectations

UNIT II Macro Economic theories of Distribution (21 Hours)

Definitions - Meaning and Importance- Types: Personal and Functional of Distribution - Kelackain model - Kaldor and Keynes theories of Distributions

UNIT III Joan Robinson's Model of Capital Accumulation (21 Hours)

Definitions-Capital Accumulation-Robinson Model -Factors- Assumptions - Golden Rule of **Accumulation**-Uses and Limitations of model- Its applicability to developing countries

UNIT IV Business Cycle (21 Hours)

Definitions - Characteristics- Classification of Business cycle-Theories and Phases of Business Cycle: Boom or Prosperity- Recession- Depression- Recovery

UNIT V Macro Economic Policies (21 Hours)

Meaning- Definitions and objectives of Macroeconomic Policy - Macroeconomic goals - Monetary Policy- Fiscal Policy.

Teaching Methods	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Jhingan, M. L. (2016). *The Economics of Development and Planning*, (13th Ed.). ISBN 81-87125-62-4, Vrinda Publication (P) Ltd.
2. Shapiro, E. (2013). *Macro Economic Analysis*, (13th Ed.).

Books for Reference

1. Agrawal, R. C. (2011). *Economics of Development and Planning*, (5th Revised Edition). Lakshmi Narain Agarwal.
2. Seth, M. L. (2017). *Macro Economics*, (Revised Edition). Lakshmi Narian Agarwal.
3. Ackley, G. (1973). *Macro-Economic Theory and Policy*. Macmillan.

Websites and eLearning Sources

1. <https://tradingeconomics.com>
2. <https://www.bu.edu/econ/files/2014/08/DLS1.pdf>
3. <https://www.imf.org>
4. <https://www.aeaweb.org/resources/students>
5. <https://www.worldbank.org/en/topic/macroeconomics>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	match the performances of rational expectations in unemployment and inflation	K1
CO2	demonstrate the Macroeconomic theories of Distribution.	K2
CO3	build the Capital Accumulation Model of Joan Robinson.	K3
CO4	categorize the different Phases of Business Cycle.	K4
CO5	assess the Macroeconomic Goals and Policies.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UEC43CC07	Core Course - 7: Macroeconomics - 2									7	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	1	2	2	2	2	3	2	2	2	1	1.9	
CO2	2	1	3	2	1	2	3	3	2	3	2.2	
CO3	2	2	2	2	2	3	3	3	3	2	2.4	
CO4	3	3	2	2	1	2	2	2	2	3	2.2	
CO5	2	2	3	2	3	2	2	3	2	2	2.3	
Mean Overall Score											2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UEC43CC08	Core Course - 8: Labour Economics	6	5

Course Objectives
Describe role of trade unions and its impact in India.
Explain the wage policies in India
Interpret the fundamentals of Labour Economics.
Appraise the significance of social security measures.
Compare the important issues of agricultural and Industrial labour.

Unit I: Basic Concepts and Labour Market (18 Hours)

Meaning and concept of labour - Definition, nature, scope of Labour Economics - Labour Market Segmentation - Labour Market Policies - Labour in the unorganized sector - Sengupta Report - Mobility of labour - Child Labour - Women Labour.

Unit II: Wage Determination (18 Hours)

Wage concepts - Determination - Minimum wage, fair wage and living wage - Productivity and wage relationship - Types of wages in India - Differential Wage Rates - Need for State Regulation of wages - National Wage Policy and Wage Boards in India.

Unit III: Trade Union, Industrial Disputes and Labour Legislations (18 Hours)

Meaning and objectives of Trade Union - Trade Union Movement in India- Problems and draw backs - Measures to strengthen the Trade Union Movement - Industrial disputes: meaning - causes and effects of industrial disputes - Prevention of industrial disputes - Collective Bargaining - Labour Legislation in India.

Unit IV: Issues of Labour in India (18 Hours)

Industrial labour: meaning and characteristics of Industrial Labour in India -Contact Labour- LPG and its Impact on Labour- Agricultural Labour: Meaning and Characteristics: Casual labour, attached labour, and bonded labour- Problems of agricultural labour in India- Government measures to improve the conditions of agricultural labour.

Unit V: Social Security Measures of Labour (18 Hours)

Meaning and need for Social Security Measures - Social Assistance and Social Insurance - Social Security Legislations in India: Workmen's Compensation Act-1923, Employees' State Insurance Scheme Act-1948, Maternity Benefits Act-1961, the Provident Fund Act-1952, The Building and Other Construction Workers Welfare Cess Act, 1996 and The Unorganised Workers' Social Security Act, 2008 EPF and its features - The Code on Social Security, 2020.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Thyagi, B. P. (1986), *Labour Economics and Social Welfare*. Jai Prakash Nath & Co.
2. Sharma, A. K. (2006), *Labour Economics*. Anmol Publications.
3. Prasad, B. (2015), *Labour Economics*. Anmol Publications.

Books for Reference

1. Hajela, P. D. (1988). *Labour Restructuring in India: A Critique of the New Economic Policies*. Common wealth Publishers.
2. Venkataratnam, C. S. (2007), *Globalization and Labour Management Relations Dynamics of change*. Sage.
3. Memoria, C. B. (1996) *Labour Problems and Social Welfare in India*. Kitab Mahal.

Websites and eLearning Sources

1. <https://fac.ksu.edu.sa> > sites > default > files > Moder.
2. <http://students.aiu.edu> > resources > onlineBook > q.
3. <http://assets.vmou.ac.in> > PGDLL06

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
CO1	state the significance of Trade Union and to develop the managerial and leadership skills	K1
CO2	explain the different types of wages and wage rates	K2
CO3	illustrate the concepts and importance of Labour Economics.	K3
CO4	analyse the social security schemes for Labour	K4
CO5	assess the important issues of agricultural and Industrial labour.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UEC43CC08	Core Course - 8: Labour Economics									6	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	2	1	3	2	3	2	2	2	3	2.2	
CO2	2	3	2	2	2	3	3	2	3	2	2.4	
CO3	1	2	2	3	2	2	2	3	2	2	2.1	
CO4	1	3	2	2	3	3	2	2	2	2	2.2	
CO5	1	2	3	2	2	2	3	2	3	3	2.3	
Mean Overall Score											2.24 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UEC43AO02A	Allied Optional - 2: Mathematical Methods in Economics - 2	6	4

Course Objectives

Examine basic mathematical and econometric tools.
Express mathematical tools in economic models.
Apply mathematical and economic models for real life issues
Analyse economic relationships through research problems.
Assess socio-economic by incorporating quantitative techniques.

UNIT I: Progression, Relations and Functions (18 Hours)

Ratio - Proportion - Progression - Arithmetic progression - Geometric progression, Functions - types of functions - Application in Economics

UNIT II: Matrix - I (18 Hours)

Matrix - Meaning and types - Operation of matrix: addition, subtraction, multiplication, division - Determinant - Properties of determinant

UNIT III: Matrix - II (18 Hours)

Rank of matrix - trace of matrix - inverse: properties of inverse - solution to linear equations - Cramer's rule - Inverse method - Applications in Economics: input - output analysis (introduction and concepts alone)

UNIT IV: Linear Programming (18 Hours)

Meaning - Basic concepts - Graphical solution to linear programming problem (only two variables) - Dual Method.

UNIT V: Introduction to Game Theory (18 Hours)

Meaning - Concepts - Significance - Types: Pure and Mixed Strategy games - Applications and Limitations of game theory.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Agarwal, C. S., & Joshi, R. C. (2017). *Mathematics for Economists*. The New Academic.
2. Bose, D. (2018). *An Introduction to Mathematical Economics*. Himalaya Publishing House.

Books for References

1. Singh, S.P. (1998). *An Introduction to Econometrics*. Sterling.
2. Domodar, N. G. (2007). *Basic Econometrics* Tata McGraw Hill Education.
3. Dowling, E. (2011). *Schaum's Outline of Introduction to Mathematical Economists*, (3rd Ed.). McGraw Hill Education.
4. Mehta., & Madani. *Mathematical Economics*. S. Chand.
5. Rau, M.P.N. (2017). *Mathematics for Economists*. Viva Books.

