



HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University
Nationally Accredited (3rd Cycle) with 'A' Grade by NAAC
College with Potential for Excellence.
Tiruchirapalli - 620002.

CHOICE BASED CREDIT SYSTEM PG AND RESEARCH DEPARTMENT OF ECONOMICS

Programme: B.A. Economics

PO No.	Programme Outcomes <i>Upon completion of the B.A. Degree Programme, the graduate will be able to</i>
PO-1	Recall the fundamental concepts of Economics and the theoretical aspects of Economics
PO-2	Analyze the economic behavior of human beings
PO-3	Perform quantitative analysis of Economic variables using tools appropriate for the study
PO-4	Demonstrate an understanding of the basic functioning of the national and global economy
PO-5	Apply economic theories and methodologies in analyzing economic issues at the local, national and global level
PO-6	Deduce reasonable predictions about possible economic outcomes based upon economic conditions and economic theories

PSO No.	Programme Specific Outcomes <i>Upon completion of these courses the student would</i>
PSO-1	Be able to apply the principles of economics in managerial decision making.
PSO-2	Be able to understand the functioning of an economy and evaluate economic models to solve existing economic problems
PSO-3	Be able to understand the process of financial administration of a country and the role of fiscal and monetary policies in regulating the economy.
PSO-4	Be able to understand the process of trade between countries and within a country and identify the issues in industrial relation.
PSO-5	Be able to identify the issues in the agricultural sector and industrial sector and demographic issues of the economy and suggest policy measures to overcome the issues.
PSO-6	Be able to analyze economic data using appropriate statistical, mathematical and econometric tools and computer software techniques.
PSO-7	Be able to acquire the entrepreneurial skills including communication skills and become successful entrepreneurs.

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS)TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
SYLLABI FOR B.A.ECONOMICS

Semester I						
Part	Course	Title of the course	Code	Hrs/Wk	Credits	Marks
I	Language	Tamil Paper I/Hindi Paper I/ French Paper I	U15TL1TAM01/ U18HN1HIN01/ U16FR1FRE01	5	3	100
II	English	English Paper I	U15EL1GEN01	6	3	100
III	Major Core-1	Micro Economic Analysis – I	U18EC1MCT01	5	5	100
	Major Core - 2	Macro Economics - I	U18EC1MCT02	5	5	100
	Allied -1 (Compulsory)	Statistics for Business Management-I	U18EC1ACT01	4	4	100
	Allied -2 (Compulsory)	Business Economics –B.Com.	U18EC1ACT02	4	3	100
	Value Education	Ethics/ Catechism / Bible studies	U15VE2LVE01/ U15VE2LVC01/ U15VE2LVBO1	1	-	-
Total				30	23	600
Semester II						
I	Language	Tamil Paper II/Hindi Paper II/ French Paper II	U15TL2TAM02/ U19HN2HIN02/ U16FR2FRE02	5	3	100
II	English	English Paper II	U15EL2GEN02	6	3	100
III	Major Core- 3	Micro Economic Analysis –II	U18EC2MCT03	6	5	100
	MajorCore-4	Macro Economics -II	U18EC2MCT04	5	5	100
	Allied 3 (Compulsory)	StatisticsforBusiness Management-II	U15EC2ACT03	4	3	100
IV	Skill Based Elective-1	Soft skill development	U18RE2SBT01	2	2	100
	Extension Activity	Service Oriented Course	Any one activity based on the student's choice	1		
	Value Education	Ethics/ Catechism / Bible studies	U15VE2LVE01/ U15VE2LVC01/ U15VE2LVBO1	1	1	100
	Internship/Field Work/Field Project 30 hours- Extra Credit		U18SP2ECC01		2	100
Total				30	24	800

