

B.A. ECONOMICS
SYLLABUS - 2017

SCHOOL OF EXCELLENCE
with
CHOICE BASED CREDIT SYSTEM (CBCS)



SCHOOL OF MANAGEMENT STUDIES
St. JOSEPH'S COLLEGE (Autonomous)

Special Heritage Status Awarded by UGC
Accredited at 'A' Grade (3rd cycle) by NAAC
College with Potential for Excellence Conferred by UGC
DBT-STAR & DST-FIST Sponsored College
TIRUCHIRAPPALLI - 620 002, INDIA

**SCHOOLS OF EXCELLENCE
WITH CHOICE BASED CREDIT SYSTEM
(CBCS)**

UNDERGRADUATE COURSES

St. Joseph's College (Autonomous), a pioneer in higher education in India, strives to work towards the academic excellence. In this regard, it has initiated the implementation of five "Schools of Excellence" from the academic year 2014 – 15, to standup to the challenges of the 21st century.

Each School integrates related disciplines under one roof. The school system allows the enhanced academic mobility and enriched employability of the students. At the same time this system preserves the identity, autonomy and uniqueness of every department and reinforces their efforts to be student centric in curriculum designing and skill imparting. These five schools will work concertedly to achieve and accomplish the following objectives:

- Optimal utilization of resources both human and material for the academic flexibility leading to excellence.
- Students experience or enjoy their choice of courses and credits for their horizontal mobility.
- The existing curricular structure as specified by TANSCH and other higher educational institutions facilitate the Credit-Transfer Across the Disciplines (CTAD) - a uniqueness of the choice based credit system.
- Human excellence in specialized areas
- Thrust in internship and / or projects as a lead towards research and
- The multi-discipline nature of the newly evolved structure (School System) caters to the needs of stake-holders, especially the employers.

What is Credit system?

Weightage to a course is given in relation to the hours assigned for the course. Generally one hour per week has one credit. For viability and conformity to the guidelines credits are awarded irrespective of the teaching hours. The following Table shows the correlation between credits and hours. However, there could be some flexibility because of practicals, field visits, tutorials and nature of project work.

For UG courses, a student must earn a minimum of 150 credits as mentioned in the table below. The total number of minimum courses offered by a department are given in the course pattern.

**SUMMARY OF HOURS AND CREDITS
UG COURSES**

Part	Semester	Specification	No. of Courses	Hours	Credits	Total Credits
I	I-IV	Languages (Tamil/Hindi/French/Sanskrit)	4	16	12	12
II	I-IV	General English	4	20	12	12
III	I-VI	Core Theory Practicals Project Work	11-16 3-6 1	90	60	98
	IV-VI	Core Electives Self-paced Learning (Partial Online Course)	3 1	12 -	12 2	
	VI	Comprehensive Examination	1	-	2	
	I-VI	Allied	4/6	24	20	
	III & V	Extra Credit Courses	2	-	(4)	
	VI	Internship	1	-	2	
IV	V	Skilled Based Electives: Between Schools (BS)	1	2	2	23
	VI	Within School (WS)	1	2	2	
	V	Inter Departmental Courses (IDC) Soft Skills / NCC	1	2	2	
	I	Non-Major Courses (NMC) Communicative English	1	-	5	
	II	Computer Literacy	1	2	2	
	III	Environmental Studies (Partial Online Course)	1	2	2	
V	I-IV	Value Education	4	8	8	5
	I-V	SHEPHERD & Gender Studies	-	-	-	
	I-V	AICUF, Fine Arts, Nature Club, NCC, NSS	-	-	-	
	V	Career Guidance & Training	-	-	-	
		TOTAL		180	150	150 (+4 extra credits)

Course Pattern

The Undergraduate degree course consists of five vital components. They are as follows:

- Part-I : Languages (Tamil / Hindi / French / Sanskrit)
 Part-II : General English
 Part-III : Core Course (Theory, Practical, Core Electives, Allied, Project, Internship and Comprehensive Examinations)
 Part-IV : SBE, NMC, Value Education, Soft Skills/National Cadet Corps and Environmental Studies (EVS)
 Part-V : Community Service (SHEPHERD) and Gender Studies, AICUF, Fine Arts, Nature Club, NCC, NSS, etc.

Non-Major Courses (NMC)

There are three NMC's – Communicative English, Computer Literacy and Environmental Studies offered in the I, II & III Semesters respectively.

Extra Credit Courses

In order to facilitate the students gaining extra credits, the extra credit courses are given. There are two extra credit courses – Massive Open Online Courses (MOOC) and Skill-based Course – offered in the III and V Semesters respectively.

According to the guidelines of UGC, the students are encouraged to avail this option of enriching by enrolling themselves in the MOOC provided by various portals such as SWAYAM, NPTEL, etc. Skill based course is offered by the department apart from their regular class hours.

Value Education Courses

There are four courses offered in the first four semesters for the First & Second UG students.

Non-Major Elective / Skill Based Elective

These courses are offered in two perspectives as electives “Within School” (WS) and “Between School” (BS).

Subject Code Fixation

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

Year of Revision	UG Code of the Dept	Semester	Specification of the Part	Subject Category	Running no. in that part
↓	↓	↓	↓	↓	↓
17	U##	x	x	xx	xx
17	UEC	1	3	2	01

For Example :

I B.A. Economics, first semester Micro Economics - I

The code of the paper is 17UEC130201.

Thus, the subject code is fixed for other subjects.

Subject Category

- 00 - Languages (Tamil / Hindi / French / Sanskrit)
 01 - General English
 02 - Core (Theory, Practical, Comprehensive Exams, Internship and Project)
 03 - Core Electives
 04 - Allied
 05 - Extra Credit Courses
 06 - Skill Based Electives (BS) & (WS)
 07 - Soft Skill
 08 - NMC (Communicative English, Computer Literacy/SAP)
 09 - EVS (Environmental Studies)
 10 - Value Education
 11 - Community Service (SHEPHERD) and Gender Studies
 12 - AICUF / Nature Club / Fine Arts / NCC / NSS etc.

EXAMINATION: Continuous Internal Assessment (CIA)

UG - Distribution of CIA Marks	
Passing Minimum: 40 Marks	
Library Referencing	5
3 Components	35
Mid-Semester Test	30
End-Semester Test	30
CIA	100

MID-SEM & END-SEM TEST

Centralised – Conducted by the office of COE

1. Mid-Sem Test & End-Sem Test: (2 Hours each); will have Objective + Descriptive elements; with the existing question pattern PART-A, PART-B, and PART-C.
2. CIA Component III for UG & PG will be of 15 marks and compulsorily objective multiple choice question type.
3. The CIA Component III must be conducted by the department / faculty concerned at a suitable computer centres.
4. The 10 marks of Part-A of Mid-Sem and End-Sem Tests will comprise only: **Objective Multiple Choice Questions; True / False; and Fill-in the Blanks.**
5. The number of hours for the 5 marks allotted for Library Referencing work would be 30 hours per semester. The marks scored out of 5 will be given to all the courses of the semester.
6. English Composition once a fortnight will form one of the components for UG General English.

SEMESTER EXAMINATION

Testing with Objective and Descriptive questions

Part-A: Objective MCQs only (30 Marks)

Answers are to be marked on OMR score-sheet. The OMR score-sheets will be supplied along with the Main Answer Book. 40 minutes after the start of the examination the OMR score-sheets will be collected

Part-B & C: Descriptive (70 Marks)

Part-B: 5 x 5 = 25 marks (Inbuilt Choice);

Part-C: 3 x 15 = 45 marks; 3 out of 5 questions (Open Choice).

The Accounts Paper of Commerce will have

Part-A: Objective = 25

Part-B: Descriptive 3 x 25 = 75 marks.

Duration of Examination must be rational; proportional to teaching hours
90 minute-examination / 50 Marks for courses of 2/3 hours/week (all Part IV UG Courses) 3-hours examination for courses of 4-6 hours/week.

Grading System

1. Grading

The total marks will be calculated by adding both CIA and the end-semester examinations for each of the courses. The total marks thus obtained will then be graded as per details provided in the following 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 (GPA)** and **Cumulative Grade Point Average (CGPA)** respectively. These two are calculated by the following formulae:

$$\text{GPA} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}, \quad \text{WAM (Weighted Average Marks)} = \frac{\sum_{i=1}^n C_i M_i}{\sum_{i=1}^n C_i}$$

where, 'C_i' is the Credit earned for the Course-*i*,

'G_i' is the Grade Point obtained by the student for the Course '*i*',

'M' is the marks obtained for the course '*i*', and

'n' is the number of Courses **Passed** in that semester.

CGPA: Average GPA of all the Courses starting from the first semester to the current semester.

2. Classification of Final Results

- i) For each of the three parts, there shall be separate classification on the basis of the CGPA, as indicated in the following Table-2.

- ii) For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Arts/Science/Commerce/Management/Literature 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 he/she has secured the prescribed passing minimum in the LCs and the ELCs.
- iii) Grade in Part-IV and Part-V shall be shown separately and it shall not be taken into account for classification.
- iv) Absence from an examination shall not be taken as an attempt.

Table-1: Grading of the Courses

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

Table-2: Final Result

CGPA	Classification of Final Results	Corresponding Grade
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-appearance

Credit based weighted Mark System is adopted for individual semesters and cumulative semesters in the column 'Marks Secured' (for 100).

A Pass in SHEPHERD will continue to be mandatory although the marks will not count for the calculation of the CGPA.

Declaration of Result:

Mr./Ms. _____ has successfully completed the Under Graduate in _____ programme. The candidate's Cumulative Grade Point Average (CGPA) in Part-III is _____ and the class secured is _____ by completing the minimum of 150 credits. The candidate has acquired _____ (if any) more credits from SHEPHERD / AICUF / Fine Arts / Sports & Games / NCC / NSS / Nature Club etc. The candidate has also acquired _____ (if any) extra credits offered by the parent department courses.

B. A. Economics
Course Pattern - 2017 Set

Sem.	Part	Part	Code	Subject Title	Hr	Cr
I	I	Language	17UGT110001	Language-I (Tamil/Hindi/French/Sanskrit)	4	3
	II	English	17UGE120101	General English – 1	5	3
	III	Core	17UEC130201	Micro Economics-I	7	5
			17UEC130202	Indian Economic Development -I	6	4
		Allied	17UEC130401	Mathematical Methods in Economics-I	6	5
	IV	NMC	17UCE140801	Communicative English	-	5
		V. Edn	17UFC141001	Value Education: Essentials of Humanity	2	2
	Total for Semester I				30	27
II	I	Language	17UGT210002	Language-II (Tamil/Hindi/French/Sanskrit)	4	3
	II	English	17UGE220102	General English –2	5	3
	III	Core	17UEC230203	Micro Economics-II	6	5
			17UEC230204	Indian Economic Development -II	5	4
		Allied	17UEC230402	Mathematical Methods in Economics-II	6	5
	IV	NMC	17UCE240802	Computer literacy /SAP	2	2
		V. Edn	17UFC241002	Fundamentals of Human Rights	2	2
	Total for Semester II				30	24
III	I	Language	17UGT310003	Language-III (Tamil/Hindi/French/Sanskrit)	4	3
	II	English	17UGE320103	General English – 3	5	3
	III	Core	17UEC330205	Macro economics-I	6	4
			17UEC330206	Urban Economics	5	3
		Allied	17UEC330403	Statistics for Economics-I	6	5
			Extra Credit Course	17UEC330501	Massive Open Online Course	-
	IV	V. Edn	17UFC341003A	Formation of youth-I (or)	2	2
			17UFC341003B	Religious Doctrine- 1		
NMC/EVS		17UCE340901	Environmental Studies	2	2	
Total for Semester III				30	22+(2)	
IV	I	Language	17UGT410004	Language-IV (Tamil/Hindi/French/Sanskrit)	4	3
	II	English	17UGE420104	General English – 4	5	3
	III	Core	17UEC430207	Macro Economics-II	5	4
			17UEC430208	Labour Economics	4	3
		Core Elective (WD)	17UEC430301A	Tamil Nadu Economy (or)	4	4
			17UEC430301B	Tourism Management		
	IV	Allied	17UEC430404	Statistics for Economics-II	6	5
			V. Edn	17UFC441004A	Formation of Youth- II (or)	2
17UFC441004B		Religious Doctrine-II				
Total for Semester IV				30	24	

V	III	Core	17UEC530209	History of Economic Thought-I	6	4	
			17UEC530210	Money and Banking	6	4	
			17UEC530211	Research Methods in Economics	5	3	
			17UEC530212	Economics of Infrastructure	5	3	
		Core Elective (WS)	17UEC530302	Principles of Economics	4	4	
			17UCO530302A 17UCO530302B	Human Resource Management Business Correspondence			
		Self Paced Learning	17UEC530213	Energy Economics	-	2	
		Extra Credit Course	17UEC530502	Extra Credit Course	-	(2)	
		IV	SBE (BS)	17UFC541601	Security Analysis	2	2
			IDC	17USS540701A	Soft Skills	2	2
				17USS540701B	National Cadet Corps		
						Total for Semester V	30
	VI	III	Core	17UEC630214	History of Economic Thought-II	7	4
17UEC630215				Public Finance	6	4	
17UEC630216				International Economics	7	4	
17UEC630217				Internship	-	2	
17UEC630218				Project Work	4	2	
17UEC630219				Comprehensive Examination	-	2	
Core Elective (WS)			17UEC630303 17UCO630303A 17UCO630303B	Environmental Economics (or) Retail Management (or) Principles of Event Management	4	4	
			SBE (WS)	17UEC640602 17UCO640602A 17UCO640602B	Practical Insurance Basic Accounting Practices Practical Advertising	2	2
					Total for Semester VI	30	24
I-V		V	SHEPHERD	17UCE651101	Community Service (SHEPHERD) and Gender Studies	-	5
				Total Credits for all Semesters	180	150+(4)	

Programme Outcomes (POs):

1. Undergraduate students are to be passionately engaged in initial learning with an aim to think differently as agents of new knowledge, understanding and applying new ideas in order to acquire employability/self-employment.
2. Undergraduate students are trained to take up higher learning programmes.
3. Undergraduate students are made to be competent and socially responsible citizen of India.
4. Undergraduate students are to be exposed to technical, analytical and creative skills.
5. Undergraduate students are to be imparted with a broad conceptual background in the Biological sciences / Computing sciences / Languages and culture / Management studies / Physical sciences.

Programme Specific Outcomes (PSOs):

1. To appreciate the importance of the subject Economics.
2. To study the various terms and concepts in Economics.
3. To study various principles and theories in Economics.
4. To evaluate the programmes and policies of both Central and State the Governments.
5. To study various current economic issues and problems to identify solution.
6. To study the quantitative techniques and its applications in Economics.
7. To study research methodology in Economics to undertake research.
8. To study the global economic issues like Globalization, Privatization and Liberalization.

To find out Correlation:

Mean Score of COs	=	$\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$
Mean Overall Score for COs	=	$\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$

Result:

0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Very poor	Poor	Moderate	High	Very High

பருவம்: 1
17UGT110001

மணி நேரம்: 4
புள்ளிகள்: 3

பொதுத்தமிழ்-I**பாடத்தின் விளைவு**

- சமூக மாற்றச் சிந்தனைகளை உள்ளடக்கிய தற்கால இலக்கியப்பரப்பை அறிதல்
- புதுக்கவிதை, சிறுகதை, உரைநடை ஆகியவற்றின் இலக்கியத்திறன் கண்டறிதல்.
- சந்திப்பிழையின்றி எழுதும் திறன் பெறுதல்.
- வாழ்க்கை வரலாற்றுக் கட்டுரைகளை வாசிக்கும் திறன் பெறுதல்.
- அன்றாடப் பயன்பாட்டிலுள்ள ஆங்கிலச்சொற்களுக்குப் பொருத்தமான சொற்களை உருவாக்கச்செய்தல்
- அரசுப்போட்டித் தேர்வுகளுக்கேற்ப தமிழ்மொழியில் பயிற்சி அளித்தல்.

அலகு-1 மகாகவி பாரதியார் கவிதைகள்
பாரதிதாசன் கவிதைகள்
நாமக்கல் கவிஞர் கவிதைகள்
உரைநடை - முதல் மூன்று கட்டுரைகள் (12 மணி நேரம்)

அலகு-2 பாவலரேறு பெருஞ்சித்திரனார் பாடல்கள்
கண்ணதாசன் கவிதைகள்
இலக்கிய வரலாறு (பக். 239- 300)
இலக்கணம் -வலிமிகும் இடங்கள் (14 மணி நேரம்)

அலகு-3 சமூகக்கவிதைகள்
இலக்கிய வரலாறு (பக்.300 -362)
சிறுகதை - முதல் ஆறு சிறுகதைகள் (14 மணி நேரம்)

அலகு-4 அரசியல் கவிதைகள்
இலக்கணம் - வலி மிகா இடங்கள் (10 மணி நேரம்)

அலகு-5 மொழிபெயர்ப்புக்கவிதைகள்
சிறுகதை- 7 முதல் 12 முடிய உள்ள சிறுகதைகள்
உரைநடை- 4முதல் 6 முடிய உள்ள கட்டுரைகள் (10 மணிநேரம்)

பாடநூல்

1. பொதுத்தமிழ்- செய்யுள் திரட்டு- தமிழாய்வுத்துறை வெளியீடு-2017-2020
2. சமூகவியல் நோக்கில் தமிழ் இலக்கிய வரலாறு, தமிழாய்வுத்துறை வெளியீடு, தாய வளனார் கல்லூரி, திருச்சிராப்பள்ளி-2
3. உரைநடை நூல் - தமிழாய்வுத்துறை வெளியீடு.
4. சிறுகதைத்தொகுப்பு : (நாட்டுடைமையாக்கப்பட்ட படைப்பாளர்களின் சிறுகதைகள்), தமிழாய்வுத்துறை வெளியீடு.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UGT110001	Title of the Paper கொத்துதமிழ்-1										Hours 4	Credits 3	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		PSO6	PSO7	PSO8
CO1	5	5	4	3	5	5	4	4	4	3	3	4	5	4.2
CO2	5	5	5	3	4	5	4	5	4	3	3	4	5	4.2
CO3	4	4	5	4	3	4	3	5	4	3	3	4	5	3.9
CO4	5	5	4	4	4	5	5	5	4	3	5	5	5	4.5
CO5	5	5	5	4	4	4	4	5	4	3	4	5	5	4.0
CO6	5	5	5	3	4	4	4	4	4	5	4	3	5	3.8
Mean Overall Score														4.1

Result: The Score for this Course is 4.1 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semestre: I
17UGH110001

Hours/Week: 4
Credits : 3

HINDI

Learning Outcomes

At the end of the course, a student should be able to demonstrate...

- * Knowledge and understanding of Hindi Conversations
- * Improvement of the writing skills.
- * Knowledge of Grammar forms
- * Effective communicative skills in Hindi.
- * The introduction of socially relevant subjects in Modern Hindi Literature
- * Appreciation the features of Modern Hindi Prose.

Unit-I

8 hours

Dr Abdul Kalam, Ling Badaliye, Vachan Badaliye, Baathcheeth-Aspathal Mein

Unit-II

12 hours

Hamara Rajchinha, Noun Ling, Kaarak Chinha, Chaar Baayee, Baathcheeth, Dookan Mein

Unit-III

12 hours

Moun hee mantra hai, Vachan, Kaarak, Vishwamitra Ka yagna, Baathcheeth, Hotel mein

Unit-IV

14 hours

Veer Shivaji, Pronoun, Danush Yagna, Baathcheeth-Maidan mein

Unit-V

14 hours

Rajatilak Kee Thaiyaree, Adjectives, Baathcheeth-Pareeksha ke baare mein

Books Recommended

1. Dakshina Bharathi Hindi Prachar Sabha, Thiagaraya Nagar, Chennai – 600 017, Subhodh Hindi Patamala-2, Bharath Milap, Bharath-1, 2016.
2. Ramdev, Vyakaran Pradeep, Hindi Bhavan, 63, Tagore Nagar, Allahabad 2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UGH110001	Title of the Paper Hindi-I										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	4	4	4	3	4	2	2	2	3	4	4	3.2	
CO2	3	3	2	3	2	4	4	4	3	3	2	3.0	
CO3	3	2	2	3	4	2	2	2	3	4	4	2.8	
CO4	3	2	2	3	2	4	4	4	4	2	2	2.9	
CO5	3	3	3	3	3	3	4	4	3	3	3	3.2	
CO6	4	4	4	4	3	4	3	2	4	3	3	3.4	
Mean Overall Score												3.1	

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semestre: I
17UGF110001**

**Heures /Semaine: 4
Credits : 3**

FRANÇAIS-I

Course Outcomes:

- * Introduire la langue et la culture française aux étudiants
- * Comparer la culture de l'Inde et de la France
- * Familiariser l'étudiant avec le vocabulaire
- * la grammaire et les conversations se présenter
- * Donner des informations en Français
- * Conjuguer des verbes, Avoir Etre Aller Faire

Unit-I : A l'aéroport Kamaraj domestic de Chennai (10 heures)

Saluer, demander et dire le nom, présenter quelqu'un, se présenter, souhaiter la bienvenue a quelqu'un, demander et dire l'identité de quelqu'un.