Websites and eLearning Sources

1. <https://www.coursera.org/learn/mathematics-for-economists>
2. <https://mitpress.mit.edu/9780262294805/mathematics-for-economics/>
3. <https://hummedia.manchester.ac.uk/school/soas/economics/pg/psmaths/pre->
4. <https://mitpress.mit.edu/9780262046626/mathematics-for-economics/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	describe the following mathematical tools: matrices, determinants, matrix inverse, linear programming and econometrics.	K1
CO2	interpret mathematical techniques like matrices, linear programming and game theory in economic models	K2
CO3	predict mathematical and economic models that contribute to sustainable environment	K3
CO4	analyse economic relationships through research problems.	K4
CO5	evaluate real life socio-economic problems by incorporating quantitative techniques.	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
4	23UEC43AO02A	Allied Optional - 2: Mathematical Methods in Economics - 2								6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	1	1	2	3	2	2	2	1	1.8
CO2	2	2	1	2	1	2	3	3	2	1	1.9
CO3	3	2	2	2	1	1	2	3	2	2	2
CO4	3	3	2	3	1	2	2	3	2	1	2.2
CO5	2	2	2	2	3	1	2	2	3	2	2.1
Mean Overall Score										2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UEC43AO02B	Allied Optional - 2: Entrepreneurial Development	6	4

Course Objectives

Describe role of trade unions and its impact in India.
Explain the wage policies in India
Interpret the fundamentals of Labour Economics.
Appraise the significance of social security measures.
Compare the important issues of agricultural and Industrial labour.

UNIT I: Concept of Entrepreneurship (18 Hours)

Entrepreneurship - Meaning, nature and Characteristics - Entrepreneur - Types, Qualities and Functions - Similarities and differences between entrepreneur and intrapreneur - Growth of Entrepreneurship in India - Role of entrepreneurship in Economic Development

UNIT II: Entrepreneurial Motivation and Behaviour (18 Hours)

Meaning, Process and Theories - Maslow's Need Hierarchy - Entrepreneurial Motivating Factors: Internal, External and Others - Changes in Entrepreneurial Motivation - Entrepreneurship and Achievement Motive - Entrepreneurial Motivational behavior.

UNIT III: Entrepreneurship Development Programmes (EDPs) (18 Hours)

Meaning, Need and objectives of EDPs - Phases, Evaluation and Problems of EDPs - EDPs in India: A historical perspective:- EDP institutions in India and their functions-NIESBUD, New Delhi: SIET Institute, Hyderabad: ITCOT AND SIPCOT in Tamil Nadu: SISI and NSIC - The role of Development Banks and Commercial Banks.

UNIT IV: Establishing an Enterprise (18 Hours)

Process of setting up a new business- Sources of business idea - Project classifications - identifications - Selection of a Viable Project - Product development and Selection -Preparation of Project Report - Project Appraisal methods.

UNIT V: Economic development and Entrepreneurial growth (18 Hours)

Role of Entrepreneur in Economic growth - Strategic approaches in the changing Economic scenario for small scale Entrepreneurs - Development of Women Entrepreneurship - Financing SHGs 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.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Khanka, S. S. (2020). *Entrepreneurial Development*. Chand, S. & Company Limited.
2. Sharma, S. (2016). *Entrepreneurial Development*. PHI Learning Private Limited.

Books for Reference

1. Suresh, J. (2010). *Entrepreneurial Development*, Margham publications.
2. Saravanavel, P., & Sumathi, P. (2020). *Entrepreneurship Development Principles, Polices and programmes*, Margham publications.
3. Desai, V. (2011). *Dynamics of Entrepreneurial Development*. Himalaya Publishing house.

Websites and eLearning Sources

1. <https://www.startupindia.gov.in/>
2. <https://www.ediindia.org/>
3. <https://skillindia.gov.in/>
4. <https://www.startupindia.gov.in/>
5. <https://indianstartups.com/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
CO1	define the concepts of Entrepreneurship and its relevance	K1
CO2	understand the Entrepreneurial Motivation and behavior	K2
CO3	relate the Economic development and Entrepreneurial growth	K3
CO4	explain Entrepreneurial development Programmes and their institutes	K4
CO5	appraise various methods of Project report or a business plan	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
4	23UEC43AO02B		Allied Optional - 2: Entrepreneurial Development							6	4
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	2	2	2	2	2.2
CO2	3	3	2	3	2	3	2	2	2	3	2.5
CO3	3	3	2	3	2	3	3	2	2	1	2
CO4	3	3	2	2	2	2	3	2	2	2	2
CO5	2	3	3	3	2	3	2	3	2	2	2.3
Mean Overall Score										2.4 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UHE44VE04A	Value Education - 4: Social Ethics - 2	2	1

Course Objectives

To understand the significance of natural resources and strive to coexist harmoniously with nature.
To implement strategies for disaster management within the community.
To evaluate the significance and distinctions between science and religion.
To recognize the importance of maintaining a healthy lifestyle.
To utilize counseling techniques to address and resolve individuals' issues.

UNIT I: Harmony with Nature (6 Hours)

What is environment, Why should we think of harmony, Longing for human well-being, Principles to conserve environmental resources, Causes of disharmony, The fruits of harmony with nature, Forest resources, Water resources, Mineral resources, Food resources, Fruits of disharmony, Economic values and growth, Environmental Ethics, Guidelines to live in harmony with nature, Towards life-centered system for better quality of life. Harmony with animal kingdom.

UNIT II: Issues Dealing with Science and Religion (6 Hours)

What is Science, Science and Religion, Social Relevance of Science and Technology, Science and technology for social justice, Difference caused by Science and Technology, Need for indigenous technology, Science, Technology and Innovation Policy of India.

UNIT III: Public Health (6 Hours)

Health related issues, Health Care in India vs Developed Countries, Health and Heredity, Public Health - The Indian Scenario, Objectives of public health in India, Public Health System in India, Failure on the public health front, Role of the central government, Hospitals Services in India, Health and Abortion, Health and Drug Addiction, Drug abuse.

UNIT IV: Disaster Management (6 Hours)

Disaster Management, Types of disaster, Plans of disaster management, Technology to manage natural disasters and catastrophes, Disaster Management, Rehabilitation and Reconstruction, Human-induced disaster, First Aid, The importance of First-aid, Disaster Declaration and Response.

UNIT V: Counselling for Adolescents (6 Hours)

High Risk Behaviours, Developmental Changes in Adolescents, Key Issues of the Adolescents, Need for Counselling, Nature of Counselling, Counselling Goals, Does helping help? The Good and the Bad news. Importance of Career Guidance Counselling.

Books for Study

1. Department of Human Excellence. (2021). *Formation of Youth*, St Joseph's College (Autonomous), Tiruchirappalli.

Books for Reference

1. Albert, D., & Steinberg, L. *Judgment and decision making in adolescence: Journal of Research on Adolescence*, page no: 211-224 (2011).
2. Larry, R. C. (2000). *Disaster Management and Preparedness*, Lewis Publications.
3. Hurlock, E.B. (2001). *Developmental Psychology: A: Life-Span Approach*. (5th Ed.). Tata McGraw-Hill.
4. Sangha., & Kamaljit. (2015). *Ways to Live in Harmony with Nature: Living Sustainably and Working with Passion*. Australia, Woodslane Pty Limited.

Websites and eLearning Sources

1. https://en.wikipedia.org/wiki/Disaster_management_in_India
2. <https://ndma.gov.in/>
3. <https://talkitover.in/services/child-adolescent-counselling/>
4. <https://www.nipccd.nic.in/schemes/adolescent-guidance-centre-19#gsc.tab=0>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	Know the value of natural recourses and to live in a harmony with nature.	K1
CO2	Apply the plans of disaster management in the society.	K2
CO3	Analyse the importance and differences of science and religion.	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UHE44VE04A	Value Education - 4: Social Ethics - 2									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	2	3	3	2	3	3	2.8	
CO2	3	2	2	3	3	2	3	3	2	2	2.5	
CO3	2	3	3	3	2	3	3	3	3	3	2.8	
Mean Overall Score											2.7 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
4	23UHE44VE04B	Value Education - 4: Religious Doctrine - 2	2	1

Course Objectives
To explore the rich historical background of the Catholic Church
To explore and comprehend the Sacraments practiced by the Catholic Church
To incorporate Christian Prayer into daily routines
To reflect on personal growth through the lens of Sacraments and Christian Prayer
To promote unity by embracing universal values from various religions

UNIT I	The Catholic Church	(6 Hours)
UNIT II	Sacraments of Initiation	(6 Hours)
UNIT III	Sacraments of Healing & at the Service of Community	(6 Hours)
UNIT IV	The Christian Prayer	(6 Hours)
UNIT V	Harmony of Religions	(6 Hours)

Teaching Methodology	Chalk and Talk, Power point, assignment and Group discussion
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Book for Study

1. Department of Human Excellence (2022). Fullness of Life, St Joseph's College (Autonomous), Tiruchirappalli.

Book for Reference

1. (1994). *Compendium: Catechism of the Catholic Church*. Bengaluru: Theological Publications in India.
2. Holy Bible (NRSV).