Semester III						
Part	Course	Title of the course	Code	Hrs/Wk	Credits	Marks
I	Language	Tamil Paper III/Hindi Paper III/French Paper III	U15TL3TAM03/ U15FR3FRE03/ U18HN3HIN03	5	3	100
II	English	English	U15EL3GEN03	6	3	100
III	Major core – 5	Fiscal Economics - I	U18EC3MCT05	5	5	100
	Major core -6	Agricultural Economics	U18EC3MCT06	5	5	100
	Allied optional - 1	Mathematical Methods in Economics/Service Marketing	U18EC3AOT01 U18CO3AOT01	4	3	100
IV	Part-IV	Industrial Relation	U19EC3IRT01	1	-	-
	SBE - 2	Sustainable Rural Development & Student Social Responsibility	U18RE2SBT02	1	1	100
	SBE - 3	Computer Literacy in Economics	U19EC3SBT03	2	2	100
	Value Education	Ethics/ Catechism / Bible studies	U15VE2LVE02/ U15VE2LVC02/ U15VE2LVBO2	1	-	-
Total				30	23	800
Semester IV						
Part	Course	Title of the course	Code	Hrs/Wk	Credits	Marks
I	Language	Tamil Paper IV/Hindi Paper IV/French Paper IV	U15TL4TAM04/ U15FR4FRE04/ U18HN4HIN04	5	3	100
II	English	English	U15EL4GEN04	6	3	100
III	Major core – 7	Fiscal Economics - II	U18EC4MCT07	6	5	100
	Allied optional –2	Introduction to Econometrics/Labour Law	U18EC4ACT02 U18CO4AOT04	4	4	100
	Allied optional - 3	Demography/Consumer Behaviour	U18EC4ACT03 U18CO4AOT07	4	3	100
	SBE - 4	MOOC (Massive Open Online Course)	U19OC4SBT04	2	2	100
	SBE - 5	Entrepreneurship Development Programme	U18EC4SBT05	2	2	100
VI	Extension Activity	Service Oriented Course	Any one activity based on the student's choice	-	1	100
	Value Education	Ethics/ Catechism / Bible studies	U15VE2LVE01/ U15VE2LVC01/ U15VE2LVBO1	1	1	100
	Internship/Field Work/Field Project 30 hours- Extra Credit		U18SP2ECC01		2	100
Total				30	27	1000

Semester V						
Part	Course	Title of the course	Code	Hrs/Wk	Credits	Marks
III	Major Core – 8	Monetary Economics	U18EC5MCT08	6	6	100
	Major Core – 9	Labour Economics	U18EC5MCT09	5	5	100
	Major Core– 10	Managerial & Financial Economics	U18EC5MCT10	6	5	100
	Major Core – 11	International Economics	U18EC5MCT11	5	5	100
	Major Elective – 1	Development Economics/Business Environment	U18EC5MET01/ U18CO5MET01	4	3	100
IV	Value Education	Ethics/ Catechism / Bible Studies	U15VE4LVE03/ U15VE4LVC03/ U15VE4LVBO3	1	-	-
	NME - I	Front Office Management	U18EC5NMT01	2	2	100
		Environmental Studies		1	1	100
Total				30	27	700
Semester VI						
	Major Core – 12	Entrepreneurial development	U18EC6MCT12	5	5	3
	Major Core– 13	Industrial Economics	U18EC6MCT13	5	5	3
	Major Core– 14	History of Econom Retail Management ic Thought	U18EC6MCT14	5	5	3
	Major Elective-2	Indian Economy/International Financial Management	U18EC6MET02 U18CO6MET04	4	4	3
	Major Elective-3	Indian Public Finance/Incom tax Theory	U18EC6MET03 U18CO6MET05	5	5	3
	Skill-based Elective – 6	Research Methodology/	U18EC6SBT06/	2	2	2
IV	NME-2	Basics of Economics	U18EC6NMT02	2	2	-
	Value Education	Ethics/ Catechism / Bible Studies	U15VE2LVE03/ U15VE2LVC03/ U15VE2LVBO3	1	1	100
	Extension Activity	RESCAPES – Impact study of Project			1	100
		Gender Studies	U18GS6GST01	1	1	100
		Internship/Field Work/Field Project 30 hours- Extra Credit	U18SP2ECC01		2	100
Total				30	33	900
Grand Total				180	157	5000

HOLY CROSS COLLEGE (Autonomous), Tiruchirappalli - 620 002.