Grammaire : Etre, s'appeler, pronoms sujets, interrogation

Unit-II : A l'Université (10 heures)

Demander comment on se porte, présenter quel qu'un, prendre congé, exprimer, l'appréciation.

Grammaire : Articles définis et indéfinis, genre des noms, adjectifs, présent de l'indicatif : verbes réguliers en er, être avoir, apprendre, prépositions a, en, au, aux.

Unit-III : Au café (10 heures)

Dire ce qu'on aime, donner des informations, exprimer l'admiration, demander des informations sur quelqu'un.

Grammaire : Adjectifs interrogatifs, présent de l'indicatif : avoir, verbes en er , savoir, qu'est ce que c'est?, adjectifs possessifs, négation ,adjectifs irréguliers

Unit-IV : A la plage (15 heures)

Proposer une sortie, accepter, refuser la proposition

Grammaire : phrases au singulier et au pluriel, pronom indéfini- on, il y a, adjectifs démonstratifs, négation, interrogation, présent de l'indicatif : faire, voir, aller, sortir, connaître

Unit-V : Un concert et chez Nalli (15 heures)

Inviter, accepter, exprimer son incapacité d'accepter, complimenter, parlé au téléphone, demander le prix, protester contre le prix.

Grammaire : Présent de l'indicatif : verbes en er, venir, pouvoir, vouloir, articles contracte, avec, a chez, le futur, interrogation est ce que, adverbes

interrogatifs, adjectifs possessifs, accord de l'adjectif, adjectifs exclamatifs, très/trop, présent de l'indicatif : acheter-regarder, l'impératif.

Manuel:

1. K.Madanagobalane, **Synchronie-1**, Samhitâ Publication, 2011.

Livre de référence:

1. Annie Berthet /B_atrix Sampsonis/ Catherine Hugot /V_ronique M Kizirian / Monique Waendendries, **Alter Ego A1**, Hachette, 2006.
2. Yves Loiseau/R_gineM_rieux, Connexions 1, Didier, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UGF110001	Title of the Paper French-I										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	4	4	2	3	4	4	4	2	2	3	3	3.2	
CO2	3	3	3	3	4	4	4	3	3	3	2	3.2	
CO3	3	2	3	2	4	3	2	4	4	3	3	3.0	
CO4	3	3	4	3	4	2	2	3	3	2	2	2.8	
CO5	3	3	4	3	4	3	3	3	4	5	2	3.4	
CO6	3	4	3	3	3	3	3	3	2	4	3	3.1	
Mean Overall Score											3.1		

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: I
17UGS110001

Hours/Week: 4
Credits : 3

SANSKRIT-I

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * Knowledge and understanding of basic Sanskrit grammar
- * Knowledge and understanding of essential Sanskrit vocabulary
- * Introduction of the writing skills
- * Introduction of Sanskrit Aksharas.
- * Introduction of Present tense forms
- * Implementation of good thoughts from Subashitani

Unit-I 8 hours

Akharavivaranam – Svaras & Vyanjanaani – Samyukta Aksharani.

Unit-II 12 hours

Shabdadayah – Aakaaraanta, ikaar aantah. ukaaraantah.

Shabdadayah – Aakaaraanta, iikaar aantah. uukaaraantah.

Unit-III 12 hours

Anuvaada Prayogah.

Unit-IV 14 hours

Lat Lakarh – Parasmai – Pada Prayogah = Vakyarupah.

Unit-V 14 hours

Subhaashitaani

Books Recommended

1. Kulapathy, K. M., Saral Sanskrit Balabodh, Bharathiya Vidya Bhavan, Munshimarg, Mumbai-400 007, 2014
2. R.S. Vadhyar & Sons, Book-Sellers and Publishers, Kalpathi, Palghat-678003, Kerala, South India, Shabdha Manjari, 2014
3. Balasubramaniam R., Samskrita Akshara Siksha, Vangals Publication, 14th Main Road, JP Nagar, Bangalore -78, 2015.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UGS110001	Title of the Paper Sanskrit-I										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
	CO1	5	3	5	4	4	3	3	3	3	4	3.1	
	CO2	4	3	4	4	4	4	4	4	3	4	3.3	
	CO3	4	3	3	4	4	3	4	4	3	4	3.1	
	CO4	4	3	3	4	3	3	4	4	3	4	3.0	
	CO5	4	4	4	3	4	4	3	3	3	4	3.1	
	CO6	5	4	4	4	4	3	3	3	3	4	3.1	
Mean Overall Score												3.1	

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: I
17UGE120101

Hours/Week: 5
Credits: 3

GENERAL ENGLISH-I

Course Outcome

- * Introduce themselves to the others
- * Narrate simple experiences in a coherent manner
- * Understand the underlying meaning in the text
- * Describe accurately what he/she observes and experiences
- * Converse with friends about their likes and dislikes
- * Write leave letters using the appropriate format and language

Unit-I:

01. Personal Details
02. Positive Qualities
03. Listening to Positive Qualities
04. Relating and Grading Qualities
05. My Ambition
06. Abilities and Skills
07. Self-Improvement Word Grid
08. What am I doing?
09. What was I doing?
10. Unscramble the Past Actions
11. What did I do yesterday?

Unit-II:

12. Body Parts
13. Actions and Body Parts
14. Value of Life
15. Describing Self
16. Home Word Grid
17. Unscramble Building Types
18. Plural Form of Naming Words
19. Irregular Plural Forms
20. Plural Naming Words Practice
21. Whose Words?

Unit-III:

22. Plural Forms of Action Words

23. Present Positive Actions
24. Present Negative Actions
25. Un/Countable Naming Words
26. Recognition of Vowel Sounds
27. Indefinite Articles
28. Un/Countable Practice
29. Listen and Match the Visual
30. Letter Spell - Check
31. Drafting Letter

Non-Detailed:

“The Merchant of Venice” from *Six Tales From Shakespeare*

Unit-IV:

32. Friendship Word Grid
33. Friends’ Details
34. Guess the Favourites
35. Guess Your Friend
36. Friends as Guests
37. Introducing Friends
38. What are We Doing?
39. What is (s)he / are they Doing?
40. Yes / No Question
41. What was s/he doing?
42. Names and Actions
43. True Friendship
44. Know your Friends
45. Giving Advice/Suggestions
46. Discussion on Friendship
47. My Best Friend

Non-Detailed:

“The Taming of the Shrew” from *Six Tales From Shakespeare*

Unit-V:

48. Kinship Words
49. The Odd One Out
50. My Family Tree
51. Little Boy’s Request

52. Occasions for Message
53. Words denoting Place
54. Words denoting Movement
55. Phrases for Giving Directions
56. Find the Destination
57. Giving Directions Practice
58. SMS Language
59. Converting SMS
60. Writing Short Messages
61. Sending SMS
62. The family debate
63. Family Today

Non-Detailed: “The Tempest” from *Six Tales From Shakespeare*

Textbook

1. Joy, J.L. & Peter, F.M. *Let's Communicate I*, New Delhi, Trinity Press, 2014. Print.

Non-Detailed Text

1. Dodd, E F. *Six Tales From Shakespeare*. London: Macmillan, 1987. Print. (First three tales)

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UGE120101	Title of the Paper General English-I					Hours 4	Credits 3						
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	4	3	4	4	4	5	4	4	4	3	3	4	4	3.80
CO2	4	3	4	4	4	5	5	4	4	4	4	4	4	4.10
CO3	4	3	4	4	4	3	3	4	4	3	3	4	4	3.60
CO4	4	3	2	4	4	4	4	3	3	5	5	4	4	3.80
CO5	4	3	4	4	4	4	4	3	3	4	4	5	5	3.90
CO6	5	4	4	3	3	4	4	3	4	4	5	4	4	3.90
Mean Overall Score														3.85

Result: The Score for this Course is 3.85 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester I
17UEC130201

L P C
7 - 5

MICRO ECONOMICS-I

Course Outcome

- * To acquaint students with the fundamental concepts and principles to understand the Economic motives and behaviour patterns of an individual Consumer.
- * To know the scope and methodology of Micro Economics.
- * To get to know the idea of how Micro economics is different from Macro Economics.
- * To know the difference between Cardinal Utility analysis and Ordinal Utility analysis.
- * To know the idea of Producer's Equilibrium and Consumer's Equilibrium.
- * To understand the Concept of Production Function.
- * To understand the Concept of Return to Scale.
- * To get to know the idea of different Cost curves and Revenue curves.

Unit-I: Scope and Methodology of Micro Economics (16 hours)

Meaning – Difference between Micro and Macro Economics - Definition of Economics – Adam Smith - Marshall - Robbins -- Samuelson - Modern Micro Economics: Importance and Limitations - Methodology of Economics - Deductive Method and Inductive Methods - Static and Dynamics - Economic Laws.

Unit-II: Theory of Consumer Behaviour - Cardinal Utility Analysis (20 hours)

Concept of Utility - Cardinal Utility - Ordinal Utility - Law of Diminishing Marginal Utility - Law of Equi-Marginal utility -- Concepts of Demand and Supply - Law of Demand - Law of Supply. Elasticity of Demand - Price Elasticity of Demand - Income Elasticity of Demand - Cross Elasticity of Demand - Measurement of Elasticity of Demand - Factors influencing Elasticity of Demand - Concept of Demand Forecasting - Consumer's Surplus – Applications of consumer's Surplus.

Unit-III: Theory of Consumer Behaviour - Ordinal Utility Analysis (18Hours)

Indifference Curve Technique - Features of Indifference Curve - Consumer's Equilibrium - Price Effect - Income Effect - Substitution Effect - Samuelson's Revealed Preference Theory.

Unit-IV: Theory of Production (18 Hours)

Factors of Production - Features - Production Function – Cobb-Douglas Production Function – Long-Run Production Theory: Law of Diminishing Returns, Law of Increasing Returns and Law of Constant Returns – Short-run Production Theory: Law of Variable Proportions - Returns to Scale - Equal Product Curves - The Principle of DMRTS - Producer's Equilibrium: Internal and External Economies and Diseconomies of Scale of Production.

Unit-V: Cost and Revenue Curves (18 Hours)

Concepts of Cost - Fixed Cost - Variable Cost - Total Cost - Average Cost - Marginal Cost - Average Cost Curves - Nature of Short Run and Long Run Average Cost Curves - Derivation of LAC Curve -- Revenue Concepts - Total Revenue - Average Revenue and Marginal Revenue Curves under different Market Structure - Relationship between Average Revenue and Marginal Revenue - Break-even Analysis.

Case study: Consumer's preference about various goods and the estimation of consumer Surplus if any.

Text Book

1. S.Sankaran - Economic Analysis, Margham Publications, Madras, 1991
2. Salvatore - *Micro Economics*, 4/e, OUP, New Delhi, 2002.

Books for Reference

1. Ahuja H.L. (1996) - *Principles of Micro Economics, A New look at Economic Theory*, S.Chand, New Delhi.
2. Dewett K.K - *Micro Economics*, S.Chand, New Delhi, 2009.
3. Jhingan M.L, (2008) *Micro Economic Theory*, Konark, New Delhi.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UEC130201	Title of the Paper Part-III: Micro Economics-I										Hours 7	Credits 5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	4	4	3	4	4	4	4	3.54
CO2	3	2	3	3	3	5	5	5	5	3	5	3	3	3.69
CO3	4	3	3	4	4	3	4	4	3	5	3	4	4	3.69
CO4	3	4	3	2	4	4	4	5	3	4	2	4	3	3.46
CO5	2	1	4	3	4	5	3	3	2	4	2	4	2	3.00
CO6	3	4	3	2	4	3	3	5	3	3	4	3	5	3.46
CO7	4	3	4	3	2	4	2	4	5	5	3	2	3	3.38
CO8	3	4	4	3	4	5	4	3	4	3	5	4	2	3.69
Mean Overall Score														3.49

Result: The Score for this Course is 3.49 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation Quality	1 0.0-1.0 Very poor	2 1.1-2.0 Poor	3 2.1-3.0 Moderate	4 3.1-4.0 High	5 4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester I
17UEC130202**

**L P C
6 - 4**

INDIAN ECONOMIC DEVELOPMENT -I

Course Outcome

- * To give a basic knowledge of Indian Economy
- * To know the Millennium Development Goals
- * To identify the various farming method used in Indian Agriculture
- * To identify the various problems faced by the Indian industries
- * To know the significance of Industrial policy of India
- * To analyze the Government schemes for eradication of poverty

Unit-I: Characteristic Features of Indian Economy (18 Hours)

British Rule - Impacts on the Indian Economy - Characteristic Features of Indian Economy – Socialistic Pattern of Society – Meaning of Development and Growth – Millennium Development Goals

Unit-II: Nature and Significance of Agriculture (18 Hours)

Nature and Importance of Agriculture – Green Revolution - Agricultural Production and Productivity - Factors Influencing Agricultural Development - Agricultural Marketing - Sources of Agricultural Finance - Agricultural Labour in India - New Developments concepts: Traditional Farming – Organic Farming - Precision Farming – Corporate Farming – Genetically Modified Seeds – Sustainable Agriculture-Second Green Revolution.

Unit-III: Industries in India (18 Hours)

Pattern of Industrialization - Industrial Policy: 1948, 1956 and 1991 -- Role of Industry in Economic Development – Major Industries: Cotton Textile Industry - Iron and Steel Industry and Cement Industry - Role and Problems of Medium, Small Scale and Cottage Industries.

Unit-IV: Unemployment and Poverty in India (18 Hours)

Meaning and Causes of Unemployment and Poverty in India - Measures taken by the Government to solve Unemployment and Poverty – Food Security – Food Inflation - PDS – Nutritional Security - Nutritious Noon Meal Scheme - PURA (Vision 2020) – MGNREGP (Mahatma Gandhi National Rural Employment Guarantee Programme)

Unit-V: Planning in India (18 Hours)

Economic Planning - Meaning and significance of planning - Planning Strategies of India - Broad objectives, Achievements and Failures of Planning –NITIAAYOG - Structure and Functions.

Text Book

1. Ruddar Datt and Sundharam K.P.M., *Indian Economy*, Sultan Chand, New Delhi, 2009
2. Uma Kapila, *Indian Economy*, 9th Edition, ISBN:8171887902, Published by Academic Foundation, 2010.

Books for Reference

1. Ishwar.C.Dhingra -*The Indian Economy*, Twenty first edition, Sultan Chand, New Delhi, 2016.
2. Mishra & Puri - *Economics of Development and Planning*, Himalaya, Mumbai, 7th edition, 2005.
3. Meier, G.M. *Leading Issues in Economic Development*, O U P, New Delhi, 6th edition, 1995.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UEC130202		Title of the Paper Part-III: Indian Economic Development I										Hours 6	Credits 5
	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	4	3	4	3	2	5	4	3	5	5	3	3	4	3.69
CO2	3	2	3	1	2	4	4	3	4	4	4	3	5	3.23
CO3	3	3	2	2	1	4	4	4	4	3	3	4	5	3.23
CO4	3	3	2	3	3	4	4	3	4	5	4	5	4	3.62
CO5	4	3	3	3	2	3	4	4	5	5	4	3	5	3.69
CO6	4	3	4	4	3	2	3	3	4	4	4	3	3	3.38
Mean Overall Score														3.47

Result: The Score for this Course is 3.294 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester I	L	P	C
17UEC130401	6	-	5

Allied:

MATHEMATICAL METHODS FOR ECONOMICS-I

Course Outcome

- * It enhance the students' knowledge to quantify the socioeconomic problems
- * This course feeds the students to be critical thinking on different angle in a single problem.
- * It induces the quantitative techniques skills
- * It helps the students to understand the relationship between the variable and nature of relationship.
- * The student will learn the forecasting techniques.
- * This course enriches the students with problem solving skills.
- * The students acquire the analytical skills.
- * Students get the confidence to apply the theory to the practical problems.

Unit-I: Set Theory (18 Hours)

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, marginal revenue and marginal cost - Revenue maximization and cost minimization.

Unit-V: Integral Calculus (18 Hours)

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

Textbook

1. Agarwal C.S and. Joshi R.C, *Mathematics for Economists*, The New Academic Publishing Jalandhar, 1983.
2. Bose, D. An introduction to Mathematical Economics, Himalaya Publishing House, Mumbai, 2010.

Books for Reference

1. Arul Jeganatharaj D, Gnanasekaran G and Stanly P, *Mathematics for Beginners*, Tiruchirappalli, 1989.
2. Schaum's Outline of Introduction to Mathematical Economists, 3rd Edition, Edward Dowling, McGraw-Hill Education, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Code 17UEC130401	Title of the Paper Part-III: Mathematical Methods in Economics I										Hours 6	Credits 4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	3	3	4	3	4	4	4	3.38
CO2	3	2	3	4	3	5	4	2	4	3	5	4	3	3.46
CO3	4	3	3	2	4	3	4	4	3	2	4	4	3	3.31
CO4	3	4	3	2	4	4	4	4	2	4	3	4	4	3.46
CO5	2	5	2	4	4	2	3	3	5	3	2	5	4	3.38
CO6	3	4	3	2	4	4	2	3	4	3	3	2	5	3.23
CO7	2	5	2	4	4	2	3	3	5	3	2	5	4	3.38
CO8	3	4	3	2	4	4	2	3	4	3	3	2	5	3.23
Mean Overall Score														3.35

Result: The Score for this Course is 3.35 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs =	$\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs =	$\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester I
17UFC141001**

**Hours/Week:2
Credits: 2**

ESSENTIALS OF HUMANITY

Course Outcome

1. To ensure creating awareness among the youth on human values.
2. To ensure educating the youth, the basic principles of value education.
3. To ensure the process of analyzing, appreciating and personalizing values as our own.
4. To ensure that students develop various dimensions of human personality.
5. To ensure the youth empowering the gender sensitization, gender differences and gender roles.
6. To ensure preparing the students for the smooth transfer from the stage of teenage to earlier adulthood.

Unit-I

Principles of Value Education - Introduction - Value Education- Characteristics of Values – Kinds of Values

Unit-II

Development of Human Personality - Personality traits - Theories of Personality - Discovering self- Defense mechanism - Power of positive thinking

Unit-III

Dimensions of Human Development - Physical development – Intellectual development - Emotional development - Social Development – Moral development - Spiritual development

Unit-IV

Responsible Parenthood - Human sexuality - Sex and love - Becoming a spouse - Responsible Parenthood

Unit-V

Gender Equality and Empowerment - Historical perspective - Education & economic development -Crimes against Women-Women's rights

Text Book:

Essentials of Humanity, Department of Foundation course, St.Joseph's College, Tiruchirappalli-2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Outcomes (COs)	Course Code 17UFC141001	Title of the Paper ESSENTIALS OF HUMANITY														Hours 2	Credits 2
			Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs		
			PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
	CO1		3	1	5	4	3	5	4	5	5	5	5	4	3		4.0	
	CO2		2	1	5	5	3	5	4	5	5	5	5	4	3		4.0	
	CO3		2	1	5	5	4	5	4	4	5	5	5	5	3		4.1	
	CO4		2	2	5	4	2	5	4	4	5	4	5	5	5		4.0	
	CO5		5	2	5	5	2	5	4	4	5	5	4	4	4		4.2	
	CO6		2	1	5	5	4	4	4	5	5	4	4	4	3		3.8	
Mean Overall Score																	4.0	

Result: The Score for this Course is 4.0 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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பருவம்: 2
17UGT210002

மணி நேரம்: 4
புள்ளிகள்: 3

பொதுத்தமிழ்-II

பாடத்தின் விளைவு

- சமூக மாற்றச் சிந்தனைகளை உள்ளடக்கிய தற்கால இலக்கியப்பரப்பை அறிதல்
 - பக்தி இலக்கியங்களின் வழி இறையியல் கோட்பாடுகளை அறிதல்
 - உரைநடைக் கட்டுரை எழுதும் திறன் பெறுதல்- இலக்கணமரபுகளை அறிதல்
 - பல்வேறு சமயங்களின் வாழ்வியல் கருத்துக்களை அறிந்து பின்பற்றுதல்
 - காப்பியங்களில் உள்ள சமுதாயக் கருத்துக்களை அறிந்துகொள்ளுதல்.
 - இதிகாசங்கள் உணர்த்தும் நீதிகளை அறியச்செய்தல்.
- அரசுப்போட்டித் தேர்வுகளுக்கேற்ப பொதுக்கட்டுரைகளும் மொழிப்பயிற்சியும் மாணவர்களுக்கு அளித்தல்.