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	understand the history of the Catholic Church	K1
CO2	examine and grasp the Sacraments of the Catholic Church	K2
CO3	apply the Christian Prayer to their everyday life	K3

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
4	23UHE44VE04B	Value Education - 4: Religious Doctrine - 2									2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	3	3	2	3	2	2	3	3	2.7	
CO2	3	2	2	2	3	3	3	3	2	2	2.5	
CO3	2	2	3	3	2	2	3	3	3	3	2.6	
Mean Overall Score											2.6 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53CC09	Core Course - 9: Basic Econometrics	7	5

Course Objectives
To understand the basics of significance of econometrics.
To interpret the relationship between the economic variables.
To estimate simple linear regression model.
To formulate hypothesis and analyse research problems
To explain the concepts of dummy variables

Unit I: Nature and Scope of Econometrics (21 Hours)

Econometrics-Meaning-Definition - Scope - Mathematical Economics and Econometrics - Methodology of Econometrics -Specification - Types of Econometrics- Assumptions of CLRM - Gauss - Markov theorem.

Unit II: Simple Linear Regression Analysis (21 Hours)

Simple Linear Regression model - Estimation of Parameters - Statistical Inference - Coefficient of Determination, Prediction with the Simple Regression model.

Unit III: Multiple Linear Regression Analysis (21 Hours)

Multiple Linear regression model- Estimation of parameters, goodness of fit - adjusted R², partial regression coefficients, Testing of hypotheses - Individual and Joint significance: t and F- tests.

Unit IV: Problems of OLS Method (21 Hours)

Problems in OLS Methods: Analysis of Residuals - Heteroscedasticity and Autocorrelation and Problem of Multicollinearity - their Consequences, Detection and Remedies.

Unit V: Dummy Variable (21 Hours)

Introducing dummy (independent) variables - nature of dummy variables, variables with two categories and more than two categories, Dummy variable trap.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Book for Study

- Domodar, N. G., Porter, D., & Gunasekar, S. (2017). *Basic Econometrics*, (5th Edition). McGraw Hill/Irwin.

Books for Reference

- Greene., & William, H. (2008). *Econometric Analysis*, (6th Edition). Prentice Hall.
- Johnston, J. & Dinardo, J. (1997). *Econometric Methods*, (4th Ed.). McGraw-Hill.
- Ramanathan., & Ramu. (2002). *Introductory Econometrics with Applications*, (5th Edition). Thomson Asia Pte Ltd.
- Stock, J. H. & Mark, W. W. (2006): *Introduction to Econometrics*, (2nd Edition). (Addison-Wesley Series in Economics).
- Wooldridge, J. (2015). *Introductory Econometrics: A Modern Approach*. Nelson Education.
- Shymala, S. N. K., & Arulpragasam, T. (2019). *A Text book on Econometrics, Theory and Application*, Vishal Publishing Co.

Websites and eLearning Sources

- <https://nptel.ac.in/courses/111104072>
- <http://home.iitk.ac.in/~shalab/onlinecoursematerial>
- https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf
- <https://www.econometricssociety.org>
- <https://economicsnetwork.ac.uk>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
CO1	define the Nature and Scope of Econometrics	K1
CO2	understand the key classical assumptions in the field of econometrics.	K2
CO3	estimate the values using least squares method in evaluating the relationship.	K3
CO4	construct the econometric models using variables and relationships of economic theories.	K4
CO5	explain the basic concept of Multiple Linear Regression Analysis.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
5	23UEC53CC09	Core Course - 9: Basic Econometrics									7	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	2	2	1	3	2	3	2	2	2	3	2.2	
CO2	2	3	2	2	2	3	3	2	3	2	2.4	
CO3	1	2	2	3	2	2	2	3	2	2	2.1	
CO4	1	3	2	2	3	3	2	2	2	2	2.2	
CO5	1	2	3	2	2	2	3	2	3	3	2.3	
Mean Overall Score											2.24 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53CC10	Core Course - 10: Money and Banking	7	5

Course Objectives
examine the basics of money and related concepts.
discuss the functions of money and its global impact.
interpret the influence of monetary policies on banking functions.
compare the various financial instruments and their societal relevance.
assess the impact of economic instruments on domestic and world economy.

UNIT I: Money: Theory and Approaches (21 Hours)

Money: Meaning, functions and classification - Gresham's Law - Value of Money - Measurement using Index Numbers - Quantity theory of money - Cash Transactions and Cash Balance Approaches - Milton Friedman's Restatement of Quantity Theory - The Keynesian approach.

UNIT II: Inflation and Trade Cycle (21 Hours)

Definition, Types, Causes and Effects of Inflation on different sectors of the Economy - Types of Inflation: Demand - pull and Cost push Inflation - Measures to control Inflation - Phillips Curve - Trade cycle: structure, causes, effects and methods to control - Theories of Trade cycle: Hawtrey, Von-Hayek and Hicks.

UNIT III: Commercial Banking (21 Hours)

Commercial banks: Meaning, types and functions - Process of credit creation - Purpose and limitations - Liabilities and assets of banks - Commercial banking in India - Nationalization - Recent reforms in banking sector in India.

UNIT IV: Central Banking (21 Hours)

Functions of Central Bank - Quantitative and qualitative methods of credit control - Bank rate policy, Open market operations, Cash reserve ratio and selective methods - Role and functions of the Reserve Bank of India - Demonetization.

UNIT V: Money and Capital Markets and Monetary Policy (21 Hours)

Structure and importance of Money Market - London and New York Money Markets - Indian Money and Capital Markets: Structure, Features and Functions - Role of Monetary Policy in the economic development of India - Monetary Policy Review Committee.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Sundaram, K. P. M. (1990). *Money Banking and International Trade*.
2. Hajela, T. N. (2009). *Money Banking and International Trade*. ANE Books.
3. Jhingan, M. L. (2013). *Money, Banking, International Trade and Public Finance*, Vrinda Publications.
4. Mithani, D. M. (2018). *Money, Banking, International Trade and Public Finance*, Himalaya Publishers.

Books for Reference

1. Gupta, S. B. (1994). *Monetary Economics*. S. Chand & Company.
2. Mishra, S. S. (1981). *Money, Inflation and Economic Growth*. Oxford & IBH.
3. Sayers R. S. (1978). *Modern Banking*, (7th Edition). OUP.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	examine the potential significance of monetary phenomenon and relate them with ethical values.	K1
CO2	discuss the functions of money and its global impact	K2
CO3	illustrate the influence of monetary policies on banking functions and also the societal effects.	K3
CO4	compare the various financial instruments and their relevance to the society.	K4
CO5	measure the impact of inflation, trade cycle, nationalisation and bank rates on domestic and world economy.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
5	23UEC53CC10	Core Course - 10: Money and Banking									7	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	1	2	3	2	3	3	2	2	3	2.4	
CO2	3	2	2	3	3	1	3	3	2	2	2.4	
CO3	3	3	1	2	2	2	3	3	3	2	2.4	
CO4	2	2	1	3	1	2	3	3	2	2	2.1	
CO5	3	3	1	3	2	2	3	3	3	2	2.5	
Mean Overall Score											2.36 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53ES01A	Discipline Specific Elective - 1: Fundamentals of Research in Economics	5	3

Course Objectives
To define the concepts of research.
To compare the different types of research.
To discover the research problems for better understanding of the socio- economic conditions of the people.
To analyze the skills of sampling techniques to collect the survey data.
To evaluate the research report writing for policy making to uplift the society.