TAMIL DEPARTMENT

For Candidate admitted from 2015 onwards

First Year - Semester – I

Course Title	முதலாமாண்டு – முதற்பருவம்
Total Hours	90
Hours/Week	6 Hrs Wk
Code	U15TL1TAM01
Course Type	Theory
Credits	3
Marks	100

General Objectives:

தமிழ் இலக்கியப் பரப்பையும், பாரம்பரியத்தையும் அறிமுகப்படுத்துதல்.

- To find out the ways to handle the Tamil language effectively and productively.
- To introduce the tradition and the grammar of Tamil language.
- To encourage the creatively development.
- Creating curiosity to make life according to high moral.
- Helping to create healthy thoughts among themselves.

Course Objectives:

CO No.	Course Objectives
CO-1	தமிழ் இலக்கியப் பரப்பையும், விழுமியங்களையும் அறிமுகப்படுத்துதல்.
CO-2	தமிழ் மொழியின் தொன்மை, தாய்மொழிப்பற்று, தன்னம்பிக்கை சூழல்களை எதிர்கொள்ளும் திறன் முதலியவற்றை அறிந்து கொள்வர்.
CO-3	கவிதையின் வாயிலாக அன்பு உணர்வினை வளர்க்கச் செய்தல்.
CO-4	கலைச்சொற்கள் வாயிலாக பிறமொழிச் சொற்களை ஆராயும் தன்மைப் பெறுவர்.
CO-5	படைப்பாற்றல் திறனை வளர்த்துக்கொள்வர்.

அலகு:1 செய்யுள்

1. பாரதியார் கவிதைகள் - தமிழ் கண்ணன் என் சேவகன்
2. பாரதிதாசன் கவிதைகள் - உலகம் உன்னுடையது
3. உமர்கய்யாம் - உமர்கய்யாம் பாடல்கள்
4. பட்டுக்கோட்டையார் - செய்யும் தொழிலே தெய்வம்

18 Hrs

5. ந. பிச்சமுர்த்தி – ஒளியின் அழைப்பு
 6. வைரமுத்து – ஐந்து பெரிது ஆறு சிறிது
 7. சிற்பி – ஒரு கிராமத்து நதி

key Words (Extra Reading)

1. ந. காமராசு கவிதைகள்
 2. தமிழன்பன் கவிதைகள்

அலகு:2 செய்யுள்

8. கல்யாணஜி -பேசும்பார் என் கிளி
 9. நிர்மலா சுரேஷ் -தைலச்சிமிழும் தச்சன் மகனும்
 10. இரா. மீனாட்சி -ஒரு கோதை
 11. விஜி -குரங்கு மனிதன்
 12. பா. சத்திய மோகன் -எங்கெங்கு காணினும்
 13. ஹைகூ கவிதைகள்

18Hrs

key Words (Extra Reading)

1. ந.முத்துக்குமார் கவிதைகள்
 2. செனட்ரியூ கவிதைகள்

அலகு:3

18Hrs

தமிழ் இலக்கிய வரலாறு
 தமிழாய்வுத்துறை வெளியீடு 20-ஆம் நூற்றாண்டு (தற்காலம்)

key Words (Extra Reading)

தமிழ் இலக்கிய வரலாறு -மு.வரதராசன்

அலகு:4

படைப்பிலக்கியம் - சிறுகதைத் தொகுப்பு(துறை வெளியீடு) **18Hrs**

அலகு:5

பொதுப்பகுதி - கலைச்சொற்கள் **18Hrs**

Note: Texts given in the Extra reading /Key words must be tested only through Assignment and Seminars.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	தமிழ் மொழியின் மேன்மை, தாய்மொழிப்பற்று,	PSO 1	U