அலகு: 1 (12 மணி நேரம்)

- | | |
|----------------|-----------------------------------------------|
| சிலப்பதிகாரம் | - அந்திமாலைச் சிறப்பு செய்காதை |
| இலக்கிய வரலாறு | - சைவம் வளர்த்த தமிழ் முதல் புராணங்கள் முடிய. |
| இலக்கணம் | - எழுத்திலக்கணம் |

அலகு: 2 (12 மணி நேரம்)

- | | |
|--------------|--------------------------|
| மணிமேகலை | - உலக அறவி புக்க காதை |
| பெரியபுராணம் | - தடுத்தாட்கொண்ட புராணம் |

அலகு: 3 (12 மணி நேரம்)

- | | |
|--------------|-----------------------------------|
| கம்பராமாயணம் | - கும்பகர்ணன் வதைப்படலம் |
| உரைநடை | - 7 முதல் 9 முடிய உள்ள கட்டுரைகள் |

அலகு: 4 (12 மணி நேரம்)

- | | |
|----------------|-------------------------------------------------------|
| சீறாப்புராணம் | - மானுக்குப் பிணை நின்ற படலம் |
| இலக்கணம் | - சொல்லிலக்கணம் |
| இலக்கிய வரலாறு | - தமிழ் இலக்கண நூல்கள் முதல் சிற்றிலக்கியங்கள் முடிய. |

அலகு: 5 (12 மணி நேரம்)

- | | |
|----------------------|-----------------------------------|
| இரட்சணிய யாத்திரிகம் | - மரணப்படலம் |
| உரைநடை | - 10 முதல் 12 வரையிலான கட்டுரைகள் |

பாடநூல்:

- செய்யுள் திரட்டு, தமிழாய்வுத்துறை வெளியீடு, 2017-10
- சமூகவியல் நோக்கில் தமிழ் இலக்கிய வரலாறு, தமிழாய்வுத்துறை வெளியீடு, தூய வளனார் கல்லூரி, திருச்சிராப்பள்ளி-2
- உரைநடை நூல் - தமிழாய்வுத்துறை வெளியீடு.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UGT210002	Title of the Paper கார்ப்புத்தமிழ்- II										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)							
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	5	4	4	4	4	5	5	5	4	4	2	4	4
CO2	4	5	5	4	5	5	5	5	5	4	3	4	3
CO3	5	5	4	4	5	5	5	5	4	3	3	4	3
CO4	5	5	4	3	4	5	5	5	4	3	3	4	3
CO5	5	5	4	3	4	5	5	5	4	3	3	4	3
CO6	5	5	5	5	4	5	5	5	4	3	3	4	3
Mean Overall Score													4.2

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Result: The Score for this Course is 4.2 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semestre: II
17UGH210002**

**Hours/Week: 4
Credits : 3**

HINDI-II

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- their effective communicative skills in Hindi
- the introduction of socially relevant subjects in Modern Hindi Literature
- to appreciate the features of Modern Hindi one act plays and short stories
- the ability to fill in application forms Hindi
- use Hindi vocabulary and grammar patterns in a culturally proper ways.
- the ability to write about famous Hindi authors .

Unit-I

8 hours

Paeksha, Lekak Parichaya, Khani kee Basha – Shyli, Verb, Dhathu, Artha likiye ulte Shabda likiye.

Unit-II

12 hours

Lekak Parichaya Ekanki kee, Basha Shyli, Ander Nagaree, Sankalan Traya, Pareek shaka Khani ke paatra, Kal, Vachya.

Unit-III

12 hours

Chief Kee daavath, Ekanki ke Paatra, Ekankikaar, Ne ka Prayog, Adverb

Unit-IV

14 hours

Do Kalakar, Bahoo kee Vidha, Kahaanikaar, Prepositions, conjunctions

Unit-V

14 hours

Kahani ke paatra, Ekanke ke paatra, lekak parichaya, Interjunctions, Avikari Shabda

Books Recommended

1. Dakshina Bharath Hindi Prachara Sabha, Thiagaraya Nagar, Chennai - 600 017, Subodh Hindi Patamala-2, Ekanki, Hindi, 2016.
2. Ram Dev Hindi Bhavan, Vyakaran Pradeep, 63, Tagore Nagar, Alahabad, 2, 2013.

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Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UGH210002	Title of the Paper Hindi-II					Hours 4	Credits 3				
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	Mean Score of COs
CO1	4	4	4	3	4	3	2	3	4	4	4	3.5
CO2	3	3	2	3	2	4	4	3	3	2	2	2.8
CO3	3	2	2	3	4	2	4	4	2	3	4	3.0
CO4	3	2	2	3	3	4	3	3	4	3	3	3.0
CO5	3	3	3	3	3	3	3	4	3	4	3	3.1
CO6	4	4	4	4	3	4	3	3	3	3	2	3.3
Mean Overall Score												3.1

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semestre: II
17UGF210002

Heures /Semaine: 4
Credits : 3

FRANÇAIS-II

Course Outcomes:

- * Faire connaissance des journaux, des courriels, des lettres
- * Comprendre les conversations téléphoniques.
- * Décrire quelque chose
- * Demander son chemin
- * Parler des activités du week-end
- * Accepter, refuser, exprimer la certitude.

Unit-I: Nouvelles de L'inde (10 heures)

Montrer son inquiétude, s'excuser, exprimer son appréciation, décrire quelqu'un, décrire quelque chose

Grammaire: Présent : verbes en er,-ir, le futur, interrogation totale, féminin d'autres adjectifs.

Unit-II: A la gare Central station (10 heures)

Réserver des billets, demander des renseignements, donner des renseignements

Grammaire: pronoms compléments d'objet direct, présent l'impératif :payer ,partir/sortir, l'impératif, expression du temps, construction avec infinitif

Unit-III : Un lit dans la Cuisine (10 heures)

Donner des ordres, localiser, dire qu'une proposition est stupide ou bizarre

Grammaire : Verbes en er-ranger, mettre impératif, il faut, devoir +infinitif, prépositions de lieu

Unit-IV: Pierre apprend a conduire et mangez –vous correctement ? (15 heures)

Rassurer, exprimer l'indirection exprimer l'autorisation, avertir, demander des informations sur les habitudes de quelqu'un, offrir a manger ou a boire, accepter, refuser, exprimer la certitude.

Grammaire: impératif-être, avoir, savoir, pronoms compléments d'objet indirect, le passe compose avec avoir expression de la quantité-articles partitifs, adverbes, pronoms directs et indirects, pronom en, présent des verbes –manger, boire ,offrir ,prendre, la condition avec si.

**Unit-V: Ils ont eu tort tous les deux !et Comment as-tu passe le weekend
(10 heures)**

Demander son chemin, indiquer le chemin a quelqu'un, reprocher / conseiller, parler des activités du week-end, demander a quelqu'un de se taire

Grammaire: le passe compose, adverbess mots interrogatifs, le passe compose avec être, faire du....pouvoir, vouloir.

Manuel:

1. K. Madanagobalane, **Synchronie -1**, Samhitâ publication, 2011.

Livre de référence:

1. Annie Berthet / B_atrix Sampsonis / Catherine Hugot / V_ronnique M kizirian / Monique Waendendries, **Alter Ego A1**, Hachette, 2006
2. Yves Loiseau / R_gine M-rieux, Connexions 1, Didier ,2011

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UGF210002	Title of the Paper French-II										Hours	Credits
Course Outcomes (COs)	Programme Outcomes (POs)						Programme Specific Outcomes (PSOs)						Mean Score of COs
	PO1	PO2	PO3	PO4	PO5		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	4	4	2	3	4		3	3	2	2	3	3	3.0
CO2	3	3	3	3	4		3	3	2	2	2	3	2.8
CO3	3	2	3	2	4		3	3	2	2	3	3	2.7
CO4	3	3	4	3	4		3	3	3	3	3	3	3.2
CO5	3	3	4	3	4		2	4	4	4	4	5	3.6
CO6	3	4	3	3	3		3	4	4	3	4	4	3.5
Mean Overall Score												3.1	

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: II
17UGS210002

Hours/Week: 4
Credits : 3

SANSKRIT-II

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * knowledge and understanding of basic Sanskrit grammar
- * knowledge and understanding of essential Sanskrit vocabulary
- * knowledge and understanding of the appropriateness of basic Sanskrit structures and expressions in a given context
- * the ability to understand short passages in written Sanskrit on everyday topics
- * the ability to produce short passages in written Sanskrit on everyday topics
- * introduction of basic grammar (Avyaya Imperfect tense and Sandirules. Samasah.)

Unit-I **8 hours**
Visheshanaah
Saravanaama shabdas.

Unit-II **12 hours**
Sandhi Niyamaah Abhyaasah.(Guna, Visarga, Dirgha, Vrddhi)

Unit-III **12 hours**
Lang lakaarah. Kriyapadaani

Unit-IV **14 hours**
Gopala Vimshathi. (1-10) slokas.

Unit-V **14 hours**
Avyayas, Tatpurusha, Karma dhaaraya samaasah.

Books Recommended

1. Paundrapuram Ashram, Srirangam -620 006. Gopalavimshathi, 2014
2. R.S. Vadhyar & Sons, book – Sellers and Publishers, Kalpathi, Palghat- 678 003, Kerala, Southe India, Shabdha Manjari, 2014
3. Kulapthy, K. M., Saral Sanskrit Balabodh, Bharathiya Vidya Bhavan, Munshimarg, Mumbai - 400007, 2014

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UGS210002	Title of the Paper Sanskrit-II										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	5	3	5	4	4	3	3	3	4	4	3	3.2	
CO2	4	3	4	4	4	3	3	3	3	4	3	3.0	
CO3	4	3	3	4	4	3	3	3	4	4	3	3.0	
CO4	4	3	3	4	3	3	3	4	4	4	3	3.0	
CO5	4	4	4	3	4	3	4	4	4	3	4	3.2	
CO6	5	4	4	4	4	3	3	3	4	4	3	3.2	
Mean Overall Score												3.1	

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: II
17UGE220102

Hours/Week: 5
Credits: 3

GENERAL ENGLISH-II

Course Outcome

- * Ask open-ended questions in real-life situations
- * Use polite expressions in appropriate ways
- * Use correct punctuation marks and capital letters
- * Use appropriate vocabulary
- * Put ideas into a cohesive paragraph
- * Develop positive self-esteem and thereby communicate effectively

Unit-I

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

Non-Detailed:

“Julius Caesar” from *Six Tales From Shakespeare*

Unit-II:

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:

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:

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 Sord Selection
43. Professional Qualities
44. Job Procedures
45. Preparing a Resume
46. Interview Questions
47. Job Cover Letter Format
49. E-mailing an Application
50. Mock Interview

Non-Detailed:

“King Lear” from *Six Tales From Shakespeare*

Unit-V:

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

Non-Detailed: “Macbeth” from *Six Tales From Shakespeare*

Textbook

1. Joy, J.L. & Peter, F.M. *Let's Communicate 2*, New Delhi: Trinity Press, 2014. Print.

Non-Detailed Text

1. Dodd, E F. *Six Tales From Shakespeare*. London: Macmillan, 1987. Print. (Last three tales)

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UGE120102	Title of the Paper General English-II												Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	4	4	4	4	5	4	4	3	3	3	4	4	3.9	
CO2	4	3	4	4	4	5	5	4	4	4	4	4	3	4.0	
CO3	4	3	4	4	4	3	3	4	4	3	3	4	4	3.6	
CO4	4	3	3	4	4	4	4	3	3	5	5	4	4	3.8	
CO5	4	3	4	4	4	4	4	3	3	4	4	5	5	3.9	
CO6	5	4	4	3	3	4	4	3	4	4	5	4	4	3.9	
Mean Overall Score														3.8	

Result: The Score for this Course is 3.8 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester II
17UEC230203

L P C
6 - 5

MICRO ECONOMICS-II

Course Outcome

- * To impart an understanding about the behaviour of the producer in different types of markets.
- * To study the pattern of resource allocation for the well being of the society.
- * To get to know the idea of how Products are priced.
- * To get to know the idea of when price discrimination is possible.
- * To make the students know how price and output are determined.
- * To understand the Concept of Factor Pricing.
- * To study the concept of Welfare Economics.
- * To get to know the different concepts of Social Welfare.

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 (20 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 (16 Hours)

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

Case study:

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

Textbook

1. Ahuja H.L., (2009) *Principles of Micro Economics*, S.Chand, New Delhi.
2. S.Sankaran - *Economic Analysis*, Margham Publications, Madras, 1991

Books for Reference

1. Stonier and Hague, *A Text Book of Economic Theory*, (1958), Long Mans Green & Co., London.
2. Seth, M. L. (1991) *Principles of Economics*, Lakshmi Narain Agarwal, Agra.
3. Samuelson Paul, A., *Price Theory*, McGraw-Hill School Education Group.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UEC230203	Title of the Paper Part-III: Micro Economics II												Hours 6	Credits 5
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	4	4	4	4	4	4	4	5	3.69	
CO2	3	2	3	4	3	5	3	3	3	5	5	5	4	3.69	
CO3	4	3	3	2	4	4	2	4	5	4	3	3	5	3.54	
CO4	3	4	3	2	3	3	4	5	4	3	4	4	3	3.46	
CO5	2	3	2	3	2	5	5	3	3	5	2	4	2	3.15	
CO6	3	4	3	2	4	3	3	4	2	4	4	4	4	3.38	
CO7	4	3	4	3	2	2	4	3	5	3	4	3	3	3.31	
CO8	3	4	4	3	4	3	3	4	4	2	4	2	3	3.31	
Mean Overall Score														3.44	

Result: The Score for this Course is 3.44 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester II
17UEC230204

L P C
5 - 4

INDIAN ECONOMIC DEVELOPMENT - II

Course Outcome

- * To give a basic knowledge of Natural Resources in India Economy
- * To know the current knowledge of Human Resources of India
- * To study the Human Development Index
- * To study the significance of Infrastructure in Indian Economy
- * To study the performance of various sectors in India
- * To analyse the impact of Globalization on Indian Economy

Unit-I: Natural Resources (15 Hours)

Natural Resources: Land - Water - Forest – Minerals – Fisheries – Polices of Indian Government.

Unit-II: Human Resources (15 Hours)

Demographic Features: Size and growth, rate of population - Sex Composition - Age Composition – Demographic Dividend - Density – Urbanization – Migration – Population Policy - Human Development Index.

Unit-III: Physical Infrastructure (15 Hours)

Infrastructure and economic development - Transport: Railways, Roads, Shipping and Airways –Energy - Power.

Unit-IV: Services Infrastructure (15 Hours)

Role of Service Sector in Economic Development – Banking – Insurance – Telecommunications – IT Industry – ITES- Education and Health – Health Tourism

Unit-V: Economic Reforms (15 Hours)

Public Sector: Role and Importance - Private Sector - Corporate Sector - Economic Reforms and New Economic Policy, 1991 - Liberalization, Privatization and Globalization – WTO- MNCs – Second Generation Reforms - Demonetisation.

Text Book

1. Ruddar Datt and K.P.M. Sundharam, *Indian Economy*, Sultan Chand, New Delhi, 2016.
2. Uma Kapila, *Indian Economy*, 9th Edition, ISBN:8171887902, Published by Academic Foundation, 2010.

Books for Reference

1. Ishwar.C.Dhingra, *The Indian Economy*, Twenty first edition, Sultan Chand, New Delhi, 2009.
2. Mishra & Puri, *Economics of Development and Planning*, Himalaya, Mumbai, 7th edition, 2005.
3. Meier, G.M, *Leading Issues in Economic Development*, OUP, New Delhi, 6th edition, 1995.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UEC230204		Title of the Paper Part-III: Indian Economic Development-II										Hours 5	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	4	3	4	3	2	5	4	3	5	5	3	3	4	3.692
CO2	3	2	3	1	2	4	4	3	4	4	4	3	5	3.231
CO3	3	3	2	2	1	4	4	4	4	3	3	4	5	3.231
CO4	3	4	3	2	3	4	4	3	4	3	3	4	4	3.385
CO5	4	3	3	3	2	3	4	3	5	5	4	3	5	3.615
CO6	3	2	3	2	3	4	5	3	5	5	4	4	5	3.692
Mean Overall Score														3.474

Result: The Score for this Course is 3.47 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester II
17UEC230402

L P C
6 - 5

Allied:

MATHEMATICAL METHODS FOR ECONOMICS - II

Course Outcome

- * To give students a solid foundation in both mathematics and economics, stressing those areas of mathematics and statistics that are most relevant to economics and the parts of economics that emphasize the use of mathematics and statistics.
- * To understand and to be competent with the following mathematical tool: matrices, determinants and inverse matrices, partial derivatives, unconstrained and constrained optimization of functions of several variables.
- * To equip students with analytical and organizational skills.
- * To help students to successfully use mathematics in economics and business applications.
- * To apply mathematical techniques to the study of economic models.
- * To formally represent economic relationships using mathematical forms & present several economic functions and their relations.
- * To represent economic models using matrix algebra and linear programming
- * To understand the basics of tools of econometrics and its application in economics.

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 of matrices - 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 Econometrics (18 Hours)

Definition - Econometrics and Mathematics - Econometrics and Statistics - Meaning of Linear Regression Model – Concepts of Economic Model, Mathematical Model, Econometric Model and Error Term - Concepts of Auto Correlation, Heteroscedasticity and Multicollinearity.

Text Book

1. Agarwal, C. S. and Joshi, R. C., *Mathematics for Economists*, The New Academic, Jalandhar, 1983.
2. Bose, D., *An introduction to Mathematical Economics*, Himalaya Publishing House, Mumbai, 2010.

Books for Reference

1. Singh Parasher Singh, *An Introduction to Econometrics*, Sterling, New Delhi, 1998.
2. Domodar N Gujarati, *Basic Econometrics*, Tata McGraw Hill Education, New Delhi, 2007.
3. Schaum's Outline of Introduction to Mathematical Economists, 3rd Edition, Edward Dowling, McGraw Hill Education, 2011

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UEC230402	Title of the Paper Part-III: Mathematical Methods in Economics II										Hours 6	Credits 5	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	3	4	3	5	4	4	4	3.54
CO2	3	2	3	5	3	5	4	3	4	3	5	4	3	3.62
CO3	4	3	3	2	5	3	4	3	3	2	4	4	3	3.31
CO4	3	4	3	2	3	4	4	5	2	4	3	4	4	3.46
CO5	2	5	2	4	4	2	3	4	5	3	2	5	4	3.46
CO6	3	4	3	2	4	4	4	2	4	3	3	2	5	3.31
CO7	4	3	4	3	2	3	3	5	4	4	4	3	5	3.62
CO8	3	4	4	3	4	3	4	4	4	3	3	4	3	3.54
Mean Overall Score														3.48

Result: The Score for this Course is 3.48 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester II
17UCE240802A

Hours/Week: 2
Credit: 2

COMPUTER LITERACY

Course Outcomes

1. Understand the basics of Computer Systems
2. Familiar with the applications of MS-Office / HTML & CSS
3. Know the statistical data analysis using R
4. Aware the latest trends and technologies such as Mobile Computing, Big Data and Analytics, Cloud Computing.
5. Understand the concepts of social networking sites.
6. Knowledge in Cyber Crime and Cyber Ethics.

Unit-I: Computer System

Computer - An Introduction - Hardware Components - Input and Output Technologies - Computer Hierarchy- Software Fundamentals - Systems Software and Os- Application Software- Software Licensing - Open Systems- Open Source Software- Programming Languages- Information Systems- General It Trends.

Unit-II: (For Non-CS)

Microsoft Word: Introduction - Word Environment - Opening and Creating a New Document - Saving Documents - Proofing Features - Printing a Document - Formatting Text - Working with Shapes and Lists - Line and Paragraph Spacing- Working with Tables - Columns and Ordering- Working with Pictures- Working with Headers and Footers - Using Indents and Tabs - Using Mail Merge.

Microsoft Excel: Introduction - Document Creation - Renaming a worksheet - Office user interface - Open a New Workbook - Columns, Rows, and Cells - Selecting a cell - Basic data entry, fill handle - Insert columns - Arithmetic Calculations & Formulas - Excel Formulas- Calculate with Functions - Function Library - Graphs and Charts - Printing the Document.

Microsoft Powerpoint: Starting PowerPoint - Working with Slides - Applying Theme - Animation- Transitions – Views.

Unit-II: (For CS)

HTML: Introduction - HTML generations – HTML Tags – Headings – Paragraphs – Comments – Line Breaks – Formatting Tags – Hyperlinks – Images – Lists – Tables – Frames – Forms.

CSS: Introduction – Use of External Style Sheet – Defining Styles – Use Relative Sizing – Use Numbered Value for Color.

Unit-III: Statistical Data Analysis

Introduction - R Programming Language - Basic R Commands - Univariate and Bivariate Statistical Measures - Graphic Representation of Statistical Data - Lab Exercise.