Unit I: Fundamental Concepts of Research (15 Hours)

Meaning, objectives, and criteria of Research - Types of research: pure, applied, historical, analytical, descriptive, experimental, scientific method and case study method - Process of research - Problems encountered by researchers in Economics - Qualities of a researcher.

Unit II: Research Design (15 Hours)

Research problem - Identification, selection and formulation of research problem - Review of literature: Published Sources - On-line Sources - Research Gap.

Unit III: Census and Sampling (15 Hours)

Census vs Sampling - Types of sampling - Probability and non-probability sampling - Methods of data collection - Primary and secondary methods

Unit IV: Hypothesis (15 Hours)

Research Hypothesis: Meaning, sources, formulation, concepts, importance and types of hypothesis - Statistical Hypothesis: Null and Alternative - Procedure for testing hypothesis -Type-I and Type-II errors - Concept of Standard Error.

Unit V: Analysis, Interpretation and Report Writing (15 Hours)

Process of data analysis - Editing, coding, tabulation, diagrams - process of interpretation -Scaling techniques - Report writing - Significance of report writing - Different steps in writing the report - Mechanics of writing a research report.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Kothari, C. R, & Garg, G. (2019). *Research Methodology*. New Age International.
2. Kurien, C. T. (1983). *A Guide to Research in Economics* National Publishing House.

Books for Reference

1. Wilkinson., & Bandarkar, (1984). *Methodology and Techniques of Social Research*.
2. Young, P.V. (1977). *Scientific Social Surveys and Research*. Prentice- Hall of India.
3. Gopal, M. H. *An Introduction to Research Procedures in Social Sciences*. Asia Publishing House.

Websites and eLearning Sources

1. <http://ignou.ac.in>
2. <http://egyankosh.ac.in>
3. <https://www.educba.com>
4. <https://research.com/research/how-to-write-research-methodology>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
CO1	define the concepts of research	K1
CO2	compare the different types of research	K2
CO3	discover the research problems for better understanding of the socio- economic conditions of the people.	K3
CO4	analyze the skills of sampling techniques to collect the survey data	K4
CO5	evaluate the research report writing for policy making to uplift the society.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
5	23UEC53ES01A	Discipline Specific Elective - 1: Fundamentals of Research in Economics									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	2	3	3	3	3	3	2	2	2.7	
CO2	3	2	3	3	2	3	3	2	2	2	2.5	
CO3	3	3	2	3	2	3	3	2	3	2	2.6	
CO4	3	3	1	3	1	3	2	3	1	1	2.1	
CO5	3	3	2	3	3	3	3	3	3	1	2.7	
Mean Overall Score											2.52 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53ES01B	Discipline Specific Elective - 1: Economics of Health and Education	5	3

Course Objectives

To interpret economic theories in the light of health and education markets.
To employ various methods of measuring health care and education outcomes.
To examine healthcare and education policies and their relevance to current situation.
To synthesize health, education with human resource development and environmental sustainability.
To interpret economic theories in the light of health and education markets.

UNIT I: Role of Health and Education in Human Capital Formation (15 Hours)

Meaning and definitions of health and education - Relationship between health, education and human development - Indicators of human development - Determinants of Health - Concept of human capital formation and its role in economic development.

UNIT II: Foundations of Health Economics (15 Hours)

Demand for health and supply of healthcare - Health Insurance and its Uncertainty: Moral Hazard, Adverse Selection, Asymmetric Information and Death Spiral - Market failure in the health sector and its reason - Health as a Good: excludability and consumption rivalry, Tragedy of the Commons - Role of Health in Human Development - Rationale for Public Health Care in India - Ayushman Bharat.

UNIT III: Evaluation of Health Programs and Interventions (15 Hours)

Definition of Economic Evaluation - Types of economic evaluation - Costing techniques: Cost Minimization Analysis, Cost Benefit Analysis, Cost Utility Analysis - QALY & DALY, Cost Effectiveness Analysis and Willingness to Pay Approach - An overview of health policy and programmes in India including the Noon-meal Schemes for students.

UNIT IV: Role of Education in Human Capital Formation (15 Hours)

Role of Education in improving employment opportunities - Various indices to measure educational status: Education Index, Adult Literacy Rate and Gross Enrolment ratio - Importance of Education in economic development - Status of human capital formation in India.

UNIT V: Education, Technology and Human Resource Development (15 Hours)

Human capital formation and socio-economic development - Knowledge revolution and Knowledge economy - New Challenges in the field of education - Demographic dividend - Workforce: planning, training and development through education - The New Education Policy in India - new challenges.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Book for study

1. Bhattacharya, J., Hyde, T., & Tu. P. *Health Economics*, Palgrave MacMillan.
2. Gary, S. B. *Human Capital: A Theoretical and Empirical Analysis with Special Reference to Education*, (3rd Ed.). The University of Chicago Press.

Books for Reference

1. Morris, S., Devlin, N., & Parkin, D. *Economic Analysis in Health Care*. John Wiley & Son.
2. Jack., & William. (1999). *Principles of Health Economics for Developing Countries*.
3. Hanushek., & Eric, A. (2005). *Economic Outcomes and School Quality*. International Academy of Education and International Institute for Educational Planning.
4. World Development Report. (1993). *Investing in Health*. The World Bank.
5. Folland, G., & Stano (FSG). *The Economics of Health and Health Care*, (5th Edition). Pearson Prentice Hall Press

Websites and eLearning Sources

1. www.census.org
2. www.NFHS.org
3. www.NSSO.org

4. <https://tnhealth.tn.gov.in/>

5. <https://tnhealth.tn.gov.in/>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	define the concepts of health and education and their importance in economic and human development.	K1
CO2	understand economic principles and theories in interpreting the supply and demand of health care and education.	K2
CO3	illustrate the methods of measuring programmes and interventions in the fields of health and education.	K3
CO4	analyze the policies related to health and education with a special focus on ayushman bharat and the new education policy of india.	K4
CO5	evaluate the relationship between health and education, their application in human resource development and environmental sustainability.	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
5	23UEC53ES01B	Discipline Specific Elective - 1: Economics of Health and Education								5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	3	3	2	3	3	3	1	2	2	2.4
CO2	3	3	3	3	3	3	3	3	3	2	2.9
CO3	3	2	3	2	2	2	3	3	2	2	2.4
CO4	3	3	3	3	2	2	3	3	3	2	2.5
CO5	3	3	3	3	3	1	3	1	3	2	2.5
Mean Overall Score											2.54 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53ES02A	Discipline Specific Elective - 2: Economics of Infrastructure	5	3

Course Objectives

To describe the significance and role of infrastructure in economic development. Identify the different sources of energy in Indian Economic development
To estimate the demand for transport and cost in postal services and telephone industry
To describe the significance and role of infrastructure in economic development.
To illustrate the role of PPP in infrastructural development of India.
To explain the infrastructural facilities available for service sector.

Unit I: Importance of Infrastructure (15 Hours)

Infrastructure: Meaning, importance and role in Economic Development - Infrastructure as a Public good - Social and Physical infrastructure - Special characteristics of infrastructure - pricing of infrastructure.

Unit II: Transport and Communication (15 Hours)

Demand for Transport - Cost functions in the transport sector - principle of pricing-special problems of individual modes of transport - Functions of Toll Gate - Telephone utilities- Cost in Telephone Industry - characteristics of postal services - Role of ICT in Indian Context

Unit III: Energy, Electricity and Water Supply (15 Hours)

Primacy of energy in the process of economic development - factors determining demand for energy-effects of energy shortages - energy conservation- renewable and non-renewable sources - Relative economics of Thermal, hydel and nuclear power plants - the case for a National Power Grid - Water: Sources, Demand and Supply Aspects

Unit IV: Education and Health (15 Hours)

Education and Economic Growth - the case of universal, free, primary education, structure of higher education in India - Health Dimensions: Determinants of Health, Poverty, Malnutrition, Illiteracy and lack of health information.

Unit V: Organization and Financing of Infrastructure (15 Hours)

Organization and Financing of social services - Private Vs Public sector financing - Public and Private Partnership (PPP) in infrastructure - Regional infrastructure with special reference to Tiruchirappalli.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Dash, L. N. (2007). *Economics of Infrastructure: Growth and Development*. Regal.
2. Reddy, K. C. (2000). *Economics and Public Policy*. Himalaya Mumbai.