	வாழ்வின் அனைத்து நிலைகளிலும் நிலைத்து நிற்கும் தன்மை, சுய ஒழுக்கம், ஒற்றுமை உணர்வு, நாட்டு வளர்ச்சிக்கான முன்னேற்றப் பாதை போன்றவற்றை திறனாய்வு செய்வர்.		
CO-2	கவிதையின் வாயிலாக இறைப்பற்று, இயற்கையைப் பாதுகாக்கும் உணர்வு, சமூகம் பெண்ணுக்கு இழைக்கும் அநீதியை எதிர்த்துப் போராடும் மனநிலை முதலியவற்றை மதிப்பிடுவர்.	PSO 2	E
CO-3	தற்காலத் தமிழ் இலக்கியங்களின் வழி மாணவர்கள் தங்கள் படைப்பாற்றல் திறனை வளர்த்துக்கொள்வர்.	PSO 2	AN
CO-4	பல்வேறு சிறுகதைகளின் வழியாக மனித உரிமைகளை வலியுறுத்தி மனிதநேயத்தை மீட்டெடுக்கும், விழிப்புணர்வினைப் பெறுவர்.	PSO 3	AP
CO-5	துறைச் சார்ந்த கலைச்சொற்களை மாணவர்களுக்கு அறிமுகப்படுத்துவதோடு ஆங்கிலச்சொல்லுக்கு நிகரான தமிழ்ச் சொல்லையும் கற்று இருமொழிப் புலமை பெறுவர்.	PSO 4	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;

பார்வை நூல்கள்

பாட நூல்கள்

- செய்யுள் - தமிழாய்வுத்துறை வுத்துறை வெளியீடு
- தமிழ் இலக்கிய வரலாறு - தமிழாய்வுத்துறை வெளியீடு
- சிறுகதைத் தொகுப்பு - தமிழாய்வுத்துறை வெளியீடு
- கலைச்சொற்கள் - தமிழாய்வுத்துறை வெளியீடு

For candidates admitted 2016 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 2
DEPARTMENT OF FRENCH
SEMESTER I

Course Title	PART I – LANGUAGE - FRENCH PAPER I (GRAMMAR & CIVILISATION (ÉCHO A1 2 ^e édition)
Total Hours	90
Hours/Week	6Hrs/Wk
Code	U16FR1FRE01
Course Type	Theory
Credits	3
Marks	100

General Objective: To enable the students to learn the fundamentals of French Grammar and Cultural aspects of France.

Course Objectives(CO):

The learner will be able to

CO1	remember alphabets, numbers, nationalities and professions; understand the term Francophone, a brief introduction of France and oneself.
CO2	remember and understand verb conjugation and articles and apply the same in first contact
CO3	remember the pronouns placed after prepositions; analyse and evaluate leisure time activities in France and across the world.
CO4	apply past tense in writing personal diaries; comparison and adjectives in sketching travel journals
CO5	understand the usage of articles and inversion in interrogation and analyse the food habit of the French.

Unit 1 Parcours d’initiation ;Vous comprenez (15Hours)

La différence entre le prénom et le nom, les nationalités, les nombres, les professions

La présentation, le genre et le nombre d’un nom, l’interrogation et la négation – l’identité, les lieux de la ville, les mots du savoir-vivre – saluer, remercier – l’espace francophone.

Extra Reading (Key Words) : La carte de la France et La carte du monde francophone

Unit 2 Autravail! (15Hours)

La conjugaison des verbes du 1^{er} groupe, des accords, les articles – l’état civil, des personnes et des objets caractéristiques d’un pays – exprimer ses goûts – première approche de la société française.

Extra Reading (Key Words) : Fiches de renseignement de ses parents

Unit 3 On se détend! (15Hours)

La conjugaison des verbes irréguliers, le futur proche, les pronoms après une préposition – les loisirs – proposer, accepter, refuser, demander une explication – première approche de l’espace de France, repérages de quelques lieux de loisirs

Extra Reading (Key Words): Lieux de loisirs que l'étudiant apprécie

Unit 4 Racontez-moi ! ; Bonvoyage!

(30Hours)

Le passé composé, la date et l'heure – les moments de la journée, de l'année, les événements liés au temps – dire ce qu'on a fait – les rythmes de vie en France, des personnalités du monde francophone.

La comparaison, les adjectifs démonstratifs et possessifs – les voyages et les transports – négocier une activité, faire les recommandations – les transports en France

Extra Reading (Key Words):La vie des personnalités célèbres

Unit 5 Bonappétit!

(15Hours)

L'emploi des articles, la forme possessive – la nourriture, les repas, la fête – les situations pratiques à l'hôtel et au restaurant – les habitudes alimentaires en France.