Unit-IV: SMAC

Introduction - Understanding the Enterprise of Tomorrow - Social Networking - Mobile Computing - Big Data and Analytics - Cloud Computing

Unit-V: Cyber Crime

Definition - List of Cyber Crimes - Cyber Ethics- Unethical Behaviour - Securing information privacy and confidentiality - Internet Ethics - Indian Information Technology Act - Advantages of Cyber Laws - National e-Governance Plan (NeGP) - eCommerce - Electronic Fund Transfer (EFT)

Book for Study

1. Department of Foundation Course, “Computer Literacy”, St. Joseph’s College, 2017.

Books for Reference

1. Alexis Leon, “Introduction to computers”, Vikas Publishing House Pvt. Ltd., New Delhi, 2008.
2. Alexis Leon and Mathew Leon, “Introduction to computers with Ms Office 2000”, Tata McGraw Hill Publishing Co. Ltd., New Delhi, 2005.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UCE240802A	Title of the Paper COMPUTER LITERACY												Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	5	4	4	5	5	4	3	4	3	4	4	4	4.15	
CO2	5	5	4	4	4	4	4	4	4	3	4	4	4	4.08	
CO3	4	3	3	4	4	4	4	4	4	3	4	4	4	3.77	
CO4	5	5	4	4	4	5	4	4	4	3	4	4	4	4.15	
CO5	4	4	3	4	4	4	4	4	4	3	4	4	4	4.15	
CO6	5	5	5	4	4	5	4	4	4	4	4	4	4	4.31	
Mean Overall Score														4.10	

Result: The Score for this Course is 4.1 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester II
17UFC241002

Hours/Week: 2
Credits: 2

FUNDAMENTALS OF HUMAN RIGHTS

Course Outcome

1. To ensure acquiring the knowledge about the historical background of human rights.
2. To ensure sensitizing the young the values of human rights.
3. To ensure the importance of human rights in the Indian context.
4. To ensure learning the fundamental duties in the constitution of India.
5. To ensure educating the youth in respecting and protecting the rights of every other human being.
6. To ensure teaching the youth on the vulnerabilities of women and children.

Unit-I

Introduction, Classification of Human Rights, Scope of Human Rights, Characteristics of Human Rights, and Challenges for Human Rights in the 21st Century.

Unit-II

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

Introduction, Classification of Fundamental Rights, Salient Features of Fundamental Rights, and Fundamental Duties

Unit-IV

Women's Human Rights, Issues related to women's rights, and Rights of Women's and Children

Unit-V

Human Rights Violations, Human Rights Violations in India - the Human Rights Watch Report, January 2012, Human Rights Organizations.

Text Book:

1. **Techniques of social Analysis: Fundamentals of Human Rights**, Department of Foundation course, St. Joseph's College, Tiruchirappalli, 2015.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester II	Course Code 17UFC241002	Title of the Paper FUNDAMENTALS OF HUMAN RIGHTS														Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8				
CO1	5	1	5	5	2	4	4	4	5	4	4	5	5	4.2			
CO2	4	1	5	4	2	4	4	4	4	5	5	5	5	4.0			
CO3	5	1	5	5	2	5	5	4	4	4	5	5	5	4.2			
CO4	4	1	5	5	2	2	4	3	5	5	4	4	5	3.8			
CO5	5	1	5	4	1	5	5	5	5	5	4	4	4	4.1			
CO6	3	1	5	4	1	4	3	5	5	3	4	4	5	3.6			
Mean Overall Score														3.9			

Result: The Score for this Course is 3.9 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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பருவம்: 3
17UGT310003

மணி நேரம்: 4
புள்ளிகள்: 3

பொதுத்தமிழ்-III

பாடத்தின் விளைவு

- செம்மொழியாம் தமிழ் மொழியின் சிறப்பை அறிதல்.
- பண்டை இலக்கியங்கள் உணர்த்தும் அறக்கருத்துகளை அறிதல்
- புதினம் வாயிலாகத் தற்காலச் சமுதாயச் சிக்கல்களையும், அதற்கான தீர்வுகளையும் ஆராயும் திறன் பெறுதல்
- மானுட வாழ்வில் அகம், புறம் பற்றிய பாகுபாட்டை தமிழ்ச்செய்யுள் வாயிலாக அறிதல்.
- தமிழர்களின் ஈகையும் வீரமும் எடுத்துரைக்கும் புறச்செய்திகளை அறிதல்
- நீதிநூல்கள் மனித வாழ்வை செம்மைப்படுத்தும் பாங்கினை உணர்த்துதல்.

அலகு: 1 (12 மணி நேரம்)
நெடுநல்வாடை (முழுமையும்)

அலகு: 2 (12 மணி நேரம்)
குறுந்தொகை - பாடல்கள் - (32, 323, 305, 290, 168)
யாப்பிலக்கணம் (வெண்பா, ஆசிரியப்பா)

அலகு: 3 (12 மணி நேரம்)
கலித்தொகை - பாடல்கள் - (குறிஞ்சிக்கலி-15, பாலைக்கலி-9, மருதக்கலி-15, நெய்தற்கலி-22, முல்லைக்கலி-07)
இலக்கிய வரலாறு - முதற்பாகம் ('தமிழ் மொழியின் தொன்மையும் சிறப்பும்' முதல் 'சங்க தொகை நூல்கள்' முடிய) புதினம்.

அலகு: 4 (12 மணி நேரம்)
பதிற்றுப்பத்து - பாடல்கள் (12, 24,)
புறநானூறு - பாடல்கள் (46, 86, 122, 214, 246)
அணியிலக்கணம்

அலகு: 5 (12 மணி நேரம்)
திருக்குறள் - ஈகை, ஆள்வினை உடைமை, நிறை அழிதல் ஆகிய அதிகாரங்கள்
நாலடியார் - இளமை நிலையாமை(11), பிறன்மனை நயவாமை(82), பெருமை(185), அறிவின்மை(254), காமநுதலியல்.(391).
இலக்கிய வரலாறு - சங்க இலக்கியங்களின் தனித்தன்மைகள் முதல் இரட்டைக் காப்பியங்கள் முடிய

பாடநூல்கள்:

- செய்யுள் திரட்டு, தமிழாய்வுத் துறை வெளியீடு (2017-2020).
- சமூகவியல் நோக்கில் தமிழிலக்கிய வரலாறு, தமிழாய்வுத்துறை வெளியீடு, 2014.
- புதினம் (ஒவ்வொரு கல்வியாண்டும் ஒவ்வொரு புதினம்).
காணாமல் போன கவிதை (2017-18).

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UGT310003	Title of the Paper பொதுத்தமிழ்-III													Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
CO1	5	5	5	4	5	5	5	4	5	5	4	4	5	4.6		
CO2	5	5	4	3	4	5	4	5	5	5	4	4	5	4.4		
CO3	5	5	5	3	4	5	5	5	5	5	4	3	5	4.5		
CO4	5	5	5	5	4	5	5	5	5	5	4	5	5	4.8		
CO5	5	4	4	4	4	5	5	5	5	5	3	3	5	4.3		
CO6	5	5	5	3	4	5	5	5	5	5	4	3	5	4.5		
Mean Overall Score														4.5		

Result: The Score for this Course is 4.5 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$		Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$	
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Semestre: III
17UGH310003

Hours/Week: 4
Credits: 3

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * the ability to enable the students to complete the pre-reading task to comprehend the local and global issues in the lessons.
- * the ability to enable the students to complete the post-reading task centering on Grammar and Skill Development.
- * the relevance of Bhakthi Movement in Hindi Literature.
- * the ability to imagine and write poems.
- * the ability to quote poetry in Speeches.
- * the ability to write friendly and formal letters.

Unit-I **8 hours**

Tera Sneh Na Kho oon, Kavi Parichaya, Patra Likne ke Kaaran, Patra Kee Avashyakatha, Sandhi keeye, Vighra Keejiye

Unit-II **12 hours**

Ek boondh, Tera Sneh Na Kho oon kavitha kee manovygnaik stiti, Chutti Patra, Sandhi

Unit-III **12 hours**

Ekloondh Kavitha Ka Uddeshya, Kabir Ke Dohe, Nagar Palika ko Patra, Samas

Unit-IV **14 hours**

Vimal Indu Kee Vishal Kiranen, Rahim Ke Dohe, Naukari Keliye Avedan Patra, Upasarga

Unit-V **14 hours**

Thulasi ke Dohe, Kitab Maangne Keliye Patra, Pratyaya, Kaviparichaya

Books Recommended

1. Dakshina Bharath Hindi Prachara Sabha, Thiagaraya Nagar, Subodh Hindi, Paatamala-3, Chennai-600 017, Hindi, 2016.
2. DBHP Sabha, T.Nagar, Chennai-600 017, Abihav Patralekhan, 2016
3. Ram Dev, Vyakaran Pradeep, Hindi Bhavan, 63 Tagore Nagar, Alahabad 2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UGH310003	Title of the Paper Hindi-III										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	4	4	4	3	4	3	3	3	4	4	4	3.6	
CO2	3	3	2	3	2	3	3	3	5	3	5	3.0	
CO3	3	3	3	3	4	3	3	4	3	3	3	3.2	
CO4	3	2	2	3	3	3	3	3	3	3	4	2.9	
CO5	3	3	3	3	3	3	4	3	3	3	4	3.2	
CO6	4	4	4	4	3	3	3	3	3	3	3	3.3	
Mean Overall Score												3.2	

Result: The Score for this Course is 3.2 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$		Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$	
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Semestre: III
17UGF310003

Heures /Semaine: 4
Credits : 3

FRANÇAIS-III

Course Outcomes

- * Comparer la culture de l'Inde et de la France
- * Familiariser l'étudiant avec le vocabulaire, la grammaire et les conversations
- * Connaître des journaux, des courriels, des lettres
- * Parler des projets de vacances
- * Exprimer l'étonnement
- * Parler de ses projets d'avenir, exprimer l'opposition.

Unit-I: Un entretien et Au restaurant (10 heures)

Demander des informations personnelles à quelqu'un, donner des informations, répondre à une proposition. Réserver une table, demander la carte, commander, apprécier les plats, demander l'addition.

Grammaire: Imparfait, Imparfait et passé composé, expression du temps, expression de la conséquence. Le futur, présent des verbes peser, rejoindre, le passé récent, le présent progressif, le futur proche, Restriction-ne...que, moi aussi...

Unit-II : Enfin les vacances ! et Un autre institut (10 heures)

Raconter son emploi du temps quotidien, parler des projets de vacances, exprimer l'étonnement. Rassurer/consoler, s'indigner

Grammaire: Verbes pronominaux, pronom y, quelqu'un/ne...personne, quelque chose/ne...rien, ne...jamais, Déjà/ne...pas encore, chacun, adjectifs indéfinis. Pronoms relatifs, impératif, indicateurs de temps : de...à, à partir de...jusqu'à, depuis, pendant.

Unit-III : Un Indien célèbre visite la France et Qui dépense plus? (10 heures)

Demander des informations sur quelqu'un, demander une opinion, donner son opinion. Dire à quelqu'un d'être prudent, faire des reproches à quelqu'un, se justifier.

Grammaire: Pronoms relatifs composés, pronoms compléments d'objet directs et indirectes, opposition savoir/Connaitre, connecteurs chronologiques, nombre ordinaux. Le comparatif, c'est+ nom+ qui, il reste, encore, il y a, souvent.

Unit-IV: Penser à son avenir - (15 heures)

Parler de ses projets d'avenir, exprimer l'opposition.

Grammaire : Style direct/indirect, proposition introduite par que, mots d'enchaînement – donc, pourtant.

Unit-V: L'astrologie (15 heures)

Exprimer des conditions, dire quelque chose n'a pas d'importance, proposer quelque chose.

Grammaire: Le conditionnel – la condition.

Manuel:

1. K.Madanagobalane, **Synchronie-II**, Samhitâ Publication, 2011.

Livre de référence :

1. Annie Berthet /B_atrix Sampsonis/ Catherine Hugot /V_ronnique M Kizirian / Monique Waendendries, **Alter Ego A1**, Hachette, 2006.
2. Yves Loiseau/R_gineM_rieux, Connexions 1, Didier, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UGF310003	Title of the Paper French-III										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	4	4	2	3	4	4	2	3	3	2	2	3.0	
CO2	3	3	3	3	4	4	2	3	4	2	3	3.1	
CO3	3	2	3	2	4	3	4	3	3	3	3	3.0	
CO4	3	3	4	3	4	2	3	3	3	4	4	3.3	
CO5	3	3	4	3	4	2	3	3	4	4	4	3.4	
CO6	3	4	3	3	3	3	3	3	4	4	4	3.4	
Mean Overall Score												3.2	

Result: The Score for this Course is 3.2 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: III
17UGS310001

Hours/Week: 4
Credits : 3

SANSKRIT-III

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * Knowledge and understanding of essential Sanskrit vocabulary in a given topic
- * Knowledge and understanding of the appropriateness of basic Sanskrit structures in Slokas
- * Knowledge of the basic Sanskrit poetry.
- * An idea on Epics and Puranas.
- * The usage of – Upasargas.
- * The familiarization the history of Sanskrit literature Vedas – Puranas and Natakas.

Unit-I **8 hours**

Romodantam. Balakandam. 1-15

Unit-II **12 hours**

Romodantam. Balakandam. 15-30

Unit-III **12 hours**

Vedas – Vedangas. vivaranam.

Unit-IV **14 hours**

Puranas. Upanishads.

Unit-V **14 hours**

Upasargas. Bhavishyat Kaalah

Books recommended:

1. Parameshwara, Ramodantam, LIFCO, Chennai, 2015.
2. R.S. Vadhyar & Sons, Book-Sellers and Publishers, Kalpathi, Palghat-678003, Kerala, South India, History of Sanskrit Literature, 2015.
3. Kulapathy, K.M., Saral Sanskrit Balabodh, Bharathiya Vidya Bhavan, Munshimarg, Mumbai-400 007, 2015.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UGS31003	Title of the Paper Sanskrit-III					Hours 4	Credits 3				
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	Mean Score of COs
	CO1	5	3	5	4	4	3	3	3	3	4	3.1
	CO2	4	3	4	4	4	4	3	3	4	4	3.1
	CO3	4	3	3	4	4	4	4	3	3	4	3.1
	CO4	4	3	3	4	3	4	4	3	4	4	3.1
	CO5	4	4	4	3	4	3	3	4	3	4	3.1
	CO6	5	4	4	4	4	3	3	3	4	3	3.1
Mean Overall Score												3.1

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: III
17UGE320103

Hours/Week: 5
Credits: 3

GENERAL ENGLISH-III

Course Outcome

- * Comprehend the local and global issues through the lessons
- * Do the tasks centering on skill development and enhance their Grammar Using and Writing Skills
- * Use interactive skills
- * Train and develop the Listening and Reading Skills of the learners through teacher-led reading practice
- * Enhance their Listening, Reading, Speaking, and Writing Skills
- * Develop their Creative and Critical Thinking and Speaking Skills

Unit-I: *Suggestions to Develop Your Reading Habit

- 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
- 1.9 **Non-Detailed Text:** Dickens, Charles. *Hard Times*.

Unit-II: *The Secret of Success: An Anecdote

- 2.0 Introduction
- 2.1 Objectives
- 2.2 Listening and Reading Skills through Teacher-led Reading Practice
- 2.3 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
- 2.9 **Non-Detailed Text:** Dickens, Charles. *Hard Times*.

Unit-III: *The Impact of Liquor Consumption on the Society

- 3.0 Introduction
- 3.1 Objectives
- 3.2 Listening and Reading Skills through Teacher-led Reading Practice
- 3.3 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
- 3.9 **Non-Detailed Text:** Dickens, Charles. *Hard Times*.

Unit-IV: * Dr. A.P.J. Abdul Kalam: A Short Biography

- 4.0 Introduction
- 4.1 Objectives
- 4.2 Listening and Reading Skills through Teacher-led Reading Practice
- 4.3 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
- 4.9 **Non-Detailed Text:** Dickens, Charles. *Hard Times*.

Unit-V: *Golden Rule: A Poem

- 5.0 Introduction
- 5.1 Objectives
- 5.2 Listening and Reading Skills through Teacher-led Reading Practice
- 5.3 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
- 5.9 **Non-Detailed Text: Dickens, Charles. *Hard Times*.**

Unit-VI: *Hygiene

- 6.0 Introduction
- 6.1 Objectives
- 6.2 Listening and Reading Skills through Teacher-led Reading Practice
- 6.3 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
- 6.9 **Non-Detailed Text: Dickens, Charles. *Hard Times*.**

Textbook

1. Jayraj, S. Joseph Arul et al. *Trend-Setter: An Interactive General English Textbook for Under Graduate Students*. New Delhi: Trinity, 2016. Print.

Non-Detailed Text:

1. Dickens, Charles. *Hard Times*. Wordsworth: Printing Press, 1854. Print.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UGE320103	Title of the Paper General English-III												Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	5	5	5	4	5	5	5	5	5	5	5	4	4.84	
CO2	5	5	5	5	5	5	5	5	5	5	5	5	4	4.92	
CO3	5	5	5	5	5	5	5	5	5	5	5	5	4	4.92	
CO4	5	5	5	5	4	5	5	5	5	5	5	5	4	4.84	
CO5	5	5	5	5	4	5	5	5	5	5	5	5	4	4.84	
CO6	5	5	5	5	4	5	5	5	5	5	5	5	4	4.84	
Mean Overall Score															4.86

Result: The Score for this Course is 4.86 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester III
17UEC330205**

**L P C
6 - 4**

MACRO ECONOMICS-I

Course Outcome

- * To understand significance of Macro Economics
- * To analyse the importance of National Income of the country
- * To know the concepts of unemployment and employment of states
- * To know the various theories of Classical and Keynesian school of thought
- * To understand the psychology of consumers with respecting the consumption pattern
- * To study the various types of Investment and their prospective yield

Unit-I: Introduction to Macro Economics and National Income (15 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 (15 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 (15 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 (15 Hours)

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

Unit-V: Multiplier and Accelerator (15 Hours)

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

Text Book

1. Jhingan M. L., Macro Economic Theory, 11th Revised Edition, ISBN -18-87125-45-4, Vrinda Publication (P) Ltd, New Delhi, 2011.
2. Gupta. R.D, Keynesian and Post Keynesian Economy, Milestone, New Delhi, 1983.

Books for Reference

1. Seth, M.L, Macro Economics, 28th Revised Edition 2010-11, Lakshmi Narain Agarwal, Agra.
2. Edward Shapiro, Macro Economic Analysis, Galgotia, 12th edition, 2012, New Delhi.
3. Maria john Kennedy, Macro Economic Theory, PHI learning PVT, limited, New Delhi, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UEC330205	Title of the Paper Part-III: Macro Economics I												Hours 6	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	4	4	2	3	3	3	4	2	3	3.15	
CO2	2	4	5	3	3	5	3	2	4	4	3	2	5	3.46	
CO3	3	5	3	2	5	3	4	3	3	4	1	3	4	3.31	
CO4	3	3	2	3	3	5	4	4	2	3	3	3	3	3.15	
CO5	5	4	3	2	3	3	4	5	3	5	3	5	4	3.77	
CO6	3	3	2	3	3	5	4	5	3	2	5	4	5	3.62	
Mean Overall Score														3.41	

Result: The Score for this Course is 3.41 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester III
17UEC330206

L P C
5 - 3

URBANECONOMICS

Course Outcome

- * The objectives of this course are for students to gain an economic understanding of: why cities exist, – why firms within and across industries cluster, – why cities grow or decline, – how prices for land are determined, – how local governments provide public goods, and – why some social ills are concentrated in cities.
- * Helps students to use the tools of microeconomics to explain a variety of urban economic phenomena.
- * This course is also useful to students who wish to learn the economic approach to analyzing urban development.
- * Equips students with an understanding of location theory as applied to households and firms and develops an understanding of the structure of urban areas, urban form, and how prices of land and housing are determined in an urban area.
- * Encourages students to integrate the learning in urban economics into service for the community

Unit-I: Urban Systems (15 Hours)

Structure of Human settlement - Spatial economic organization - Urban system - Functional dependencies between human settlements of different sizes.

Unit-II: Economics of Location (15 Hours)

Economics of city size - Agglomeration Economics – Migration - Economics of location - City size distribution – Satellite Town - Smart City.

Unit-III: Urban Infrastructure (15 Hours)

Urban infrastructure - Land use pattern – Land Market - Urban housing - Slum renewal and up gradation – Urban crimes.

Unit-IV: Urban Planning (15 Hours)

Urban planning – Transport - MRTS - Metro Industrial Complex - Energy use – Water Supply and Drainage – Solid Waste Management System.

Unit-V: Urban Finance (15 Hours)

Urban Finance- sources of urban finance- Different Methods - Federal Finance --Local Public Finance - Municipal Administration - Private Sector Participation – PPP model.

Textbook

1. Arthur.O’Sullivan, *Urban Economics*, McGrawHill Education group, UK, 7th edition, 2008.

Books for Reference

1. Diamon, Tolley, *The Economics of Urban Amenities*, Academic Press, New York, 1982.
2. Richardson, *Urban Economics*, Penguin, Harmondsworth, 1971.
3. Sivarmakrishnan, *The Economic Development & Green Metropolitan Management*, Institute of the World Bank, OUP, 1986.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UEC330206	Title of the Paper Part-III: Urban Economics												Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	4	4	2	4	4	4	4	5	5	2	3	5	3.77	
CO2	4	3	2	4	3	4	3	4	4	2	2	3	3	3.15	
CO3	3	1	4	3	4	4	4	4	4	4	1	2	4	3.23	
CO4	2	3	4	2	3	3	3	3	5	3	1	1	4	2.85	
CO5	4	2	3	4	3	4	4	4	5	2	2	1	3	3.15	
CO6	2	3	2	3	4	4	4	4	4	4	3	2	2	3.15	
Mean Overall Score														3.21	

Result: The Score for this Course is 3.21 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester III
17UEC330403**

**L P C
6 - 5**

**Allied:
STATISTICS FOR ECONOMICS-I**

Course Outcome

- * To acquaint students with various statistical methods and their applications in different fields
- * To introduce the fundamentals of statistics and various types of data
- * To develop the skills for sampling and sampling techniques used to collect survey data
- * To know the general rules of classification and tabulation
- * To perform graphical and diagrammatic representation of statistical data like bar diagram, pie, histogram and line diagram
- * To inculcate the knowledge to measure the Central tendency, like mean, median and mode
- * To understand the theory behind the descriptive statistics, like measures of central tendency, Measures of dispersion, Co- efficient of variation and Variance
- * To prepare students for future courses having quantitative components

Unit-I: Importance of Statistics (15 Hours)

Meaning, Functions and Limitations of Statistics - Statistics and Economics - Primary and Secondary data - Methods of collecting Primary Data - Drafting the Questionnaire – Pilot Survey - Pre-testing the Questionnaire - Sources of Secondary data - Precautions in the use of Secondary Data.