Books for Reference

1. Ashok, V. & Desai. (1990). *Energy Demand, Analysis, Management and Conservation*. Wiley Eastern.
2. Choudhuri, R. K. (1986). *Economics of Public Utility*. Himalaya Mumbai.
3. Raghuram, G., & Rekha Jain. (1999). *Infrastructure Development and Financing*. Macmillan.

Websites and eLearning Sources

1. www.niua.org
2. <https://censusindia.gov.in/>
3. https://onlinecourses.nptel.ac.in/noc22_hs64/preview

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	describe the significance and role of infrastructure in economic development. identify the different sources of energy in Indian Economic development	K1
CO2	estimate the demand for transport and cost in postal services and telephone industry	K2
CO3	describe the significance and role of infrastructure in economic development.	K3
CO4	illustrate the role of PPP in infrastructural development of India.	K4
CO5	explain the infrastructural facilities available for service sector.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
5	23UEC53ES02A	Discipline Specific Elective - 1: Economics of Infrastructure									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	2	2	2	3	3	2	2	2	2.3	
CO2	2	3	2	2	3	2	2	2	2	2	2.2	
CO3	2	2	2	2	2	3	3	2	2	2	2.2	
CO4	3	2	2	2	2	3	3	2	2	2	2.3	
CO5	2	2	2	2	2	3	3	2	2	2	2.2	
Mean Overall Score											2.24 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53ES02B	Discipline Specific Elective - 2: Environmental Economics	5	3

Course Objectives

To understand the fundamental concepts and principles of environmental economics.

To explore the importance of natural resources, such as forests, water, and soil, and to recognize the need for their conservation.

To examine the field of energy economics, its meaning, and significance, and gain insights into different types of energy resources.

To analyze the energy challenges facing India, including the current energy situation, future energy demand, and the planning efforts.

To explore environmental issues, legal measures, and policies related to industrial pollution, trade-related environmental concerns, and the key environmental laws.

Unit I: Introduction to Environmental Economics (15 Hours)

Definition, Role and significance of Environment- Ecology, Eco-system: components, kinds and functions of Eco-system - Trade - off between economic growth and environment.

Unit II: Natural Resources (15 Hours)

Importance of Natural resources: Forest, Water and Soil - Need for conservation of resources: - Energy resources - Conservation of bio diversity - Methods of conservation.

Unit III: Energy Economics (15 Hours)

Meaning, Importance of energy economics - Energy Resources: Types and Classification Renewable and Non - Renewable sources - Conventional and Non - conventional sources of energy.

Unit IV: Energy Problems and Planning in India (15 Hours)

Nature of the Energy Problems in India - Present energy situation - Future energy demand - Energy Planning in India - Role of energy in economic development.

Unit V: Environmental Issues and Legal Measures (15 Hours)

Industrial pollution - Trade related environmental issues - Environmental Law - Air Act, Water Act, Municipal solid waste rule 2000, Compensatory Afforestation Fund Act, 2016, Compensatory Afforestation Fund Management and Planning Authority (CAMPA) Act, Pollution Control - Noise Pollution Control 2002 - Environmental Protection Act, 1986 - Energy policies in India.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Book for Study

1. Sankaran. (2008). *Environmental Economics*. Sterling.

Books for Reference

1. Dhulasi, B.V. (1993). *Energy Economics*. Sterling.
2. Karpagam, M. (1999). *Environmental Economics*. Sterling.

Websites and eLearning Sources

1. <https://unfccc.int/>
2. <https://www.undp.org/>
3. <http://moef.nic.in/>
4. <https://www.envis.nic.in>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
CO1	understand the importance of environmental impact on economic development.	K1
CO2	describe the basics of environmental and energy economics.	K2
CO3	illustrate the details of Environmental policies in India.	K3
CO4	explain the environmental and energy related issues.	K4
CO5	identify the causes of Industrial pollution.	K5

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
5	23UEC53ES02B	Discipline Specific Elective - 1: Environmental Economics								5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	2	2	3	3	2	2	2	2.3
CO2	2	3	2	1	2	3	3	2	2	3	2.3
CO3	2	2	3	2	3	2	2	2	2	2	2.2
CO4	2	2	1	3	3	2	3	2	2	2	2.2
CO5	2	2	2	2	3	3	2	2	2	3	2.3
Mean Overall Score										2.3 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23UEC53SP01	Self-paced Learning: Principles of Political Economy	-	2

Course Objectives
To understand the nature of Economics.
To explore concepts of a Good Society.
To analyze neoclassical supply and demand theory.
To study Marxian economics and gain an understanding of the Marxian circular flow model.
To examine theories of the Labor Market.

UNIT I: The Discourse of Economics

What is Economics? - A Brief History of the Discipline of Economics - The Dominance of Neoclassical Economics- The Positive/Normative Distinction in Neoclassical Economics- A Neoclassical Model of Production Cost

UNIT II: A Good Society

Competing Perspectives of What Constitutes a Good Society-The Economic Problem and the Scarcity of Resources-The Neoclassical Ideal: Economic Efficiency-The Role of Societal Preferences in the Production Possibilities Model-The Neoclassical Classification Scheme for Economic Systems-A Marxian Classification Scheme for Social Formations.

UNIT III: The Neoclassical Theory of Supply and Demand

The Neoclassical Circular Flow Model-The Buyers' Side of the Market-The Sellers' Side of the Market-Equilibrium-Comparative Statics Analysis-Simultaneous Shifts in Supply and Demand-The Measurement of Social Welfare-The Economic Efficiency of Competitive Markets-The Possibility of Market Failure.

UNIT IV: The Marxian Theory of Class Exploitation

The Early History of Marxian Economics - A Marxian Circular Flow Model - Commodities and Money - The Circulation of Commodities and the Meaning of Capital-The Commodity Labor-Power and the Determination of its Value- The Rate of Surplus Value and the Rate of Profit - The Production of Absolute Surplus Value and Relative Surplus Value

UNIT V: Theories of the Labor Market

The Neoclassical Theory of the Demand for Labour - The Neoclassical Theory of the Supply of Labour - The Neoclassical Theory of Labour Market Equilibrium - A Neoclassical Theory of Exploitation? - The Economic Consequences of Labour Union Activity - The Marxian Theory of the Market for Labour Power

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Book for Study

1. Daniel, E. S. (2020). *Principles of Political Economy A Pluralistic Approach to Economic Theory*, (3rd Ed.). Bepress.

Books for Reference

1. Sidgwick, H. (2011). *The Principles of Political Economy*. Cambridge Library Collection.
2. John Stuart Mill. (2014). *Principles of Political Economy*. Createspace Independent Pub; (Abridged Edition).
3. Ravenhill, J. (2016). *Global Political Economy*. Oxford: Oxford University Press.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	describe the discourse of economics	K1
CO2	explain the Competing Perspectives of What Constitutes a Good Society	K2
CO3	understand the Marxian theory of Class exploitation	K3
CO4	calculate the neoclassical measure of social welfare	K4
CO5	compare the demand for labour and supply of labour to reach labour market equilibrium	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
5	23UEC53SP01	Self-paced Learning: Principles Of Political Economy									-	2
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	2	2	3	1	1	3	3	2	2	2.2	
CO2	3	3	1	2	1	2	3	2	2	1	2.0	
CO3	3	3	3	3	2	1	2	3	2	1	2.3	
CO4	3	3	2	3	1	3	3	2	2	1	2.3	
CO5	2	3	3	3	1	1	2	3	2	2	2.2	
Mean Overall Score											2.2 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
5	23USS54SE01	Skill Enhancement Course - 2: Soft Skills	2	1

Course Objectives
To help students understand, practice, and improve their communication skills
To enable students with effective presentation skills
To help students attend interviews confidently and participate effectively in group discussions
To make students realise their potential and excel on personal as well as professional grounds
To develop the thinking skills of students for better performance in competitive exams, interviews and group discussions

UNIT I: Communication Skills

Basics of Communication: Importance of Good Communication Skills, Types of Communication Skills, Verbal Communication, Non-verbal Communication, Tips for Improving Nonverbal Communication, Communication Styles, Barriers to Communication, Ways To Improve Communication Skills, Practicum

Professional Grooming: How to Create the Impact for that First Impression, Presentation Skills, Developing Handouts, Developing Notes, Adding Visual and Audio Effects, Practicum