Extra Reading (Key Words): Recette de la crêpe et des tartes

Course outcomes	Cognitive level
Introduce oneself to the class and classify Francophone countries in the world map.	Ap, E
Demonstrate regular verb conjugation	U, Ap
List out pronouns placed after prepositions	R, U
Survey leisure time activities in European countries	An
Develop personal diary	C
Outline the food habits of the French.	An

TEXT BOOKS :

ECHO A1 – METHODE DE FRANÇAIS & CAHIER PERSONNEL D'APPRENTISSAGE

Authors: J. Girardet and J. Pécheur Publication: CLÉ

INTERNATIONAL, 2013.

Books for Reference:

La Conjugaison – Nathan

French made easy – Beginners level - Goodwill Publishing House Je

parle français I –Abhay Publications

Le français avec des jeux et des activités - ELI Langue

et la civilisation – I – Mauger Bleu

Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

(For the candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-620002
DEPARTMENT OF HINDI
SEMESTER – I

Course Title	PART – I LANGUAGE HINDI – I PROSE, SHORT STORY AND GRAMMAR –I
Total Hours	90
Hours/Week	6Hrs/Wk
Code	CODE: U18HN1HIN01
Course Type	Theory
Credits	3
Marks	100

General Objective : To enable the students to understand the importance of human values and patriotism

Course Objectives (CO):

The learner will be able to:

CO No.	Course Objectives
CO -1	Evaluate Self Confidence, Human values
CO- 2	Understand and analyze Gandhian Ideology
CO- 3	Understand Indian Culture, custom
CO- 4	Analyze communal Harmony and Unity in Diversity
CO- 5	Evaluate Friendship

UNIT – I **(18 Hours)**

1. Aatma Nirbharatha
2. Idgah
3. Sangya

Extra Reading (Key Words) : Takur ka kuvam, Bhuti Kaki

UNIT- II **(18 Hours)**

1. Mahatma Gandhi
2. Vusne Kaha Tha
3. Sarva Naam

Extra Reading (Key Words) : Chandradhar Sharma Guleri, Gandhian Ideology

UNIT- III **(18 Hours)**

1. Sabhyata Ka Rahasya
2. Karva Va Ka Vrat
3. Visheshan

Extra Reading (Key Words) : Sabhyata Aur Sanskriti, Yashpal ki Sampoorana khaniyan

UNIT- IV **(18 Hours)**

1. Bharat Ek Hai
2. Sharandhata

3. Kriya

Extra Reading (Key Words) : Ramante Tatra Deavata, Badala

UNIT- V

(18 Hours)

1. Mitrata
2. Vapasi
3. Ling Aur Vachan

Extra Reading (Key Words) : Acharya Ramachandra Shukla, Usha Priyamvadha ki kahaniyan

Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

Course Outcomes:

The learner will be able to:

CO No.	Course Outcomes	Cognitive Level
CO -1	Compare human values of present and past generations	E
CO- 2	Test for Gandhian Ideology in the literary works.	U, An
CO- 3	Interpret Indian Culture in a scientific manner	U
CO- 4	Assess casteless and classless India	An
CO- 5	Value the interests of one's friend.	E

CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyze; E- Evaluate; C- Create

Reference Books :

- GadyaSudha: Edt. Dr. M. SaleemBaig; RakaPrakashan; Ilahabad. U.P.
- Hindi GadyaPrabhakar:Edi. Dr.Hiranmay; ShikshaBharathi; Kashmiri Gate; Delhi .
- KahaniVividha;RajkamalPrakashan; Ilahabad.; New Delhi.
- Vyakaranpradeep; Dr. Ram Dev. M.A; LokBharathiPrakashan ;Illahabad

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS), Tiruchirapalli – 620002
PG AND RESEARCH DEPARTMENT OF ENGLISH
I YEAR UG – SEMESTER I
PART II – ENGLISH 1 - GENERAL ENGLISH I

HOURS : 6
CREDIT : 3

CODE : U15EL1GEN01
MARKS: 100

OBJECTIVES

- Students learn to use LSRW skills and advanced communication skills in the context required in their daily life.
- The students learn to analyze and express their self and their concern and responsibilities to the world around.
- The students learn how English is used in literary writing so as to imbibe the spirit of using the standard language for communication.