Unit-II: Sampling and Sampling Design (15 Hours)

Census and Sample Method – Merits and Demerits of Census and Sampling - Principles of Sampling - Essentials of Sampling - Methods of Selecting Sample - -Sampling and Non- Sampling Errors - Central Limit Theorem.

Unit-III: Classification, Tabulation and Diagrams (15 Hours)

Meaning and objectives of classification - Types of classification -- Parts of Table - General rules of Tabulation - Types of Tables - -Diagrammatic and Graphic representation - Types of Diagrams - Graphs of Frequency distribution - Histograms - Frequency Polygon - Ogives.

Unit-IV: Measures of Central Tendency (15 Hours)

Objectives of Averaging - Requisites of a Good Average - Arithmetic Mean - Weighted Mean - Median – Mode - Quartiles - Deciles - Percentiles -- Limitations of Averages.

Unit-V: Measures of Variation**(15 Hours)**

Meaning - Significance - Range - Quartile Deviation - Mean Deviation - Standard Deviation -Coefficient of Variation – Variance - Absolute Measures of Variation – Relative measures of variation - Lorenz Curve.

Text Book

1. Gupta S.P *Statistical Methods*. New Delhi: Sultan Chand, 2001.

Books for Reference

1. Gupta S.P. *Elementary Statistical Methods*. New Delhi: Vikas, New Delhi 2009.
2. Pillai,R.S.N.& Bagavathi. V, *Statistics Theory and Practice*, S.Chand , New Delhi, 2000.
3. Croxton,F.E., Cowden,D.J., and Klein.S, *Applied General Statistics*, Prentice-Hall, New York, 1939.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UEC330403	Title of the Paper Part-III: Statistics for Economics-I													Hours 6	Credits 5
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
CO1	3	3	4	3	2	4	2	2	3	3	4	3	4	3.08		
CO2	3	2	3	3	3	3	4	3	3	3	4	3	4	3.15		
CO3	4	3	3	2	4	5	3	5	4	3	4	2	1	3.31		
CO4	3	4	3	2	4	4	1	4	1	3	3	1	2	2.69		
CO5	3	4	4	4	3	3	2	1	2	4	4	4	3	3.15		
CO6	3	4	3	2	4	2	3	3	5	4	3	4	4	3.38		
CO7	4	3	4	3	2	1	4	4	3	2	4	4	4	3.23		
CO8	3	4	4	3	4	4	5	2	4	2	1	4	5	3.46		
Mean Overall Score															3.18	

Result: The Score for this Course is 3.18 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester III
17UFC340901

Hours/Week: 2
Credits: 2

ENVIRONMENTAL STUDIES

Course Outcome

1. To ensure understanding the significance of environment in which we live.
2. To ensure imparting knowledge on the recent issues associated with environment.
3. To ensure educating the youth the causes and consequences of various types of pollutions.
4. To ensure sensitizing the youth the increasing threats to nature and the misery mankind faces.
5. To ensure the limitations of the available natural resources and the need to sustain them.
6. To ensure imparting the knowledge on the concept of biodiversity and its advantages.

Unit-I: Environmental Studies

Environment - Scope and Importance - Environmental Movements in India - Eco-feminism - Public Awareness.

Unit-II: Natural Resources

Food Resources - L and Resources - Forest Resources - Mineral Resources - Water Resources - Energy Resources

Unit-III: Ecosystems, Biodiversity and Conservation

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

Unit-IV: Environmental Pollution

Air pollution - Water pollution - Oil pollution - Soil pollution - Marine pollution - Noise pollution - Thermal pollution – Radiation pollution

Unit-V: Environment, Human Population & Social Issues

Human population growth - Urgent steps required for sustainable development - Conserving water - Current Environmental Issues

Text Book:

1. **Environmental studies**, Department of Foundation course, St. Joseph's College, Tiruchirappalli-2, 2015.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester III	Course Code 17UFC340901	Title of the Paper ENVIRONMENTAL STUDIES														Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8				
CO1	5	5	5	5	3	5	4	4	4	5	3	4	3	4.0			
CO2	5	4	5	5	4	4	5	5	5	4	4	4	4	4.5			
CO3	5	4	5	5	3	5	4	4	5	3	3	4	2	4.0			
CO4	5	4	4	4	4	4	4	5	4	5	4	4	3	4.2			
CO5	5	5	4	5	4	3	5	5	4	4	5	3	4	4.3			
CO6	5	5	4	4	3	4	4	3	3	4	3	2	4	3.7			
Mean Overall Score														4.1			

Result: The Score for this Course is 4.1 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UFC441004A

Hours/Week: 2
Credits: 2

FORMATION OF YOUTH-II

Course Outcome

1. To ensure preparing the students to live in harmony with nature.
2. To ensure the youth the significance of public health and the related issues.
3. To ensure sensitizing the youth about addictions and their consequences.
4. To ensure educating the youth on disaster management and First-Aid.
5. To ensure enlightening on the developmental issues and challenges of youth today.
6. To ensure the value of counselling for attaining positive mental health.

Unit-I: Harmony with Nature

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

Unit-II: Public Health

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-III: Disaster Management and First-Aid

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-IV: Issues Dealing with Science

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, Harnessing the forces of science and technology for the future

Unit-V: Counselling for the Adolescents

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.

Text Book:

1. **Formation of Youth**, Department of Foundation course, St. Joseph's College, Tiruchirappalli-2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UFC441004A	Title of the Paper FORMATION OF YOUTH-II										Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	4	4	5	4	5	5	3	4	5	5	4	5	4
CO2	4	4	4	4	4	5	4	3	4	4	4	5	5
CO3	5	3	5	4	5	4	4	3	4	4	4	5	5
CO4	3	4	5	4	4	5	4	4	4	4	4	3	4
CO5	2	4	4	4	5	5	4	4	5	5	5	4	5
CO6	4	3	4	4	5	3	4	5	5	4	5	5	4
Mean Overall Score											4.2		

Result: The Score for this Course is 4.2 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester IV
17UFC441004B**

**Hours/Week: 2
Credits: 2**

RELIGIOUS DOCTRINE-II

Course Outcome

1. To ensure appreciation of the harmony of religion.
2. To ensure training the youth in the power of prayer.
3. To ensure the understanding of Mary's role in salvation history and Marian Dogmas.
4. To ensure enlightening the graces and invisible effects of the sacraments.
5. To ensure the youth with the promise that God forgives failings on repentance.
6. To ensure understanding the concept of salvation and the promise of eternal life.

Unit: I Harmony of Religions

Introduction - Religions of India - Buddhism - Jainism - Sikhism - Judaism - Confucianism - Christianity - Zoroastrianism - Islam

Unit: II The Christian Prayer

Prayer Defined - Reasons to pray - The Way to Pray - Types of Prayer - Obstacles for Prayer - Prayer in Old - The Lord's Prayer

Unit: III Mary, the Blessed Virgin, Mother of God

Introduction - Marian Dogmas - Mary in need of Redemption - Mary in the New Testament - Apparitions of Mary - Devotion to Mary

Unit: IV Sacraments of Initiation

Introduction - An Overview - Baptism - Confirmation - Holy Eucharist

Unit: V Sacraments of Healing & at the Service of the Community

Reconciliation - Anointing of the Sick - Holy Orders – Matrimony

Text Book:

1. **Life in the Lord**, Department of Foundation course, St. Joseph's College, Tiruchirappalli-2, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UFC441004B	Title of the Paper RELIGIOUS DOCTRINE-II										Hours 2	Credits 2	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9
CO2	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9
CO3	4	3	4	4	3	4	4	5	4	4	5	5	5	4.2
CO4	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9
CO5	4	1	4	3	3	4	4	4	5	4	4	4	5	3.8
CO6	4	1	4	3	3	5	5	5	5	4	5	4	4	4.0
Mean Overall Score														3.9

Result: The Score for this Course is 3.9 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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பருவம்: 4
17UGT410004

மணி நேரம்: 4
புள்ளிகள்: 3

பொதுத்தமிழ்-IV

பாடத்தின் விளைவு

- நாடகத்தின் போக்குகள், உத்திகள், பாத்திரப்படைப்பு, உரையாடல் முறை, கற்பனைத்திறம் போன்றவற்றை அறிந்துகொள்ளுதல்.
- புதிய நாடகங்களைப் படைக்கும் திறனைப் பெறுதல்.
- நாடகங்களை நடிக்கும் திறன் பெறுதல்
- கிரேக்க, ஆங்கில நாடகங்களை அடியொற்றி தமிழ்நாடகம் தோன்றிய வரலாறு அறியச் செய்தல்.
- சங்ககாலம் தொட்டு இக்காலம் வரை காதல் பற்றிய உணர்வுகளை எடுத்துரைத்தல்.
- தமிழ் வரலாற்றின் மன்னர்களின் ஆட்சியின் சிறப்புகளையும் வீழ்ச்சிகளையும் எடுத்துக்காட்டுதல்.

அலகு-1 (12 மணி நேரம்)

மனோன்மனியம், பாயிரம், அங்கம் - 1, களம் 1 - 5 வரை.

அலகு-2 (12 மணி நேரம்)

மனோன்மனியம், அங்கம் - 2, களம் 1 - 3 வரை.

இலக்கிய வரலாறு நான்காம் பாகம் - தமிழும் பிற துறைகளும் பக்கம் (365-387).

அலகு-3 (12 மணி நேரம்)

மனோன்மனியம், அங்கம் - 3, களம் 1 - 4 வரை.

உரைநடை நாடகம் (கௌதம புத்தர்)

அலகு-4 (12 மணி நேரம்)

மனோன்மனியம், அங்கம் - 4, களம் 1 - 5 வரை.

இலக்கிய வரலாறு நான்காம் பாகம் - சமயத்தவரின் தமிழ்ப்பணி (பக்கம் 391-402)

அலகு-5 (12 மணி நேரம்)

மனோன்மனியம், அங்கம் - 5, களம் 1 - 3 வரை.

இலக்கிய வரலாறு நான்காம் பாகம் - வெளிநாடுகள் தந்த தமிழ் இலக்கியம் (பக்கம் 410-435)

பாடநூல்கள் :

1. சுந்தரனார், மனோன்மனியம், தமிழாய்வுத்துறை (பதிப்பு), தூய வளனார் கல்லூரி, திருச்சிராப்பள்ளி-2. (அங்கம் : 3 களம் : 4 நீங்கலாக)
2. பாலசுப்பிரமணியம். கு.வெ, கௌதம புத்தர், அய்யா நிலையம், தஞ்சாவூர்
3. சமூகவியல் நோக்கில் தமிழிலக்கிய வரலாறு, தமிழாய்வுத்துறை வெளியீடு, 2014.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UGT410004	Title of the Paper செர்துத்தி-IV												Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	3	4	5	5	5	5	5	4	4	5	5	5	4.5	
CO2	5	4	3	5	4	5	5	4	4	3	4	5	5	4.3	
CO3	4	3	3	5	4	3	3	4	3	3	4	5	5	3.7	
CO4	5	5	4	5	5	5	5	5	5	4	5	5	5	4.8	
CO5	3	4	4	5	5	4	4	4	5	4	4	4	4	4.1	
CO6	4	3	4	5	5	4	3	3	4	3	2	2	3	3.4	
Mean Overall Score														4.1	

Result: The Score for this Course is 4.1 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scoring:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semestre: IV
17UGH410004**

**Hours/Week: 4
Credits: 3**

HINDI-IV

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * the ability to empower the students with globally employable soft skills
- * the ability to translate Hindi passages to English
- * the ideas on human values
- * the ability to instruct the moral values given by the Bhakthi Saints
- * the knowledge of Indian festivals .
- * the knowledge of culture and tradition

Unit-I 8 hours

Vidyarthi, Banking Shabda, Anuvad, Anuvad Lesson – 1, Adhikal, Premchand

Unit-II 12 hours

Pusthakalaya, Nemikaryalaya Tippiyaniyan, Anuvadak, Anuvad lesson-2, Bakthikal-Gyan Marg, Mahadevivarma

Unit-III 12 hours

Thyohar, Anuvad Ke Gun, Anuvad lesson – 3, Bakthi, Tippiyaniyan, Prem Marg, Pant

Unit-IV 14 hours

Yugpuresh Gandhi, Anuvadak Ke Gun, Anuvad Lesson – 4 Bakthikal, Bakthikal – Ram Bakthi Kal - Krishna Bakthi, Dinkar

Unit-V 14 hours

Braman, Anuvad ek kala, Swarnayug Bakthikal, Anuvad Lesson - 5, Reetikal, Chayavad

Books Recommended

1. Kendriya Sachivalaya, Hindi Parishad New Delhi, Karyalaya Sahayika, 2016.
2. Dakshin Bharat Hindi Prachar Sabha Chennai-17, Niband Radhana, Hindi, 2016.
3. DBHP Sabha, Chennai-17, Anuvad Abyas-3, Hindi, 2016
4. Rajnath Sharma, Hindi Sahitya ka Itihas, Vinkod Pustak Mandir, Agra-2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UGH410004	Title of the Paper Hindi-IV					Hours 4	Credits 3				
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	Mean Score of COs
CO1	4	4	4	3	4	3	3	4	5	4	4	3.5
CO2	3	3	2	3	3	3	5	3	4	3	3	3.1
CO3	3	3	3	3	4	3	3	3	4	3	3	3.1
CO4	3	2	2	3	2	3	3	3	3	3	3	2.7
CO5	3	3	3	3	3	3	5	3	3	4	4	3.3
CO6	4	4	4	4	3	5	3	5	4	4	3	3.9
Mean Overall Score												3.3

Result: The Score for this Course is 3.3 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semestre: IV
17UGF410004

Heures/Semaine: 4
Credits : 3

FRANÇAIS-IV

Course Outcomes

- * Comparer la culture de l'Inde et de la France
- * Familiariser l'étudiant avec le vocabulaire, la grammaire et les conversations
- * Connaître les auteurs français (20 auteurs) et leurs œuvres
- * Dire qu'on aime quelqu'un/ quelque chose
- * Demander des informations
- * Exprimer une opinion personnelle et Justifier son opinion.

Unit-I : Prières du Nouvel An (10 heures)

Exprimer l'inquiétude, le regret, le souhait, l'obligation, la sympathie.

Grammaire : Le subjonctif, verbe craindre

Unit-II : Retrouvailles (10 heures)

Marquer la surprise

Grammaire : Le subjonctif, pronoms possessifs.

Unit-III : C'est lui le meilleur ! (10 heures)

Dire qu'on aime quelqu'un/ quelque chose, donner son opinion, insister.

Grammaire : Le superlatif, les pronoms démonstratif.

Unit-IV Sauvons notre Terre ! (15 heures)

Enchaînement de cause et d'effet, demander à quelqu'un de tenir compte de quelque chose.

Grammaire : Le plus-que-parfait, il y a.

Unit-V : Le jour des élections s'approche et les auteurs français (20 auteurs) et leurs œuvres (15 heures)

Demander des informations, dire qu'une action n'est pas utile, exprimer une opinion personnelle, Justifier son opinion.

Grammaire : Le participe présent – le gérondif, la voix passive.

Manuel:

1. K.Madanagobalane, **Synchronie-II**, Samhitâ Publication, 2011.

Livre de référence:

1. Annie Berthet /B atrix Sampsonis/ Catherine Hugot /V_ronnique M Kizirian / Monique Waendendries, **Alter Ego A1**, Hachette, 2006.
2. Yves Loiseau/R_gineM_rieux, Connexions 1, Didier, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UGF410004	Title of the Paper French-IV										Hours 4	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6		
CO1	4	4	2	3	4	4	2	3	2	2	3	3.0	
CO2	3	3	3	3	4	4	2	4	3	2	3	3.1	
CO3	3	2	3	2	4	3	4	3	3	3	4	3.1	
CO4	3	3	4	3	4	1	2	2	4	3	3	2.9	
CO5	3	3	4	3	4	3	2	2	4	4	5	3.4	
CO6	3	4	3	3	3	4	4	2	4	3	4	3.4	
Mean Overall Score												3.2	

Result: The Score for this Course is 3.2 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: IV
17UGS410004

Hours/Week: 4
Credits : 3

SANSKRIT-IV

Course Outcomes

At the end of the course, a student should be able to demonstrate...

- * knowledge and understanding of the history of Sanskrit Drama.
- * knowledge and understanding of the Nataka vivaranam.
- * the introduction of Functional - Sanskrit conversation Letter writing.
- * the ability to apply relevant theoretical perspectives to topics within the field of study
- * the competence in academic writing and oral presentation skills.
- * the ability to work both independently and in groups on presentations and/or development of Projects.

Unit-I **8 hours**

Paataah – Asta, Nava Dasha, Sankhya prayogah.

Unit-II **12 hours**

Lot lakaarah. Prqayaogah. Kartari Vaakyaani

Unit-III **12 hours**

Naatakasya Itihaasah.

Unit-IV **14 hours**

Karnabhaaram. Naatakam.

Unit-V **14 hours**

Kathaapaatra Vailaksharnyam.

Books recommended:

1. R.S.Vadhyar & Sons, Book-Sellers and Publishers, Kalpathi, Palghat 678003, Kerala, South India, History of Sanskrit Literature, 2014.
2. Samskritha Bharathi, Aksharam 8th Cross, 2nd Phase, Giri Nagar, Bangalore. Vadatu Sanskritam – Samskara Binduhu, 2014.
3. R.S. Vadhyar & Sons, Book-Sellers and Publishers, Kalpathi, Palghat 678003, Kerala, South India. Karnabharam, 2014.
4. Kulapathy, K.M., Saral Sanskrit Balabodh, Bharathiya vidya Bhavan, Munshimarg, Mumbai 400007, 2014.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UGS410004	Title of the Paper Sanskrit-IV				Hours 4	Credits 3					
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)						
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	Mean Score of COs
	CO1	5	3	5	4	4	3	3	3	3	4	3.1
	CO2	4	3	4	4	4	3	3	4	3	3	3.1
	CO3	4	3	3	4	4	3	4	4	4	4	3.2
	CO4	4	3	3	4	3	3	3	4	4	4	3.1
	CO5	4	4	4	3	4	3	4	3	4	4	3.0
	CO6	5	4	4	4	4	3	3	3	3	4	3.2
Mean Overall Score												3.1

Result: The Score for this Course is 3.1 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester: IV
17UGE420104

Hours/Week: 5
Credits: 3

GENERAL ENGLISH-IV

Course Outcome

- * Comprehend the local and global issues through the lessons
- * Do the tasks centering on skill development and enhance their Grammar Using and Writing Skills
- * Use interactive skills
- * Train and develop the Listening and Reading Skills of the learners through teacher-led reading practice
- * Improve their General Writing Skills such as Note-Taking, Note-Making, Précis Writing, Paragraph Writing, and Writing Short Essays on Current Issues/General Topics
- * Understanding the social background and human character of the period

Unit-VII:

***Women through the Eyes of Media**

- 7.0 Introduction
- 7.1 Objectives
- 7.2 Listening and Reading Skills through Teacher-led Reading Practice
- 7.3 Glossary
 - 7.3.1 Words
 - 7.3.2 Phrases
- 7.4 Reading Comprehension
- 7.5 Critical Analysis
- 7.6 Creative Task
- 7.7 General Writing Skill: Writing Minutes of a Meeting
- 7.8 Grammar: Present Perfect Tense
- 7.9 **Non -Detailed Poem:** Thomas Hood (1799–1845): “Silence”

Unit-VIII:

***Effects of Tobacco Smoking**

- 8.0 Introduction
- 8.1 Objectives
- 8.2 Listening and Reading Skills through Teacher-led Reading Practice
- 8.3 Glossary
 - 8.3.1 Words
 - 8.3.2 Phrases

- 8.4 Reading Comprehension
- 8.5 Critical Analysis
- 8.6 Creative Task
- 8.7 General Writing Skill: Note-Taking
- 8.8 Grammar: Present Perfect Continuous Tense
- 8.9 **Non -Detailed Poem:** Coventry Patmore (1823-1896): “The Toys”

Unit-IX:

*** Short Message Service (SMS)**

- 9.0 Introduction
- 9.1 Objectives
- 9.2 Listening and Reading Skills through Teacher-led Reading Practice
- 9.3 Glossary
- 9.3.1 Words
- 9.3.2 Phrases
- 9.4 Reading Comprehension
- 9.5 Critical Analysis
- 9.6 Creative Task
- 9.7 General Writing Skill: Note-Making
- 9.8 Grammar: Past Perfect Tense
- 9.9 **Non -Detailed Poem:** Stephen Spender (1909-1995): “Daybreak”

Unit-X:

***An Engineer Kills Self as Crow Sat on his Head: A News Paper Report**

- 10.0 Introduction
- 10.1 Objectives
- 10.2 Listening and Reading Skills through Teacher-led Reading Practice
- 10.3 Glossary
- 10.3.1 Words
- 10.3.2 Phrases
- 10.4 Reading Comprehension
- 10.5 Critical Analysis
- 10.6 Creative Task
- 10.7 General Writing Skill: Précis Writing
- 10.8 Grammar: Past Perfect Continuous Tense
- 10.9 **Non -Detailed Poem:** Gabriel Imomotimi Okara (1921): “Once Upon a Time”

Unit-XI:

***Traffic Rules**

- 11.0 Introduction
- 11.1 Objectives
- 11.2 Listening and Reading Skills through Teacher-led Reading Practice
- 11.3 Glossary
- 11.3.1 Words
- 11.3.2 Phrases
- 11.4 Reading Comprehension
- 11.5 Critical Analysis
- 11.6 Creative Task
- 11.7 General Writing Skill: Paragraph Writing
- 11.8 Grammar: Future Perfect Tense
- 11.9 **Non -Detailed Poem:** Robert Winner (1930-1986): “Opportunity”

Unit-XII:

***A Handful of Answers: A Zen Tale**

- 12.0 Introduction
- 12.1 Objectives
- 12.2 Listening and Reading Skills through Teacher-led Reading Practice
- 12.3 Glossary
- 12.3.1 Words
- 12.3.2 Phrases
- 12.4 Reading Comprehension
- 12.5 Critical Analysis
- 12.6 Creative Task
- 12.7 General Writing Skill: Writing Short Essays on Current Issues/General Topics
- 12.8 Grammar: Future Perfect Continuous Tense
- 12.9 **Non -Detailed Poem:** Ted Hughes (1930–1998): “The Harvest Moon”

Textbook

1. Jayraj, S. Joseph Arul et al. *Trend-Setter: An Interactive General English Textbook for Under Graduate Students*. New Delhi: Trinity, 2016. Print.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UGE420104	Title of the Paper General English-IV										Hours 5	Credits 3	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5			PSO6	PSO7
CO1	5	4	5	5	4	4	4	5	5	5	4	5	5	4.61
CO2	5	4	5	5	3	4	5	5	5	5	5	5	5	4.69
CO3	4	4	5	4	4	3	4	4	5	5	4	4	5	4.23
CO4	4	4	5	4	4	3	4	5	5	5	4	4	5	4.30
CO5	5	4	5	4	4	4	4	4	5	5	4	4	5	4.38
CO6	5	5	5	5	4	4	4	5	5	5	4	4	5	4.61
Mean Overall Score														4.47

Result: The Score for this Course is 4.47 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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**Semester IV
17UEC430207**

**L P C
5 - 4**

MACRO ECONOMICS-II

Course Outcome

- * To know the macro economics goals of the country
- * To understand the types of planning model in a mixed economy
- * To study Joan Robinson model and its applicability to developing countries like India
- * To find out the different strategies of development
- * To understand the strategies of Balanced and unbalanced growth
- * To know the types of Foreign Capital and MNCs in India

Unit-I: Macro Economic Goals (15 Hours)

Macro Economic Policy – Macro economic goals - Economic Planning - Need for Planning - Planning Models and Planning in a Mixed Economy.

Unit-II: Joan Robinson's Model of Capital Accumulation (15 Hours)

Robinson Model - A critical appraisal - Its applicability to developing countries - Golden Rule of Accumulation.

Unit-III: Development Strategy (15 Hours)

Underdevelopment and Development - Development Strategy of an economy - Nurkse's theory of Disguised Unemployment as a Saving Potential - Lewis Theory of Unlimited Supplies of Labour.

Unit-IV: Doctrine of Balanced Growth (15 Hours)

Strategies of Balanced and Unbalanced Growth: Growth Models - Harrod and Domar Models - Mahalanobis heavy industry Model - Strategy for development – Two-Sector Model - Wage Goods Model of Development.

Unit-V: Foreign Capital and Aid in Economic Development (15 Hours)

Types of foreign capital – Multinational Corporation and technology transfer - Factors determining Foreign Aid for Economic Development - Two Gap Model and Cost Benefits of foreign Aid – Foreign Direct Investment – Foreign Portfolio Investment.

Textbook

1. Jhingan M. L., *The Economics of Development and Planning*, 14th Revised edition, 2011, ISBN 81-87125-62-4, Vrinda Publication (P) Ltd, New Delhi.

- Edward Shapiro, Macro Economic Analysis, Galgotia, 12th edition , 2012, New Delhi.

Books for Reference

- Agrawal R.C, Economics of Development and Planning, 5th Revised Edition 2011, Lakshmi Narain Agarwal, Agra.
- Seth, M.L, Macro Economics, 28th Revised Edition 2010-11, Navrang offset printers, Agra.
- Ackley,G, Macro Economic Theory and Policy , Macmillan- New York 1973.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UEC430207		Title of the Paper Part-III: Macro Economics-II										Hours 5	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	4	3	5	5	2	2	4	3.38
CO2	3	2	3	1	3	4	4	3	4	4	4	3	5	3.31
CO3	4	3	3	2	1	4	4	5	3	3	4	4	5	3.46
CO4	3	4	3	2	4	3	4	3	4	5	3	3	4	3.46
CO5	2	1	2	1	1	3	4	5	3	3	3	3	3	2.62
CO6	3	4	3	2	4	4	4	5	4	3	3	4	4	3.62
Mean Overall Score														3.31

Result: The Score for this Course is 3.3 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UEC430208

L P C
4 - 3

LABOURECONOMICS

Course Outcome

- * To understand the term labour and what labour economics is about.
- * To learn the method of related theories to fix wages.
- * To learn about labour organizations both in India and abroad.
- * To understand the need of social security schemes for labour.
- * To compare labour productivity and wages.
- * To understand exclusive labour issues in India.

Unit-I: Basic Concepts and Labour Market (10 hours)

Meaning and concept of labour - Definition, nature, scope and importance 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 (10 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 Unionism, Industrial Dispute and Labour Legislation (20 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: Social Security Measures of Labour (10 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 and the Provident Fund Act-1952 - Labour Welfare Funds - Unemployment Insurance- Social security of the unorganised sector workers.

Unit-V: Issue of Labour in India (10 hours)

Industrial labour: meaning and characteristics of Industrial Labour in India

- Contract 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.

Textbooks

1. Thyagi B.P, *Labour Economics and Social Welfare*, Jai Prakash Nath & Co., Meerut, 1986.
2. Sharma A.K. - *Labour Economics*, Anmol Publications, New Delhi, 2006.

Books for Reference

1. Hajela, P.D, *Labour Restructuring in India: A Critique of the New Economic Policies* Common wealth Publishers, New Delhi, 1988.
2. Venkata Ratnam, C.S., *Globalization and Labour Management Relations Dynamics of change*, Sage, New Delhi, 2001.
3. Memoria, C.B., *Labour Problems and Social Welfare in India*, Allahabad, Kitab Mahae, 1996.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UEC430208	Title of the Paper Part-III: Labour Economics												Hours 4	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	2	4	2	1	4	3	4	3	2	4	3	4	3.08	
CO2	2	2	3	3	4	3	4	5	4	5	3	4	3	3.46	
CO3	4	3	3	4	4	4	5	4	5	4	4	5	5	4.15	
CO4	4	3	3	4	4	5	3	3	2	3	5	4	3	3.54	
CO5	3	2	3	3	4	2	4	2	3	3	4	5	4	3.23	
CO6	2	4	3	1	3	3	5	4	4	3	3	2	2	3.00	
Mean Overall Score														3.41	

Result: The Score for this Course is 3.4 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UEC430301A

L P C
4 - 4

Core Elective-1 (Within the Department)
TAMILNADUECONOMY

Course Outcome

- * It enhances the students to get the knowledge about Tamil Nadu's administrative, political set up and available sources in it.
- * It helps his knowledge to competitive examination skills.
- * It enhance the students' critical thinking on Tamil Nadu economy on different aspects.
- * The students get the knowledge of policy analysis regard to Tamil Nadu economy
- * The students get ability to compare Tamil Nadu infrastructure with rest of states and Country.
- * The students get to know about strengths and weaknesses of Tamil Nadu's agricultural pattern and marketing.

Unit-I: Basic Characteristics of Tamil Nadu (12 Hours)

Resource endowment - -Land, Minerals, Forests and Monsoon – Regional differences in Resource Endowment —Population – Growth – Demographic Trends – Human Development India Index – Gender Development Index.

Unit-II: Performance of Tamil Nadu Economy (12 Hours)

Trends in State income - Structural growth before and after reforms -- Dynamism of the economy - State Planning Commission - Targets and Achievements - Financing of plans: Revenue, expenditure, debt – Current year Budget.

Unit-III: Agricultural Sector (12 Hours)

Land use pattern - Sources of irrigation - Cropping pattern - Productivity and yield of major crops - Agricultural marketing - Regulated Markets - -Uzhavar Sandhai – Agricultural finance – Livestock.

Unit-IV: Industrial Sector (12 Hours)

Trends and patterns in industrial growth - Large scale and small-scale industries - Industrial Estate – KVIC and DIC -- Labour Welfare measures.

Unit-V: Infrastructure (12 Hours)

Transport: road, rail, air and sea - Energy generation: Hydro, thermal and nuclear power systems - Banking – Housing - Social Welfare - Programmes of the State Government - Education and health –Integrated Child

Development Scheme (ICDS) - Unemployment – Anti-poverty strategies – PDS - Women Development.

Textbook

1. Leonard, A.G., *TamilNadu Economy*, Macmillan, New Delhi, 2006.
2. Manickam, S., *Economic Development of TamilNadu in Perspective*, 2007.

Books for Reference

1. MIDS, *Tamil Nadu Economy - Performance and Issues*.
2. Rajalakshmi, *Tamil Nadu Economy*, Business Publishers, 1999.
3. Perumalsamy.S, *Economic Development of Tamil Nadu*, S. Chand, New Delhi, 1995.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UEC430301A	Title of the Paper Part-III: Tamil Nadu Economy												Hours 4	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	4	4	3	5	3	3	4	3	3.38	
CO2	3	2	3	3	3	3	4	4	4	3	4	4	4	3.38	
CO3	4	3	3	4	3	5	4	2	4	4	3	4	3	3.54	
CO4	3	4	3	2	4	4	4	2	3	4	3	5	4	3.46	
CO5	2	4	2	4	5	3	1	3	4	4	2	4	5	3.31	
CO6	3	4	3	2	4	4	2	3	3	3	3	4	3	3.15	
Mean Overall Score														3.37	

Result: The Score for this Course is 3.37 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UEC430301B

L	P	C
4	-	4

Core Elective-1 (Within School)
TOURISMANAGEMENT

Course Outcome

- * To study the economic impacts of tourism development.
- * To study the status of tourism in global, national and state level.
- * To know the tourism programmes in the national and state.
- * To understand the tourism products.
- * To get an idea of tourism marketing.
- * To understand the impact of tourism industry in present scenario.

Unit-I: Basic Concepts of Tourism (12 Hours)

Meaning, Definition, Concepts and Types of Tourism - Tourism and economic development - Importance of tourism – Sustainable Tourism.

Unit-II: Tourism Status (12 Hours)

Tourism status in global and national - Impact of tourism development in India - Tourism Development Corporation in India - Programmes in Tourism Development - Infrastructure Development Programme - Integrated Development of Tourism Circuits, Product infrastructure and Destination Development - Assistance for Large Revenue Generating Projects.

Unit-III: Tourism Product and Tourism Marketing (12 Hours)

Tourism product - Attractions, Availability, Accessibility and Amenities - Tourism Marketing - various types of tourism marketing in India - Impact of Information Technology in tourism management.

Unit-IV: Tourism Services (12 Hours)

Hotels – Motels – Resorts - Boating Clubs – Conducted /Organized Tours – Package Tour – Insurance – Guides – Tour Operators - Tour Promoters – Medical Tourism- Medical Tourism in India.

Unit-V: Growth of Tourism (12 Hours)

Growth of tourism in India - Problems faced by tourism industry - National Tourism Policy of India - Fund allocation for tourism in India – TN Tourism Development Corporation.

Textbook

1. Nirmal Kumar. S, *Problems of Tourism in India-Tourism and Economic Development*, APH, New Delhi 1996.

Books for Reference

1. Biswanath Ghosh, *Tourism and Travel Management*, Vikas, New Delhi, 1998.
2. Arun Kumar Shankar, *Action Plan and Priorities in tourism development*, Kaniskha, New Delhi, 1998.
3. Vinukumar. S and Chandrasekhar,K.S, *Sustainable Development and Tourism*, 2004.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UEC430301B	Title of the Paper Part-III: Tourism Management												Hours 4	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	4	4	3	5	3	3	4	2	3.31	
CO2	3	2	3	1	3	5	4	4	4	4	4	3	3	3.31	
CO3	4	3	3	2	1	3	4	5	4	3	5	5	5	3.62	
CO4	3	4	3	2	4	3	4	5	3	3	4	4	3	3.46	
CO5	2	4	2	3	3	3	4	4	3	4	2	5	3	3.23	
CO6	3	4	3	2	4	4	3	3	4	2	3	3	4	3.23	
Mean Overall Score														3.36	

Result: The Score for this Course is 3.3 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UEC430404

L P C
6 - 5

Allied:

STATISTICS FOR ECONOMICS-II

Course Outcome

- * To introduce various statistical tools to foster a research attitude in the students of Economics
- * To enable the students to compute various methods of correlation
- * To know the differences between correlation and regression.
- * To compute and interpret simple linear regression between two variables.
- * To understand the theory of probability and its applications
- * To use basic counting techniques (addition rule and multiplication rule,) to compute probability.
- * To give knowledge about various measurement of trend like semi average, moving average and least square.
- * To construct different types of index numbers and the importance of index numbers in Indian Economy.

Unit-I: Correlation Analysis (15 Hours)

Meaning - Significance of the Study of Correlation - Correlation and Causation - Types of Correlation: Positive, Negative, Partial, Multiple, Linear and Non-Linear - Methods of Studying Correlation: Scatter Diagram Method, Graphic Method, Karl Pearson's Coefficient of Correlation, Spearman's Rank Correlation.

Unit-II: Regression Analysis (15 Hours)

Meaning - Difference between Correlation and Regression -- Regression Lines - Regression Equations of X on Y and Y on X Only - -Regression Coefficients.

Unit-III: Probability (15 Hours)

Meaning and concepts – Calculation of Probability - Theorems of Probability: Addition Theorem and Multiplication Theorem - Simple Problems.

Unit-IV: Analysis of Time Series (15 Hours)

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

Unit-V: Index Numbers (15 Hours)

Meaning - Uses – Classification – Types - Cost of Living Index (CPI) -

Problems in construction - Paasche, Laspeyres, and Fishers Ideal Index numbers – Adequacy Test.

Textbook

1. Gupta S.P, *Statistical Methods*, Sultan Chand, New Delhi, 2001

Books for Reference

1. Gupta S.P, *Elementary Statistical Methods*, Vikas Publishing House, New Delhi, 2009.
2. Pillai, R.S.N. & Bagavathi.V, *Statistics Theory and practice*, S.Chand, New Delhi, 2000.
3. Croxton, F.E., Cowden, D.J., and Klein, S, *Applied General Statistics*, Prentice-Hall, New York, 1939.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UEC430404	Title of the Paper Part-III: Statistics for Economics-II												Hours 6	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	4	3	4	3	4	4	4	4	3.46	
CO2	3	2	3	4	3	3	3	4	3	4	3	4	4	3.31	
CO3	4	3	3	2	2	4	3	3	2	5	4	5	3	3.31	
CO4	4	4	3	2	4	4	2	4	3	3	3	3	2	3.15	
CO5	2	4	3	4	3	4	3	2	4	2	3	4	3	3.15	
CO6	3	4	3	2	4	4	2	3	5	3	3	3	4	3.31	
CO7	2	4	3	4	3	4	3	2	4	2	3	4	3	3.15	
CO8	3	4	3	2	4	4	2	3	5	3	3	3	4	3.31	
Mean Overall Score														3.26	

Result: The Score for this Course is 3.26 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$		Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$	
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Semester IV
17UFC441004A

Hours/Week: 2
Credits: 2

FORMATION OF YOUTH-II

Course Outcome

1. To ensure preparing the students to live in harmony with nature.
2. To ensure the youth the significance of public health and the related issues.
3. To ensure sensitizing the youth about addictions and their consequences.
4. To ensure educating the youth on disaster management and First-Aid.
5. To ensure enlightening on the developmental issues and challenges of youth today.
6. To ensure the value of counselling for attaining positive mental health.

Unit-I: Harmony with Nature

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

Unit-II: Public Health

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-III: Disaster Management and First-Aid

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-IV: Issues Dealing with Science

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, Harnessing the forces of science and technology for the future

Unit-V: Counselling for the Adolescents

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.

Text Book:

1. **Formation of Youth**, Department of Foundation course, St. Joseph's College, Tiruchirappalli-2, 2016.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UFC441004A	Title of the Paper FORMATION OF YOUTH-II														Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8				
CO1	4	4	5	4	5	5	3	4	5	5	4	5	4	4.4			
CO2	4	4	4	4	4	5	4	3	4	4	4	5	5	4.2			
CO3	5	3	5	4	5	4	4	3	4	4	4	5	5	4.2			
CO4	3	4	5	4	4	5	4	4	4	4	4	3	4	4.0			
CO5	2	4	4	4	5	5	4	4	5	5	5	4	5	4.3			
CO6	4	3	4	4	5	3	4	5	5	4	5	5	4	4.2			
Mean Overall Score														4.2			

Result: The Score for this Course is 4.2 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester IV
17UFC441004B

Hours/Week: 2
Credits: 2

RELIGIOUS DOCTRINE-II

Course Outcome

1. To ensure appreciation of the harmony of religion.
2. To ensure training the youth in the power of prayer.
3. To ensure the understanding of Mary's role in salvation history and Marian Dogmas.
4. To ensure enlightening the graces and invisible effects of the sacraments.
5. To ensure the youth with the promise that God forgives failings on repentance.
6. To ensure understanding the concept of salvation and the promise of eternal life.

Unit: I Harmony of Religions

Introduction - Religions of India - Buddhism - Jainism - Sikhism - Judaism - Confucianism - Christianity - Zoroastrianism - Islam

Unit: II The Christian Prayer

Prayer Defined - Reasons to pray - The Way to Pray - Types of Prayer - Obstacles for Prayer - Prayer in Old -The Lord's Prayer

Unit: III Mary, the Blessed Virgin, Mother of God

Introduction - Marian Dogmas - Mary in need of Redemption - Mary in the New Testament - Apparitions of Mary - Devotion to Mary

Unit: IV Sacraments of Initiation

Introduction - An Overview - Baptism - Confirmation - Holy Eucharist

Unit: V Sacraments of Healing & at the Service of the Community

Reconciliation - Anointing of the Sick - Holy Orders – Matrimony

Text Book:

1. **Life in the Lord**, Department of Foundation course, St. Joseph's College, Tiruchirappalli-2, 2011.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester IV	Course Code 17UFC441004B	Title of the Paper RELIGIOUS DOCTRINE-II												Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9	
CO2	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9	
CO3	4	3	4	4	3	4	4	5	4	4	5	5	5	4.2	
CO4	4	1	4	3	3	4	4	4	5	4	5	5	5	3.9	
CO5	4	1	4	3	3	4	4	4	5	4	4	4	5	3.8	
CO6	4	1	4	3	3	5	5	5	5	4	5	4	4	4.0	
Mean Overall Score														3.9	

Result: The Score for this Course is 3.9 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V
17UEC530209

L P C
6 - 4

HISTORY OF ECONOMIC THOUGHT -I

Course Outcome

- * Gain knowledge of the origin and development of economic ideas
- * Understand the differences in the main focus of economic ideas
- * Understand the influence of socio-political reality in shaping the economic ideas
- * Understand the life and commitment of the economists
- * Gain confidence in evaluating economic ideas
- * Understand the government policies from the perspectives of different economic ideas

Unit-I: Early Economic Thought (18 Hours)

Economic ideas of the Hebrews - Economic ideas of Greco-Romans: Plato and Aristotle - Medieval Economic Thought of St.Thomas Aquinas.

Unit-II: Mercantilism and Physiocracy (18 Hours)

Mercantilism: main characteristics - Thomas Munn – Physiocracy: main characteristics and Economic ideas of Francois Quesnay, Ann-Robert-Jacques Turgot, William Petty, John Locke and David Hume.