UNIT II: Resume Writing & Interview Skills

Resume Writing: The Purpose of a Resume, Finding a Job & Making a Career, Length of Resume, Order of Resume, Tailoring the Resume, What your Resume should include, Some Tips for Listing a Bachelor's degree on Your Resume, What NOT to put on your Resume, Formatting Resume, Difference between Resume, Biodata and Curriculum Vitae, Preparation of a Resume

Interview Skills: Meaning of Interview, Types of Interviews, How to get ready for the big day?, Appropriate Attire, Etiquette, Mastering the Art of Meet and Greet, Resume – Points to Remember, Practicum

Group Discussion: Why is GD Essential?, Factors that influence GD, Outcome of GD, Tips for participation in a GD, Useful phrases for GD, Success Tips in GD, Practicum

UNIT III: Personal Effectiveness

Self-Discovery: Characteristics of Personality, Kinds of Self, Who am I?, Personality Inventory Table

Goal Setting: Why do Goal Setting?, Goal Setting Process, Smart Goals

UNIT IV: Numerical Ability

Average, Simple Interest, Compound Interest, Profit and Loss, Area, Volume and Surface Area

UNIT V: Test of Reasoning

Verbal Reasoning: Series Completion, Analogy. *Non-Verbal Reasoning*

Book for Study

1. Balaiah, J., & Joy, J. L. (2024). *Straight from the Traits: Securing Soft Skills*, (Revised 3rd Ed.). St. Joseph's College, Tiruchirappalli.

Books for Reference

1. Aggarwal, R.S. (2010). *A Modern Approach to Verbal and Non-Verbal Reasoning*, S. Chand.
2. Balaiah, J. & Joy, J. L. (2018). *Winners in the Making: A primer on soft skills*. St. Joseph's College, Tiruchirappalli.
3. Covey S. R. (2004). *The 7 Habits of Highly Effective People: Restoring the Character Ethic* (Rev. ed.). Free Press.
4. Egan, G. (1994). *The Skilled Helper* (5th Ed.). Pacific Grove, Brooks/Cole.

5. Khera, S. (2014). *You Can Win*. Macmillan Books.
6. Martin, Y. (2005). *Hiring the Best: A Manager's Guide to Effective Interviewing and Recruiting*, (5th Ed.). Adams Media.
7. Sankaran, K., & Kumar, M. (2010). *Group Discussion and Public Speaking*, (5th Ed.). M.I. Publishers.
8. Trishna. (2012). *How to do well in GDs & Interviews*, (3rd Ed.). Pearson Education.

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	analyse problems directed at testing their cognitive abilities	K3
CO2	present the best of themselves as job seekers and communicate effectively in all contexts	K4
CO3	assess themselves, set goals, and manage conflicts that are expected of a good leader	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
5	23USS54SE01		Skill Enhancement Course - 2: Soft Skills							2	1
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	2	2	2	2	3	2	3	2.5
CO2	2	3	3	2	3	3	2	3	2	2	2.5
CO3	2	2	3	3	2	3	3	3	2	2	2.5
Mean Overall Score											2.5 (High)

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63CC11	Core Course - 11: History of Economic Thought	7	5

Course Objectives

To study the nature and scope of ancient and medieval economic thought.

To understand the economic ideas of classical economists.

To acquire the ideology of Marx and crisis of capitalism

To enlighten the ideas of Indian economic thought

To visualise the views of Nobel Laureates in Economics

UNIT I: Ancient and Medieval Economic Thought (21 Hours)

Nature and importance of Economic thought –The Hebrew Economic thought - Economic ideas of Plato and Aristotle - The Roman thought-Economic ideas of Thiruvalluvar – Medieval Economic Thought: St.Thomas Aquinas- Mercantilism: Role of the state, money, interest and balance of trade - Ideas of Thomus Mun – Physiocracy: main ideas of Physiocrats-

UNIT II: Classical Economic Thought (21 Hours)

Economic ideas of Adam Smith: division of labour, theory of value, wages, capital, the role of money, Laissez fair policy and role of government- Ideas of Jeremy Bentham-Thomas Robert Malthus: Theory of population, Theory of gluts- David Ricardo: theory of value, theory of rent and Profits - Economic ideas of J S Mill.

UNIT III: Socialistic Ideas and the Marginalist School (21 Hours)

Economic ideas of St. Simon, Simonde de Sismondi and Robert Owen - Karl Marx: Marxian system, Class struggle, Theory of value, theory of surplus value, Socialism and crisis of capitalism-Economic ideas of Veblen- Marginalism: - Stanley Jevons, Carl Menger and Leon Walras - Alfred Marshall: Theory of value, Consumer's surplus, Prime and Supplementary costs, External and Internal economies, Representative Firm and Quasi-rent.

UNIT IV: Indian Economic Thought (21 Hours)

Economic ideas of R.C. Dutt , Naoroji and Ranade - Jyotirao Govindarao Phule -Gandhian Economics- Economic ideas of Dr. B. R. Ambedkar- Jawaharlal Nehru: Planning, Democracy and Secularism - Indira Gandhi: Bank nationalization and 20 Point Programme - Economic ideas of Periyar E. V. Ramasami and Arignar C. N. Annadurai.V. K. R. V. Rao and C. N. Vakil

UNIT V: Nobel Laureates in Economics (21 Hours)

Economic ideas of - Gunnar Myrdal - Theoder W Schulz - Gary S Becker- George Akerlof- Joseph E Stiglitz- Robert E. Lucas, Paul Grugman -Amartya Sen- Daniel Kahneman.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Loganathan, V. (2018). *A History of Economic Thought*. Chand S.
2. Sankaran, S. (2010). (2006). *A History of Economic Thought*. Margham Publications.

Books for Reference

1. Paul, R.R. (2015). *History of Economic Thought*. Kalayni Publishers.
2. Roll, E. *A History of Economic Thought*. Faber and Faber.
3. Gray., & Alexander. (1948). *Development of Economic doctrines*.
4. Haney., & Lewis, H. (1911). *History of Economic Thought*. Macmillan.
5. Madan, G. R. *History and Development of Economic Thought*. Chand S.

Websites and eLearning Sources

1. <https://www.hetwebsite.net/het/>
2. <https://thoughteconomics.com/>
3. <https://www.nobelprize/economic-sciences/>
4. <https://www.aeaweb.org/resources/students>

5. <https://sites.google.com/site/maeconomicsku/home>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	state the origin and development of economic ideas	K1
CO2	compare the different schools of economic thought	K2
CO3	apply the economic theories in different economic conditions	K3
CO4	experiment the economic ideas to develop ethical and social values	K4
CO5	analyse the government policies from the perspectives of different economic ideas	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
6	23UEC63CC11		Core Course - 11: History of Economic Thought							7	5
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	1	3	3	2	2	2	2	3	2	2.2
CO2	2	3	1	2	2	3	3	3	2	1	2.2
CO3	1	2	2	3	2	3	2	2	3	2	2.2
CO4	3	3	3	2	3	3	2	3	2	2	2.6
CO5	2	2	2	2	2	2	2	2	3	2	2.1
Mean Overall Score										2.26 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63CC12	Core Course - 12: Public Finance	7	5

Course Objectives
Describe role of trade unions and its impact in India.
Explain the wage policies in India
Interpret the fundamentals of Labour Economics.
Appraise the significance of social security measures.
Compare the important issues of agricultural and Industrial labour.

UNIT I: Nature and Scope of Public Finance (21 Hours)

Meaning, Scope and Importance of Public Finance - Normative and Positive Approach- Role of state on economic activities - Comparison of Public and Private finance - Public Goods and Externalities.

UNIT II: Public Expenditure (21 Hours)

Meaning and causes of Public Expenditure - Distinction between Public and Private Expenditure - Canons of Public Expenditure - Classifications of Public Expenditure - Effects of Public Expenditure.

UNIT III: Public Revenue (21 Hours)

Meaning and causes of Public Revenue - Classification of Public Revenue - Main sources of Public Revenue: Tax Revenue and Non-Tax Revenue - characteristics, objectives, canons and kinds of tax- Impact, shifting, incidence, evasion and effects of taxation.