Unit-III: Classical Economic Thought (18 Hours)

Economic ideas of Adam Smith: division of labour, theory of value, capital accumulation, distribution, views on trade, economic progress - David Ricardo: value, theory of rent, distribution, ideas of economic development and international trade - Thomas R.Malthus: Theory of population, Theory of gluts- Economic ideas of Say and Mill.

Unit-IV: Development of Socialistic Ideas (18 Hours)

Economic ideas of St. Simon, Simonde de Sismondi, Robert Owen and Marx: Dynamics of social change, Theory of value, Surplus value and crisis of capitalism.

Unit-V: Historical School (18 Hours)

The Older Historical School: Wilhelm Roscher, Bruno Hildebrand, Karl Kries - The Newer Historical School : Schmoller.

Textbook

1. Loganathan,V., *A History of Economic Thought* - S. Chand, New Delhi, 1987.
2. Schumpeter, J.A., *A History of Economic Analysis*, OUP, New York, 1954.

Books for Reference

1. Blackhouse, R., *A History of Modern Economic Analysis*, Basil Blackwell, Oxford 1985.
2. Ganguli. B.N., *Indian Economic Thought: A 19th Century Perspective*, Tata McGraw Hill, New Delhi, 1977.
3. Gide C and Rist G, *A History of Economic Doctrines*, George Harrop, London, 1956.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC530209	Title of the Paper Part-III: History of Economic Thought-I												Hours 6	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	4	2	4	4	3	3	3	2	3.08	
CO2	3	2	3	2	3	4	4	5	3	3	3	3	4	3.23	
CO3	4	3	3	2	3	3	3	4	2	2	3	4	3	3.00	
CO4	3	4	3	2	4	4	4	3	4	3	3	4	4	3.46	
CO5	4	3	4	3	2	5	3	5	4	4	4	4	4	3.77	
CO6	3	4	4	3	4	4	4	5	4	5	4	5	4	4.08	
Mean Overall Score														3.44	

Result: The Score for this Course is 3.44 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V
17UEC530210

L P C
6 - 3

MONEY AND BANKING

Course Outcome

- * The students understand the evolution of monetary system.
- * The students understand the barter system and difficulties in it.
- * The course makes them to understand money and capital market system.
- * The course gives them guidance about operations of banking system in different channels.
- * They get the idea about inflation and its role in economy in different aspects.
- * Get the knowledge on Reserve bank of India and its role and functions.

Unit-I: Money: Theory and Approaches (18 Hours)

Money: Meaning, functions and classification - Gresham's Law - Value of Money - Measurement by 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 (18 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 - Trade-off between inflation and unemployment - Trade cycle: structure, causes, effects, control of trade cycle - Theories of Trade cycle: Hawtrey, Von-Hayek and Hicks.

Unit-III: Commercial Banking (18 Hours)

Meaning and types - Functions of Commercial banks - 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 (18 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

Unit-V: Money and Capital Markets and Monetary Policy (18 Hours)

Structure and importance of Money Market: London and New York Money Markets - Indian Money market - Indian Capital Market- Monetary Policy -

Theories - Classical, Keynesian- objectives - Limitations of Monetary Policy with reference to India.

Textbook

1. Sundaram K.P.M, *Money Banking and International Trade*, 1990.

Books for Reference

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

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC530210	Title of the Paper Part-III: Money and Banking												Hours 6	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	3	3	4	3	2	3	4	3	2	3	4	4	3	3.15	
CO2	3	2	3	1	3	4	4	3	3	4	3	4	4	3.15	
CO3	4	3	3	2	1	3	4	3	5	3	5	4	3	3.31	
CO4	3	4	3	2	4	4	4	3	4	2	4	4	3	3.38	
CO5	2	3	2	1	4	5	3	5	2	4	3	4	3	3.15	
CO6	3	4	3	2	4	3	4	4	4	5	2	2	3	3.31	
Mean Overall Score														3.24	

Result: The Score for this Course is 3.24 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V
17UEC530211

L P C
5 - 3

RESEARCH METHODS IN ECONOMICS

Course Outcome

- * To define research, explain and apply research terms in Economics
- * To propose a research study and justify the theory as well as the methodological decisions, including sampling and measurement
- * To be able to develop literature review and research methodology based on the selected topic.
- * To know the sample design and to develop the skills for sampling and sampling techniques used to collect survey data
- * To understand the procedure for testing of hypotheses
- * To know the significance of Report writing and mechanics of thesis writing

Unit-I: Fundamental Concepts of Research (18 Hours)

Meaning, objectives, purpose and criteria of Research - Types of research: pure, applied, historical, analytical, descriptive and experimental - Process of research - Scientific method - Case study method - Problems encountered by researchers.

Unit-II: Research Planning (18 Hours)

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

Unit-III: Sampling Design (18 Hours)

Different research designs - Factors affecting research design - Sampling design - Types of sampling - Factors affecting the size of the sample - Methods of data collection - Primary and secondary methods.

Unit-IV: Hypothesis (18 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 (18 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.

Textbook

1. Kothari C.R, *Research Methodology*, New Age International, New Delhi, 2006.
2. Kurien C.T, *A Guide to Research in Economics*, National Publishing House, New Delhi, 1983.

Books for Reference

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

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC530211	Title of the Paper Part-III: Research Methods in Economics										Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)							
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	4	4	3	4	4	4	4	5	2	4	4	5	2
CO2	3	3	4	3	4	3	5	4	1	4	4	5	1
CO3	3	3	3	3	4	3	4	3	2	3	5	5	2
CO4	3	3	4	3	3	3	4	2	1	3	2	4	2
CO5	4	4	4	4	3	4	5	3	3	3	3	4	3
CO6	3	4	4	3	3	4	4	3	2	2	4	4	2
Mean Overall Score													3.36

Result: The Score for this Course is 3.36 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V	L	P	C
17UEC530212	5	-	3

ECONOMICS OF INFRASTRUCTURE

Course Outcome

- * To understand the term infrastructure, origin and development.
- * To learn the nexus between infrastructural development and economic development.
- * To be aware of significance of energy conservation.
- * To understand the need for non conventional energy sources.
- * To study on funding agencies of infrastructure.
- * To conceptualise Public Private Partnership.

Unit-I: Importance of Infrastructure (18 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 (18 Hours)

Demand for transport- cost functions in the transport sector - Principle of pricing- Special problems of individual modes of transport- Telephone utilities- cost in telephone industry- Characteristics of postal services- Criteria for fixation of postal rates - measurement of standards of service in telephone and postal utilities.

Unit-III: Energy, Electricity and Water Supply (18 Hours)

Primacy of energy in the process of economic development- factors determining demand for energy- Effects of energy shortages- Energy conservation- Renewable and non-conventional sources of energy- 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 Economic Growth (18 Hours)

Education and economic growth- the case for universal, free, primary education- structure of higher education- Financing of Higher Education in India - Health dimensions - Determinants of health – Poverty, Malnutrition, Illiteracy and lack of health information.

Unit-V: Organisation and Financing of Infrastructure (18 Hours)

Organization and financing of social services - Private Vs Public sector financing – Public and Private Partnership (PPP) in infrastructure.

Textbook

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

Books for Reference

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

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC530212	Title of the Paper Part-III: Economics of Infrastructure													Hours 5	Credits 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
CO1	5	3	2	4	3	4	2	2	3	4	3	3	3	3.15		
CO2	3	3	2	4	4	3	4	3	4	3	4	4	4	3.46		
CO3	3	4	2	4	4	3	4	2	3	4	3	3	4	3.31		
CO4	4	1	4	3	2	3	2	4	4	3	4	3	5	3.23		
CO5	3	3	3	3	3	4	3	4	4	4	3	5	3	3.46		
CO6	4	3	3	4	3	3	4	3	5	4	3	5	4	3.69		
Mean Overall Score															3.38	

Result: The Score for this Course is 3.38 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V
17UEC530302

L P C
4 - 4

Core Elective-2 (Within School)
PRINCIPLES OF ECONOMICS

Course Outcome

- * To provide basic and conceptual understanding of economic concepts and principles.
- * To make the students understand the methods and measurement of national income.
- * To acquire knowledge of the key factors of production.
- * To understand the concept of inflation in the present era.
- * To know the basic ideas about the internal and international trade.
- * To know the important theories of international trade and terms of trade.

Unit-I: Nature and Scope of Economics

Meaning and Definitions of economics, nature, scope, Uses and Limitations.

Unit-II: Demand Analysis

Meaning – Law of Demand and its determinants – Meaning, types and degrees of Elasticity – Measurement of price elasticity- Meaning- factors involved in forecasting- Methods of forecasting – criteria for good forecasting.

Unit-III: Production and Costs Analysis

Law of variable proportions- Law of returns to scale – Cost concepts – cost-output relationship- Economies and Diseconomies of scale.

Unit-IV: Pricing Techniques

Full-cost pricing- Marginal Pricing- Target pricing- Peak-load pricing- Going-rate pricing- Cyclical pricing- Customary pricing- Product line pricing- skimming pricing- Penetrating pricing.

Unit-V: National Income and Economic Policies

National Income- components - Methods and Difficulties in the calculation of National Income- Monetary policy and Fiscal policy.

Textbook:

1. S.Sankaran, (1991), Micro Economics, Margham Publications, Madras.
2. Ahuja H.L. (1996), *Principles of Micro Economics, A New look at Economic Theory*, S.Chand, New Delhi.

Books for Reference

1. Kennedy, Maria John M., (1999). Advanced Micro Economic Theory (Second Edition) Himalaya, Publishing House, NewDelhi.
2. Stigler, G.. (1996). Theory of Price (Fourth Edition) PrenticeHall of India, New Delhi.
3. Jhingan M. L., (1992). *Micro Economic Theory*, Konark, New Delhi.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC530302		Title of the Paper Part-III: Principles of Economics										Hours 4	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	5	2	3	4	4	3	4	3.38
CO2	3	2	3	1	3	4	4	3	4	3	3	4	5	3.23
CO3	4	3	3	4	1	3	3	4	4	2	2	4	4	3.15
CO4	3	4	3	2	4	3	4	3	3	3	4	4	5	3.46
CO5	2	3	2	4	4	2	3	2	5	4	3	4	3	3.15
CO6	3	4	4	3	4	5	4	5	4	4	4	4	2	3.85
Mean Overall Score														3.37

Result: The Score for this Course is 3.37 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Semester V
17UEC540601

L P C
2 - 2

**Skill Based Elective (BS):
SECURITY ANALYSIS**

Course Outcome

1. To provide an understanding of the conceptual framework underlying security analysis.
2. To know the important instruments of share market.
3. To know the concepts and importance of capital market.
4. To provide a theoretical & practical background in the field of investment.
5. To know the concepts and applications of derivative securities.
6. To acquire practical knowledge about share market and its impact on economic growth

Unit-I: Introduction to Capital Market (6 Hours)

Capital market: Meaning and functions – Constituents - Instruments dealt with the share markets - bench mark indices- SENSEX- NIFTY.

Unit-II: Valuation of Bonds (6 Hours)

Measures of yield - Duration and Convexity - Measures of Risk - Determinants of Interest Rates - Bond Swaps.

Unit-III: Derivative Securities (6 Hours)

Equity options: Concept, Applications and Valuation- Index Futures: Concept and Applications.

Unit-IV: Valuation of Equity Stocks (6 Hours)

Approaches to Equity Stock Valuation - Economic Analysis- Industry Analysis - Company analysis, Technical Analysis, Hypothesis.

Unit-V: Portfolio Management (6 Hours)

The Conceptual Framework: Modern Portfolio Theory, Portfolio Management, and Performance Evaluation of Portfolio.

Textbook

1. Fischer. D.E, and Jordan R.J, *Security Analysis And Portfolio Management*, Prentice Hall of India, New Delhi, 1992.

Books for Reference

1. Ballha, V.K, *Investment Management*, S.Chand, New Delhi.
2. Avadhani. V.A, *Investment & Securities Markets in India*, Himalaya, Bombay.
3. Simha. S.L.N, Hemalatha. D and Balakrishnan S, *Investment Management*, Madras Institute for Financial Management and Research, 1979.
4. Elton.E.J., & Gruber. M.J, *Modern Portfolio Theory & Investment Analysis*; John Wiley.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V	Course Code 17UEC540601	Title of the Paper Skill Based Elective (BS): SECURITY ANALYSIS										Hours 2	Credits 2	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	3	3	4	3	2	4	3	4	3	1	4	4	4	3.23
CO2	3	2	3	1	3	5	4	3	4	3	5	4	3	3.31
CO3	4	3	3	2	1	3	4	3	3	2	4	4	3	3.00
CO4	3	4	3	2	3	4	4	5	2	4	3	4	4	3.46
CO5	2	3	2	4	4	2	3	4	5	3	2	4	4	3.23
CO6	3	4	3	2	4	4	4	2	4	3	3	2	5	3.31
CO7	4	3	2	3	2	3	3	5	4	3	4	3	5	3.38
CO8	3	4	4	3	4	3	4	4	4	3	3	4	3	3.54
Mean Overall Score														3.31

Result: The Score for this Course is 3.3 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester V
17USS540701A

L P C
2 - 2

**Inter Departmental Courses (IDC):
SOFT SKILLS**

Course Outcomes

1. To augment the level of confidence in articulation of the students in their communication.
2. To ensure that the students learn to speak and interact with one another as social beings
3. To equip them and train to present the best of themselves as job seekers.
4. To equip with conversation techniques, presentation skills and grooming
5. To prepare them write their own resume and enhance their interview skills required by employers
6. To ensure that the students learn the parameters of group dynamics a key component of conversation

Module I

Basics of Communication: Definition of communication, Barriers of Communication, Grooming, Presentations & Practicum.

Module II

Resume Writing & Interview Skills: Resume Writing: What is resume? Types of Resume - Chronological, Functional and Mixed Resume, Steps in preparation of Resume. **Interview Skills:** Preparation

Module III

Group Discussion: Basics of Group Discussion, Parameters of GD, Essential Points for GD preparation, and GD Topics and Practicum.

Module IV

Personal Effectiveness: Self Discovery; and Goal Setting; Questioners & Presentations for interview, Common interview questions, Attitude, Body Language, The mock interviews and Practicum

Module V

Numerical Ability: Calendar, Average, Percentage; Profit and Loss, Simple Interest, Compound Interest; Time and Work, Pipes and Cisterns; Time and Distance, Problems on Trains, Boats and Streams; Ratios and Proportions.

Module VI

Test of Reasoning - Verbal Reasoning: Series Completion, Analogy; Data Sufficiency, Assertion and Reasoning; and Logical Deduction. **Non-Verbal Reasoning:** Series; and Classification

Textbook

1. JASS, 2016. *Straight from the traits: Securing the soft skills*. St. Joseph's College, Trichy

References

1. Aggarwal, R.S. 2010. *A Modern Approach to Verbal and Non Verbal Reasoning*. S.Chand, New Delhi.
2. Aggarwal, R.S. 2001. *Quantitative Aptitude*. S.Chand. New Delhi
3. Covey, Stephen. 2004. *7 Habits of Highly effective people*, Free Press.
- Egan, Gerard. (1994). *The Skilled Helper* (5th Ed). Pacific Grove, Brooks/Cole.
4. Khera, Shiv 2003. *You Can Win*. Macmillan Books, Revised Edition.
5. Murphy, Raymond. 1998. *Essential English Grammar*. 2nd ed., Cambridge University Press.
- Sankaran, K., & Kumar, M. *Group Discussion and Public Speaking*. M.I. Pub, Agra, 5th ed., Adams, Media.
6. Trishna's 2006. *How to do well in GDs & Interviews*, Trishna Knowledge Systems.
7. Yate, Martin. 2005. *Hiring the Best: A Manager's Guide to Effective Interviewing and Recruiting**

Evaluation Pattern

Modules	Topic	Examination Pattern	
		CIA	Online
I	Basics of Communication	15	5
II	Resume Writing & Interview Skills	15	5
III	Group Discussion	10	10
IV	Personal Effectiveness	10	10
V	Numerical Ability (Common Session)	-	10
VI	Test of Reasoning (Common Session)	-	10
	Total	50	50

Semester V
17USS540701B

Hours/Week: 2
Credits: 2

**Inter Departmental Courses (IDC):
NATIONAL CADET CORPS**

Course Outcomes

1. NCC 'C' and 'B' certificates are very much useful and increase credit marks in UPSC and SSB examinations..
2. They learnt discipline punctual and leadership quality.
3. They got physical fitness for Army and Police selection.
4. They learnt general knowledge find political issue.
5. They got trained for social service and volunteers for disaster.
6. They will be the best citizens of India.

Unit-I: About NCC - Personality Development - Self Awareness (6 hours)
NCC Aims and objectives of NCC - Organization and training and NCC song Incentives for cadets in NCC - NCC ranks Religion, culture, traditions and customs of India.- National integration – importance and necessity - Freedom struggle and nationalist movement in India - Personality development - Introduction to personality development - Factors influencing / shaping personality – Physical, social, psychological and philosophical Self awareness – know yourself / insight - Change your mindset.

Unit-II: Interpersonal Relationship and Communication - NDMA (6 hours)
Interpersonal relationship and communication - Communication skills Leadership traits - Types of leadership Attitude – assertiveness and negotiation - Time management - Effects of leadership with historical examples - Stress management skills - Interview skills - Conflict motives.- Importance of group – team work - Disaster Management - Civil defence organization and its duties – NDMA Types of emergencies / natural disasters- Assistance during natural / other calamities / floods / cyclone / earth quake / accident - Setting up of relief camp during disaster Management - Collection and distribution of aid material .

Unit-III: Social Awareness & Community Development - Hygiene and Sanitation (6 hours)
Social awareness and community development - Basics of social service- weaker sections of our society and their needs - Health and Hygiene Structure and functioning of the human body - Hygiene and sanitation- Physical and mental health - Infectious and contagious diseases and its prevention -

Basic of home nursing and first aid in common medical emergencies - Wounds and fractures - Introduction to yoga and exercises

Unit-IV: AIR-WING (6 hours)
Principles of flight – Elementary Mechanics – Atmosphere - Venturi effect and Bernauli's theorem - Glossary of terms; Aero engines – Aero-engine components; Aircraft components – Airframe structure; Metereology – Importance of Metereology in Aviation; Air Navigation – Why a pilot should study Navigation; Airmanship – Airmanship; Aeromodelling – History of Aeromodelling – Materials used in Aeromodelling – Types of Aeromodels.

Unit-V: NAVAL (6 hours)
Naval orientation - history of Indian Navy – Navy head quarters commands fleets- ships shore establishment war ships and their role - induction to Anti submarine warfare.- Types of war ships - types anchor parts of anchor - GPS RACON RADAR - types of firewater making in the ships- NBCD organization and structure - Damage flooding.

Text Book

1. Cadet's hand book published by the Directorate General, National Cadet Corps, Ministry of Defence, R. K. Puram, New Delhi 110022, 2008.

Semester VI
17UEC630214

L P C
7 - 4

HISTORY OF ECONOMIC THOUGHT-II

Course Outcome

- * Gain knowledge of the origin and development of economic ideas.
- * Understand the differences in the main focus of economic ideas.
- * Understand the influence of socio-political reality in shaping the economic ideas.
- * Understand the life and commitment of the economists.
- * Gain confidence in evaluating economic ideas.
- * Understand the government policies from the perspectives of different economic ideas.

Unit-I: Marginalists (18 Hours)

Marginalism: Meaning, Characteristics and Economic Ideas - Jevons, Karl Menger, Walras and Alfred Marshall: role of time elements in price determination, economic methods, consumer's surplus, elasticities, prime and supplementary costs, representative firm, external and internal economies, quasi-rent, organization as a factor of production, nature of profits.

Unit-II: Institutional Schools (18 Hours)

Institutional school: Main characteristics, the Economic ideas of Veblen - Gunnar Myrdal and J.K. Galbraith.

Unit-III: Innovations and Imperfections (18 Hours)

Economic ideas of J.A. Schumpeter: Role of entrepreneur and innovations, Mrs. Joan Robinson: Imperfect Market and C.A. Chamberlin: Monopolistic Competition.

Unit-IV: Keynesian Ideas (18 Hours)

Economic ideas of Keynes: Aggregate economy, Liquidity Preference Theory and Liquidity Trap, Marginal Efficiency of Capital and Marginal Efficiency of Investment, wage rigidities, underemployment equilibrium- Role of fiscal policy: deficit spending and public works, multiplier principle, cyclical behaviour of the economy, uncertainty and role of expectations, impetus to economic modeling.

Unit-V: Indian Economic Thought (18 Hours)

Early economic ideas: Arthasasthra, Valluvar; Modern economic ideas: Naoroji, Ranade, R.C. Dutt, M.N. Roy and Gandhi- Village, Swadeshi, place

of machine and labour, cottage industries, trusteeship and Nehru: Early approaches to planning (The National Planning Committee).

Textbook

1. Loganathan, V., *A History of Economic Thought*, S. Chand and Company, New Delhi, 1987.
2. Schumpeter, J.A., *A History of Economic Analysis*, OUP, New York, 1954.

Books for Reference

1. Blackhouse, R., *A History of Modern Economic Analysis*, Basil Blackwell, Oxford 1985.
2. Ganguli, B.N., *Indian Economic Thought: A 19th Century Perspective*, McGraw Hill, New Delhi, 1977.
3. Gide, C. and Rist, G., *A History of Economic Doctrines*, George Harrop, London, 1956.
4. Grey, A. and Thomson, A.E., *The Development of Economic Doctrine*, Longman Group, London, 1980.
5. Roll, E., *A History of Economic Thought*, Faber, London, 1973.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UEC630214	Title of the Paper Part-III: History of Economic Thought-II												Hours 7	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	2	3	4	3	2	4	2	4	4	3	3	3	2	3.00	
CO2	3	2	3	2	3	3	4	5	4	3	3	3	4	3.23	
CO3	2	3	3	2	3	5	3	4	3	2	3	4	3	3.08	
CO4	3	4	3	2	4	3	5	4	3	5	3	4	4	3.62	
CO5	4	1	2	4	5	5	2	2	4	4	4	4	3	3.38	
CO6	4	4	3	2	4	2	4	4	3	5	4	3	4	3.54	
Mean Overall Score														3.31	

Result: The Score for this Course is 3.31 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UEC630215

L P C
6 - 4

PUBLIC FINANCE

Course Outcome

- * To know the methods of raising public revenue.
- * To know about the principles of taxation.
- * To learn the difference between avoiding and evading tax.
- * To know the types of public expenditure.
- * To learn the contents of budgeting.
- * To understand the reasons for growing public expenditure in India.

Unit-I: Nature and Scope of Public Finance (18 hr)

Meaning, Scope and importance of public finance - Normative and positive approach- Role of state on economic activities - comparison of public and private finance.

Unit-II: Concepts of Public Revenue, Expenditure and Debt (18 hr)

Revenue: Meaning, source, tax and non-tax, revenues and importance; Public Expenditure – meaning scope, classification, effects and importance; Public Debt – meaning, classification and reasons for the growth.

Unit-III: Taxation (18 hr)

Meaning, characteristics, objectives, cannons and kinds of tax; impact, shifting, incidence, evasion and effects of taxation; major taxes – expenditure tax, commodity tax, VAT, GST, wealth tax and agricultural tax.

Unit-IV: Budget (18 hr)

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 and objectives.

Unit-IV: Fiscal Federalism (18 hr)

Meaning and importance of federalism- Principles of Federal Finance-Centre-state Financial relations- Recent Finance Commission.

Textbook

1. Tyagi. B.P, Public Finance, Jai Prakash Nath, Meerat, 2012.
2. Maria John Kennedy M. Public Finance, PHI Learning Pvt. Ltd, New Delhi, 2012

Books for Reference:

1. H.L.Bhatia, Public Finance, Vikas, New Delhi, 1999.
2. Musgrave and Musgrave, Public Finance in Theory and Practice, Mc Graw Hill, New Delhi, 1984.
3. Agarwal, R.P, Public Finance, Lakshmi Narain, Agra.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UECG30215	Title of the Paper Part-III: Public Finance												Hours 6	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	2	1	1	3	3	3	4	4	4	4	4	4	3	3.08	
CO2	4	3	4	4	3	4	5	3	4	5	3	5	4	3.92	
CO3	2	1	3	3	3	3	3	2	4	3	4	3	5	3.00	
CO4	2	1	3	3	2	5	4	5	3	4	3	4	4	3.31	
CO5	4	4	3	3	2	2	1	3	5	2	2	3	5	3.00	
CO6	1	2	2	4	3	4	3	4	2	3	4	4	3	3.00	
Mean Overall Score														3.21	

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Result: The Score for this Course is 3.21 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UEC630216

L P C
7 - 4

INTERNATIONALECONOMICS

Course Outcome

- * Enable the students to understand the role of international economics in the development of our economy
- * Compare the different theories of international economics
- * Familiarize with the policies of international economic relations
- * Gives the knowledge on the principles that govern the free flow of goods and services at the global level
- * Provides idea on recent changes in the export and import policies of India
- * Acquaint with the functions of various international economic institutions

Unit-I: Concept of International Trade and Classical Theories (18 hr)

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 (18 hr)

Heckscher-Ohlin Theory of International Trade - Haberler's opportunity cost version of comparative cost theory – Marshall-Edgeworth offer curves -- Gains from international trade - The terms of trade.

Unit-III: Exchange Rate (18 hr)

Exchange Rate: Definition- Types of Exchange Rate- Fixed Vs Flexible Exchange Rate Policy - Theories of Foreign Exchange Rate: The Mint-Parity Theory - The Purchasing Power Parity Theory – BOP Theory.

Unit-IV: Balance of Trade and Balance of Payment (18 hr)

BOT - BOP - Current Account, Capital Account - Visible and Invisible - Causes for disequilibrium in Balance of Payments – Methods of correcting the disequilibrium - Devaluation of Currency – Convertibility of Currency: Partial Account and Full Account.

Unit-V: Commercial Policies & International Economic Relations(18 hr)

Free Trade - Protection - Tariffs - Quotas - International Economic Institutions: IMF, IBRD, WTO & UNCTAD - Trade Blocs: EEC, OPEC, SAARC & ASEAN.

Textbook

1. Mithani. D, *International Economics*, Himalaya, Mumbai, 1993.

Books for Reference

1. Soderston B, *International Economics*, Macmillan, London, 2002.
2. Jhingan. M.L, *International Economics*, Vrindha, New Delhi 2003.
3. Rana & Verma, *International Economics*, Asian, New Delhi.

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Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UEC630216	Title of the Paper Part-III: International Economics										Hours 7	Credits 4	
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	4	3	4	3	4	5	3	3	5	5	3	3	4	3.77
CO2	3	2	3	1	2	4	3	3	4	4	4	3	5	3.15
CO3	3	3	2	2	2	4	3	3	4	3	3	4	3	3.00
CO4	3	3	3	3	4	4	4	3	4	3	4	3	4	3.46
CO5	2	2	4	2	3	3	2	3	5	3	2	3	3	2.85
CO6	3	4	3	2	3	4	4	3	4	3	3	4	4	3.38
Mean Overall Score														3.26

Result: The Score for this Course is 3.26 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UEC630303

L P C
4 - 4

Core Elective (WS): ENVIRONMENTAL ECONOMICS

Course Outcome

- * To understand the basics of environmental and energy economics
- * To make them aware of environmental and energy issues
- * To know the Environmental impact on economic development
- * To know the importance of Energy Economics
- * To get to know the causes of Industrial pollution
- * To know the details of Environmental policies in India

Unit-I: Introduction to Environmental Economics (12 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: Conservation of Natural Resources (12 hours)

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

Unit-III: Energy Economics (12 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 (12 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 (12 hours)

Industrial pollution – Trade related environmental issues- Environmental Law- Air Act, Water Act, Pollution Control-Environmental Protection Act 1986 - Energy policies in India.

Textbook

1. Sankaran , Environmental Economics, Sterling, New Delhi, 2008.

Books for Reference

1. Dhulasi Birundha Varadarajan, Energy Economics, Sterling, New Delhi, 1993.
2. Karpagam, M., Environmental Economics, Sterling, New Delhi, 1999.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UEC630303	Title of the Paper Part-III: Environmental Economics												Hours 4	Credits 4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	3	4	3	2	5	3	3	5	5	3	3	4	3.615	
CO2	3	2	3	1	2	4	3	3	4	4	4	3	3	3.000	
CO3	3	3	2	2	2	4	3	3	4	3	3	4	3	3.000	
CO4	3	3	2	3	4	4	4	3	4	3	4	3	4	3.385	
CO5	2	2	2	2	3	3	2	3	5	3	2	3	3	2.692	
CO6	3	4	3	2	3	4	4	3	4	3	3	4	4	3.385	
Mean Overall Score														3,179	

Result: The Score for this Course is 3.17 (High Relationship)

Note:

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UCO630303A

L P C
4 - 4

Core Elective (WS): RETAIL MANAGEMENT

Course Outcomes:

After completing this course, the students will be able to:

1. Know various forms of retailing business techniques in India.
2. Gain knowledge on the store location, practical analysis of site and trading.
3. Acquire in depth knowledge of inventory management.
4. Appreciate critical elements of retail stores operations.
5. Equip with skills critical for Physical distribution and store keeping strategies.
6. Equip with Entrepreneurial and research oriented skills required to establish and run retail stores.

Unit-I

(12 hours)

Retailing - Meaning - Definition - Characteristics - evolution of retailing in India - retailing principles - retail sales objectives - retailing in India - across the globe - reasons for retail growth - emerging trends in retailing - retail formats - store based; non-store based - traditional and non-traditional retailing - internet retailing - cyber retailing.

Unit-II

(12hours)

Store location - importance - selection of loyalty - site analysis -trading analysis - demand and supply density - site availability - trends in store location - retail marketing segmentation - significance - market segmentation process - key retail segments.

Unit-III

(12 hours)

Inventory - reasons for holding inventory - methods of inventory control - selective inventory management - EOQ model - ABC analysis-VED analysis-FSN analysis - HML analysis-inventory costs- material handling –latest development in inventory management.

Unit-IV

(12 hours)

Retail store operations- elements of retail store operations management of retail store- the role of centralized retailer - an integrated retailing approach - operations master schedule - store maintenance- energy management - retailing success tips.

Unit-V (12 hours)
 Distribution management - distribution channel - functions of a distribution channel - channel levels - elements of physical distribution -wholesaling - classification and characteristics - warehousing - need -benefits - functions- features and classifications of warehousing.

Textbook

1. Dr. Harjit Singh, (2014), Retail Management - A Global Perspective, Text and Cases, S.Chand & Company Ltd., New Delhi

Books for Reference

1. Gibson G Vedamani, (2011), Retail Management:- Functional Principles and Practices, Jaico Publishing House, New Delhi.
2. Gourav Ghosal, (2010), Retail Management, Maxford Books PublishingHouse, New Delhi.
3. Dr. L. Natarajan (2016), Retail Management, Margham Publications, Chennai.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UC0630303A	Title of the Paper RETAIL MANAGEMENT										Hr	Cr
Course Outcomes (COs)	Programme Outcomes (POs)										Mean Score of COs		
	Programme Specific Outcomes (PSOs)										Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	5	5	4	5	5	5	5	5	5	5	5	5	5
CO2	5	5	4	5	4	5	5	5	5	5	4	5	5
CO3	5	4	4	5	5	5	5	5	5	4	4	5	5
CO4	5	5	4	5	5	5	5	5	5	5	4	5	5
CO5	5	5	5	5	5	5	5	5	5	5	5	5	4
CO6	5	5	5	5	5	5	5	4	5	5	5	5	5
Mean Overall Score													4.8

Result: The Score for this Course is 4.8 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UCO630303B

L P C
4 - 4

Core Elective (WS): PRINCIPLES OF EVENT MANAGEMENT

Course Outcomes:

After completing this course, the students will be able to:

1. Understand the importance of event management as a managerial skill.
2. Identify event management procedure.
3. Learn the nuts and bolts of conducting an event.
4. Appreciate the significances of Public Relation in event management.
5. Plan and execute various corporate events.
6. Write a detailed report on corporate events

Unit-I (12 hours)

Event- Meaning- Why Event Management- Analysis of Event, Scope of Event, Decision Makers. Event Manager Technical Staff- Establishing of Policies & Procedure- Developing Record Keeping Systems.

Unit-I (12 hours)

Principles for holding an Event, General Details, Permissions- Policies, Government and Local Authorities, Phonographic Performance License, Utilities- Five Bridge Ambulance Catering, Electricity, Water Taxes Applicable.

Unit-I (12 hours)

Preparing a Planning Schedule, Organizing Tables, Assigning Responsibility, Communication and Budget of Event- Checklist, Computer aided Event Management- Roles & Responsibilities of Event Managers for Different Events.

Unit-I (12 hours)

Introductions to Public Relations- Concept- Nature- Importance- Limitations- Media- Types of Media- Media Management, Public Relation Strategy & Planning. Brain Storming Sessions- Writings for Public Relations.

Unit-I (12 hours)

Planning of Corporate Event, Job Responsibility of Corporate Events Organizer, Arrangements, Budgeting, Safety of Guests and Participants, Creating Blue Print, Need for Entertainment in Corporate Events And Reporting.

Skill Development

1. Preparation of Event Plan for Association meetings, Parent teacher meetings, and other events
2. Preparing Budget for conduct of National level intercollegiate sports events.
3. Preparation of Event Plan for College day Celebrations
4. Preparation of Plan, Budget and Conducting COM CARNIVAL.

Textbook

1. Mark Sonder (2006), Event Entertainment and production, Wiley; 1 edition

Books for References

1. Laura Capell (2013), Event Management for Dummies, ,
2. Susan Friedmann (2013), Meeting and Event Planning for Dummies,
3. Corporate Event Production, David Clement (2015), Entertainment Technology Press Ltd, Cambridge.
4. Savita Mohan (2012), Event Management and Public Relation, Enkay Publishing House.
5. Shannon Kikenny (2001), A Complete guide to Successful Event Planning, Indra Publishing House.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UCO630303B	Title of the Paper PRINCIPLES OF EVENT MANAGEMENT													Hr 4	Cr 3
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs		
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
CO1	5	4	3	4	5	3	4	4	5	4	4	5	4	4.15		
CO2	5	4	3	4	4	3	4	4	5	3	4	5	4	4.00		
CO3	5	4	3	4	4	3	4	4	5	3	4	5	4	4.00		
CO4	5	4	3	4	4	3	4	4	5	4	4	5	4	4.07		
CO5	5	4	3	4	4	3	4	4	5	3	4	5	4	4.00		
CO6	5	4	3	4	4	3	4	4	5	4	4	5	4	4.07		
Mean Overall Score														4.05		

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Result: The Score for this Course is 4.0 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	Very poor	Poor	Moderate	High	Very High

Values Scaling:

Mean Score of COs =	$\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs =	$\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UEC640602

L P C
2 - 2

**Skill Based Elective (WS):
PRACTICAL INSURANCE**

Course Outcomes:

1. This course intends to provide a basic understanding of the insurance mechanism.
2. To know the basic concepts and types of insurance.
3. To acquire the practical knowledge about the insurance companies.
4. To know the practical applications of insurance like premium, surrender and loan availability.
5. To understand the policy conditions of insurance companies.
6. To disseminate knowledge among the students and inculcate theoretical structure about insurance companies.

Unit-I: Nature and Importance of Insurance (6 hr)

Definition - Evolution - Primary and Secondary Functions - -Characteristics - Importance to Individual, Business and Society.

Unit-II: Insurance Contract and Risk Management (6 hr)

Meaning of Contract - Insurable Interest - Utmost Good Faith - Principle of Indemnity and other Principles - Risk Management: Definition and Types - Management of Risk through Identification analysis and control.

Unit-III: Personal Life Insurance and Industrial Life Insurance (6 hr)

Features of Life Insurance - Proximate Cause - Assignment and Nomination - Rate of Premium - Endowment Policies - Accident Benefit - Disability Benefits - Industrial Life Insurance: Purpose - Group Life Insurance - Benefits.

Unit-IV: Marine and Fire Insurance (6 hr)

Marine Insurance: Nature - Procedures - Exceptions - Types - Premium Calculation and payment of Claims - Fire Insurance: Definition – Elements in Insurance - Contract - Policy Conditions - Rate Fixation - Payment of Claims.

Unit-V: Practical Insurance (6 hr)

Premium calculation through table reading- surrender value estimation- Estimation of Loan availability- Practical applications of Insurance.

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Textbook

1. Mishra M.N, *Insurance: Principles & Practices*, S. Chand, New Delhi, 2005.

Books for Reference

1. Srivatsava D.C & Shashank Srivastava, *Indian Insurance Industries Transition & Prospect*, New Century, New Delhi, 2001.
2. Holyoake, Julia & William Weipers, *Insurance*, AITBS Publications, New Delhi, 2002.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester V1	Course Code 17UEC640602	Title of the Paper PRACTICAL INSURANCE												Hours 2	Credits 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	3	5	4	3	4	5	3	5	4	5	4	3	4.00	
CO2	3	4	5	3	4	4	3	3	4	4	4	3	4	3.69	
CO3	5	5	4	4	3	3	4	4	2	3	4	5	3	3.76	
CO4	4	5	3	4	4	5	3	4	3	5	4	4	4	4.00	
CO5	3	4	4	3	4	3	4	4	4	3	4	5	5	3.84	
CO6	4	3	4	4	3	5	4	4	4	4	3	4	4	3.84	
Mean Overall Score														3.85	

Result: The Score for this Course is 3.85 (High Relationship)

Note:

Mapping Scale	1-20% 1	21-40% 2	41-60% 3	61-80% 4	81-100% 5
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UCO640602A

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2	-	2

Skill Based Elective (Within School):
BASIC ACCOUNTING PRACTICES

Course Outcomes:

After completing this course, the student will be able to ...

1. Understand basic principles of Accounting
2. Identify accounts and apply golden rules for the financial transactions.
3. Pass journal entries and post them in ledger
4. Prepare subsidiary books
5. Prepare trial balances
6. Prepare Final accounts and balance sheet

Unit-I (5 Hours)

Accounting Definition – Meaning – Objective – Types of Accounts – Golden Rules.

Skill tested : Identification of accounts in transactions and application of golden rules.

Unit-II (7 Hours)

Journal – Recording in Journal – Ledger – Posting in Ledger (Simple Sums).

Skill tested: Passing Journal entries and post the same in ledger

Unit-III (7 Hours)

Subsidiary books – Cash Book – Petty Cash Book – Purchase Book – Sales Book – Purchase return book – Sales Return Book.

Skill tested: Preparation of Subsidiary books.

Unit-IV (4 Hours)

Trial balance – Meaning – Methods and types – Preparation of Trial Balance.

Skill tested: Preparation of Trial Balance for given balances of various accounts

Unit-V (7 Hours)

Final Accounts – Trading Account profit and Loss Accounts – Balance Sheet (Simple Problems).

Skill tested: Preparation of Final accounts and Balance sheet without adjustments.

Textbook

1. Reddy TS and Murthy (2011) , Financial Accounting, Margham Publications, Chennai..

Books for References

1. R.L. Gupta & M. Radhaswamy (2014), Financial Accounting, Sultan Chand & Sons, New Delhi.
2. Reddy TS and Hari Prasad Reddy Y (2008) , Financial and Management Accounting, Margham Publications, Chennai..

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UCO640602A	Title of the Paper BASIC ACCOUNTING PRACTICES												Hr 2	Cr 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)								Mean Score of COs	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
CO2	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
CO3	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
CO4	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
CO5	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
CO6	5	4	3	5	4	3	4	2	5	2	3	4	4	3.69	
Mean Overall Score														3.69	

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Result: The Score for this Course is 3.6 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Semester VI
17UCO640602B

L P C
2 - 2

Skill Based Elective-2 (WS): PRACTICAL ADVERTISING

Course Outcomes:

1. Have the basic knowledge in various concepts of advertising.
2. Acquaint with the modern methods and avenues of Advertising.
3. Aware of various media of Advertising and their significances.
4. Possess the skills required for creating an advertisement copy.
5. Gain exposure in various Emotional appeals of advertising and its Importance.
6. Know the significance of portraying advertisement slogans with captions.

Unit-I (6 hours)

Advertising - Meaning - Definitions - Origin - Growth - Development - Objectives - Nature - Scope - Functions - Primary and secondary functions - AIDA model.

Unit-II (6 hours)

Advertising - Role - Importance - Benefits - Demerits - Legal regulations - Limitations - Truth in advertising - Ethics in advertising - Role of Advertising standards Council of India.

Unit-III (6 hours)

Media selection - Factors influencing media selection - different types of Media - Press - Television - Radio - FM Radio - Internet - Merits - Demerits.

Unit-IV (6 hours)

Advertisement copy - Meaning - Essentials of a good advertising copy - Types of Advertisement copy - components of Advertisement copy- Advertisement layout.

Unit-V (6 hours)

Advertising appeals - meaning - Definition - Functions - Classifications - Principals. Skills tested: Brand awareness, advertisement slogan awareness, understanding concepts, Creating Advertisement slogans, evaluating contents of advertisements in different media through AIDA model, knowledge of advertisement copy and Creating advertisement copy

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Textbook

1. Mahendra Mohan, (2006) Advertising Management, Tata McGraw Hill Publishing Co. Ltd., New Delhi.

Books for Reference

1. Pillai & Bhagavathi (2000), Salesmanship, S. Chand & Co., New Delhi.
2. P. Saravanel (2013), Advertiesment & Salesmanship, Margham Publication, Chennai.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester VI	Course Code 17UC0640602B	Title of the Paper PRACTICAL ADVERTISING										Hr 2	Cr 2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)							
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	5	5	5	5	5	5	5	5	5	5	5	5	5
CO2	5	5	5	5	5	5	5	5	5	5	5	5	5
CO3	5	5	5	5	5	5	5	5	5	5	5	5	5
CO4	5	5	5	5	5	5	5	5	5	5	5	5	5
CO5	5	5	5	5	5	5	5	5	5	5	5	5	5
CO6	5	5	5	5	5	5	5	5	5	5	5	5	5
Mean Overall Score													5

Result: The Score for this Course is 5.0 (Very High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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Notes

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