UNIT IV: Public Debt and Budget (21 Hours)

Meaning, causes, importance and types of Public Debt - Principle of Public Debt Management- Budgetary procedure in India - Agencies involved in financial administration and parliamentary control on budget - Current budget - Fiscal policy: concepts (fiscal deficit, revenue deficit and primary deficit), Instruments, Objectives and Limitations - FRBM Act

UNIT V: Federal Finance and Local Finance (21 Hours)

Meaning and importance of federalism - Principles of Federal Finance - Fiscal Federalism in India - Centre - State Financial relations - Features of PFMS - Finance Commission: Recent Finance Commission - Local Finance

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Tyagi, B. P. (2012). *Public Finance*. Jai Prakash Nath.
2. Kennedy, J.M.M. (2012). *Public Finance*. PHI Learning Pvt. Ltd.

Books for Reference

1. Singh, S. K. (2014). *Public Finance Theory and Practice*. S Chand &co Ltd.
2. Bhatia, H. L. (1999). *Public Finance*. Vikas.
3. Musgrave., & Musgrave. (1984). *Public Finance in Theory and Practice*. McGraw Hill.

Websites and eLearning Sources

1. <https://finmin.nic.in/>
2. <https://www.nipfp.org.in/>
3. <https://www.niti.gov.in/>
4. <https://www.gst.gov.in/>
5. <https://www.indiabudget.gov.in/>

Relationship Matrix											
Semester	Course Code		Title of the Course					Hours		Credits	
6	23UEC63CC12		Core Course - 12: Public Finance					7		5	
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	2	2	3	2	3	3	2	2.4
CO2	2	3	2	2	2	2	3	3	2	2	2.3
CO3	1	2	2	3	2	3	2	2	2	2	2.1
CO4	1	3	2	2	2	2	3	2	3	2	2.2
CO5	1	3	2	2	3	3	2	3	2	2	2.3
Mean Overall Score										2.26 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63ES03A	Discipline Specific Elective - 3: International Economics	5	3

Course Objectives

- examine the basics of international trade.
- discuss the benefits from international trade.
- interpret the fundamental policies that govern the transactions at the international level.
- analyses foreign policies and instruments between countries.
- appraise the role of international organizations.

UNIT I: International Trade and Classical Theories (15 Hours)

Nature of International Trade - Internal and International Trade - Classical theory of International trade: Adam Smith's Absolute Advantage Theory - Ricardo's Comparative Cost Theory - Mill's Theory of Reciprocal Demand.

UNIT II: Modern Version of Theories of International Trade (15 Hours)

Haberler's Opportunity Cost version of Comparative Cost Theory - Heckscher - Ohlin Theory of Factor Endowment - Marshall-Edgeworth Offer Curves - Gains from international trade - The Terms of Trade: Concepts and Measurement.

UNIT III: Exchange Rate (15 Hours)

Exchange Rate: Definition - Types of Exchange Rate: Fixed Vs Flexible Exchange Rate - Theories of Foreign Exchange Rate: The Mint-Parity Theory - The Purchasing Power Parity Theory - Balance of Payment Theory.

UNIT IV: Balance of Trade and Payments (15 Hours)

BoT - Concepts and components of balance of trade and balance of payments; Disequilibrium in balance of payments; various measures to correct deficit in Balance of Payments (Expenditure switching and expenditure reducing policies, Direct control), Depreciation Vs. Devaluation; Elasticity approach to devaluation, Foreign trade multiplier- Concept and implications.

UNIT V: International Economic Institutions (15 Hours)

Free Trade vs Protection - Tariffs - Quotas - International Economic Institutions: IMF, IBRD, UNCTAD & WTO - Trade blocs: EU, OPEC, SAARC, ASEAN, BRICS, STEC and RCEP.

Teaching Methodology	PPT, Case study discussions, and flipped learning.
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Book for Study

1. Mithani, D. M. (2007). *International Economics*. Himalaya Publishing House.

Books for Reference

1. Rana, K. C., & Verma, K. N. *International Economics*. Vishal. Jalandhar.
2. Jhingan, M. L. (2000). *International Economics*. Vrindha.
3. Soderston, Bo. (2005). *International Economics*. Macmillan.
4. Cherunilam, F. (2011). *International Economics*. Tata McGraw-Hill.
5. Krugman, P., Obstfeld, M., & Melitz, M. (2012). *International Economics: Theory and Policy*, (9th Edition). Addison-Wesley (Pearson Education Indian Edition).
6. Salvatore, D. (2011). *International Economics: Trade and Finance*, (10th edition). John Wiley International Student Edition.
7. Mannur, H. G. *International Economics*, (Recent Edition). Vikash Publishing.

Websites and eLearning Sources

1. <https://www.imf.org>
2. <https://www.forextime.com/education/forex-trading-for-beginners>
3. <https://www.weforum.org/>
4. <https://www.wto.org/>

5. https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	describe the concepts and theories of international trade.	K1
CO2	estimate the gains from international trade	K2
CO3	illustrate the principles that govern the free flow of goods and services at the international level.	K3
CO4	compare the foreign exchange rate and balance of payments between countries	K4
CO5	evaluate the functions of International Economic Institutions.	K5

Relationship Matrix												
Semester	Course Code	Title of the Course									Hours	Credits
6	23UEC63ES03A	Discipline Specific Elective - 3: International Economics									5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	3	3	2	3	2	3	3	2	2	3	2.6	
CO2	3	3	2	3	2	3	3	3	2	3	2.7	
CO3	3	2	1	1	2	3	3	2	3	3	2.3	
CO4	3	3	2	3	2	3	3	3	2	3	2.7	
CO5	1	3	1	1	2	3	3	2	2	3	2.1	
Mean Overall Score											2.48 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63ES03B	Discipline Specific Elective - 3: Money and Financial Markets	5	3

Course Objectives
identify the role of money and its impact on the economy.
explain the impact of information for ethical business decisions.
apply economic and finance concepts in financial markets.
analyse world problems with the help of financial instruments.
evaluate sustainability in banking techniques.

UNIT I: Money (15 Hours)

Concepts, functions, measurement; Theories of determination of money supply.

UNIT II: Financial Institutions and Markets (15 Hours)

Role of financial markets and institutions; problem of asymmetric information - adverse selection and moral hazard; financial crises. Money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.

UNIT III: Interest Rates (15 Hours)

Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.

UNIT IV: Banking System (15 Hours)

Balance sheet and portfolio management - Indian banking system: Changing role and structure; banking sector reforms.

UNIT V: Central Bank and Monetary Policy (15 Hours)

Functions, balance sheet; goals, targets, indicators and instruments of monetary control; monetary management in an open economy; current monetary policy of India.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Mishkin, F. S., & Eakins, S. G. (2009). *Financial Markets and Institutions*, (6th Edition). Pearson Education.
2. Fabozzi, F. J., Modigliani, F., Jones, F. G. & Ferri, M. G. (2009). *Foundations of Financial Markets and Institutions*, (3rd Edition). Pearson Education.
3. Baye, M. R., & Jansen, D. W. (1996). *Money, Banking and Financial Markets*. AITBS.
4. Mohan, R. (2011). *Growth with Financial Stability- Central Banking in an Emerging Market*. Oxford University Press.

Books for Reference

1. Bhole, L. M. & Mahukud, J. (2011). *Financial Institutions and Markets*, (5th Edition). McGrawHill,
2. Khan, M. Y. (2011). *Indian Financial System*, (7th Edition). Tata McGraw Hill.
3. Jadhav, N. (2006). *Monetary Policy, Financial Stability and Central Banking in India*, Macmillan.
4. R.B.I. - *Report of the Working Group: Money Supply Analytics and Methodology of*
5. *Compilation*. (1998).
6. R.B.I. Bulletin, *Annual Report and Report on Currency and Finance* (latest).

Websites and eLearning Sources

1. <https://www.rbi.org.in>
2. <https://www.nseindia.com>
3. <https://www.sebi.gov.in>
4. <https://dpiit.gov.in/foreign-direct-investment/foreign-direct-investment-policy>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K-Level)
	On successful completion of this course, students will be able to	
CO1	describe the role played by money and its impact on other economic indicators.	K1
CO2	discuss the effects of asymmetric information on financial markets and identify ethical business decisions.	K2
CO3	apply the knowledge of economics and finance to serve the demand of financial markets.	K3
CO4	analyse the data to solve real world problems with the help of efficient analytical tools.	K4
CO5	recommend sustainable development concepts in organisational and societal culture.	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
6	23UEC63ES03B		Discipline Specific Elective - 3: Money and Financial Markets							5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	1	1	3	2	3	3	2	3	2.2
CO2	3	3	2	3	1	2	3	3	3	2	2.5
CO3	3	2	2	3	3	2	3	2	3	3	2.6
CO4	2	2	1	3	2	2	3	3	3	2	2.3
CO5	3	3	3	2	3	1	3	2	3	1	2.4
Mean Overall Score										2.4 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63ES04A	Discipline Specific Elective - 4: Tamil Nadu Economy	5	3

Course Objectives

To examine the characteristics features of the state of Tamil Nadu.
To discuss the economic progress of the state of Tamil Nadu.
To use the knowledge gained in preparing for competitive examinations in the state of Tamil Nadu.
To explore the role of the Government of Tamil Nadu in the economic development of the State.to
To critically evaluate the performance of Tamil Nadu's economy with other states in India.

UNIT I: Basic Characteristics of Tamil Nadu (15 Hours)

Geographical location of Tamil Nadu; Resource endowments of Tamil Nadu - land, minerals, forests, livestock, monsoon and climate, human resources; Population growth, demographic indicators and trends; urbanization and migration in Tamil Nadu.

UNIT II: Agricultural Sector (15 Hours)

Land use pattern - agro-climatic zones - cropping pattern and major crops; Sources and types of irrigation; Green revolution in Tamil Nadu; Agricultural marketing - Regulated markets -Uzhavar Sandhai - animal husbandry and fisheries; Role of the government in agricultural development.

UNIT III: Industrial and Service Sectors (15 Hours)

Major industries - automobile, leather, textile, sugar, cement, software; MSMEs & Start-ups; KVIC, DIC, EPZ, SPZ, SEZ; Role of the Government in industrial development; Contribution of the tertiary sector to the economic progress of Tamil Nadu.

UNIT IV: Infrastructure and Development Programmes (15 Hours)

Transport - road, rail, air and water; Energy - hydro, thermal and nuclear power; Healthcare, Education and Banking; Unemployment, Anti-poverty programmes, Human development programmes, social security programmes and Smart-city Schemes implemented by the Government of Tamil Nadu.

UNIT V: Performance of Tamil Nadu Economy (15 Hours)

Dynamism of the economy in the context of the pre and post reform era; Trends in State's financial status - revenue, expenditure and debt; Vision 2023 - targets and achievements; Tamil Nadu as a destination for foreign investment; Current year Budget.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Manickam, S. (2013). *Perspectives on Economic Development of Tamil Nadu*.
2. Natraj, V. K. (Editor), Vaidyanathan, A. (Editor). (2014). *Development Narratives: The Political Economy of Tamil Nadu*. Academic Foundation.

Books for Reference

1. Leonard. (2006). *Tamil Nadu Economy*. Macmillian.
2. Rajalakshmi, V. (2002). *Tamil Nadu Economy*. Business Publishers.
3. Perumalsamy, S. (1990). *Economic Development of Tamil Nadu*. S.Chand & Co. Ltd.
4. MIDS. *Tamil Nadu Economy - Performance and Issues*
5. Sankaran, S. (2017). *Indian Economy*. Margham Publications.
6. Gana, L.K. *TN - Economics*. Full Marks Pvt. Ltd.

Websites and eLearning Sources

1. www.tn.gov.in
2. <http://tnervis.nic.in/>
3. <https://www.msmeonline.tn.gov.in/>
4. <https://ctd.tn.gov.in>
5. <https://www.tamilnadutourism.tn.gov.in>

Course Outcomes		
CO No.	CO-Statements	Cognitive Levels (K - Level)
	On successful completion of this course, students will be able to	
CO1	describe the economy of the State of Tamil Nadu.	K1
CO2	explain the economic progress made in various sectors of the Economy of Tamil Nadu	K2
CO3	apply knowledge gained in the subject in cracking competitive examinations for employment within the state of Tamil Nadu.	K3
CO4	analyze the role played by the Government of Tamil Nadu in implementing development programmes with global competitiveness.	K4
CO5	evaluate the performance of Tamil Nadu economy with other states in India.	K5

Relationship Matrix											
Semester	Course Code		Title of the Course							Hours	Credits
6	23UEC63ES04A		Discipline Specific Elective - 4: Tamil Nadu Economy							5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	3	2	3	3	2	3	3	2.6
CO2	3	2	3	3	2	2	3	1	3	2	2.4
CO3	3	2	3	3	3	3	2	2	3	3	2.7
CO4	3	2	3	3	3	3	3	2	3	2	2.7
CO5	3	3	3	3	3	2	3	1	3	2	2.6
Mean Overall Score										2.6 (High)	

Semester	Course Code	Title of the Course	Hours/Week	Credits
6	23UEC63ES04B	Discipline Specific Elective - 4: Economics of Gender Development	5	3

Course Objectives

To define the role of women in Household sector and National economy.
To explain gender issues and interpret women discrimination on social perspective.
To discover the need to prioritize women education and health care.
To explain participation of women in the Labour work force and their contribution towards GDP
To analyze all prevailing laws providing social security to women.

UNIT I: Women as Human Resource (15 Hours)

Human Capital Theory- Investment in Women - Economic Role of Women in India before and after Independence - Contribution of Women in GNP - Household Economy and its contribution.

UNIT II: Demographic Issues (15 Hours)

Sex ratio - Age composition - Female IMR & Fertility rate - Population policy pertaining to women - Crimes against women - Female infanticide and Feticide - Gender bias - Laws protecting women against violence.

UNIT III: Health and Educational Status of Women in India (15 Hours)

Five Year Plans and women development and empowerment -Gender education, skill, productivity, efficiency and opportunity - Female activities and ecological and environmental concerns - Economic status - Factors affecting decision making by women - Access to control over economic resources - A.K.Sen's views.

UNIT IV: Labour Market (15 Hours)

Labour force participation in organised and unorganised sector -Invisibility of women labour in household sector - Occupational pattern of Women employment in India - Work Participation Rate - Determinants of women employment - Problems of Women Workers: Wage Discrimination - Job Security - Equal Pay - Sexual Harassment in work place - BPO Sector - Gender Budgeting - Gender Development Index.

UNIT V: Social Security of Women (15 Hours)

Ensuring economic independence, risk, courage, access to credit and insurance markets - SHGs - Review of legislation for women's rights and duties - Schemes for safety net for women.

Teaching Methodology	Lecturing, PPT, Case study discussions, and flipped learning.
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Books for Study

1. Ghosh, B. N., & Parvesh, K. C. (2002). *Gender and Development: Theory, History, Policy and Cases* Wisdom House.

Books for Reference

1. Boserup, E. (2018). *Women's Role in Economic Development*, George Allen and Unwin.
2. Desai, N., & Raj, M. K. (2016). *Woman and Society in India*. Research centre for women studies, SNDT University.
3. Krishnaraj, M., Sudarashan, R. M & Shariff, A. (2018). *Gender, population and Development*. OUP.
4. Seth, M. (2018). *Women and Development: the Indian Experience*. Sage.
5. Leonard, A. G. (2017). *Tamilnadu Economy*, Macmillan.
6. Government of Tamilnadu, *Tamil Nadu Development Report*.
7. Government of India, *Five Year Plan*.

Websites and eLearning Sources

1. <https://www.unwomen.org/en/how-we-work/intergovernmental-support/world-conferences-on-women>
2. <https://wcd.nic.in/>
3. <https://www.tn.gov.in/departments/30>

4. <http://icds-wcd.nic.in/>

5. <http://ncw.nic.in/>

Relationship Matrix											
Semester	Course Code	Title of the Course								Hours	Credits
6	23UEC63ES04B	Discipline Specific Elective - 4: Economics of Gender Development								5	3
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	2	1	3	3	2	2	3	2.2
CO2	2	3	2	1	2	3	3	2	2	3	2.3
CO3	1	2	3	2	3	2	3	2	3	2	2.3
CO4	1	2	2	3	1	2	3	2	2	3	2.1
CO5	1	2	2	2	3	1	3	2	2	3	2.1
Mean Overall Score										2.2 (High)	