UNIT I - I, ME, MYSELF

Listening for specific information in instructions and directions

Speaking about oneself, family and friends, likes, dislikes, strengths, weaknesses, profession, talents, emotions, feelings, incidents, reactions, opinions, views, aim, vision.

Reading for comprehension of routine work.

Writing -Paragraph guided

Grammar- Articles, Prepositions, Punctuation

Vocabulary-Meanings, Synonyms, Antonyms

Composition –GuidedCreative writing

TEXTS

This is the Photograph of me by Margaret Atwood - Poem (**Internal Testing**)

1. *The Mayonnaise Jar*
2. *In Prison* by Jawaharlal Nehru (edited)
3. An extract from Shakespeare's *Othello* Act V Scene II

UNIT II -MY FAMILY AND FRIENDS

Listening to identify the persons/ places/ things from descriptions

Speaking -Describing incidents, favorite places, traits of a person, analyzing the nature of a person.

Reading to get specific information and to analyze characters

Writing -Letters (personal),paragraphs-family profile and history

Grammar -adjectives and verbs

Vocabulary-synonyms and antonyms in context

Composition - Guided paragraph

TEXTS

Night of the Scorpion by Nissim Ezekiel - Poem (**Internal Testing**)

1. *The Old Folks at Home* by Alphonse Daudet (edited)
2. *Will you, Daddy?* (Story from Reader's Digest)
3. An extract from Shakespeare's *King Lear* Act I Scene I

UNIT III -THE WORLD AROUND ME

Listening To identify specific information

Speaking –Discussing and expressing opinions

Reading To infer meaning

Writing Descriptive and Diary writing

Grammar Uses of 'be' Verbs – subject verb concord

Vocabulary Coining new words with Prefix and suffix- converting one part of speech to another

Composition - Essay writing

TEXTS

Snake by D.H. Lawrence – Poem (**Internal Testing**)

1. *Floating Fantasy* by Vinu Abraham (Prose)
2. *Discovery* by Herman Ould (Play)
3. *A Handful of Dates* by Tayeb Salih (Short story)

UNIT IV - MY CONCERN AND RESPONSIBILITIES

Listening to short speeches and getting main concern- Global comprehension

Speaking Expressing opinions, concerns and responsibilities

Reading To detect one's perspective

Writing Debate and Dialogue

Grammar Sentence patterns (5 basic types)

Vocabulary Appropriate words in the context ,coinage of new words , use of phrases

Composition-Imaginative writing

TEXTS

I have a Dream by Martin Luther King Jr - (**Internal Testing**)

1. *What I have lived for?* by Bernard Russell
2. *Three days to see* by Helen Keller(edited)
3. An extract from Shakespeare's *The Merchant of Venice Act IV Scene I*

UNIT V - MY PROFESSIONAL WORLD

Listening to short profile to get details –global comprehension

Speaking Discussion on secrets of success learnt from success stories

Reading to infer meaning – to trace the development and analyze the ratio of development

Writing resume and E-mail writing

Grammar- Four Types of sentences

Vocabulary-Idioms and phrases- meaning

Composition – Formal and imaginative writing

TEXTS

Profile of a successful personality (**Internal Testing**)

1. Extract from a profile and an Interview of Indra Krishnamoorthy Nooyi
2. *The Verger* by Somerset Maugham
3. Profile of Bill Gates

PRESCRIBED BOOK:

English for Communication –PoGo publication Trichy

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2

DEPARTMENT OF ECONOMICS

(for candidates admitted from June 2018 onwards)

First Year - Semester – I

Course Title	Major Core 1 – Micro Economic Analysis - I
Total Hours	75
Hours/Week	5 Hrs
Code	U18EC1MCT01
Course Type	Theory
Credits	5
Marks	100

General Objectives:

To enable the students to relate their day to day experience to the principles of economics.

Course Objectives:

CO No.	Course Objectives
CO-1	Remember, understand the definitions and methodology of micro economics.
CO-2	Understand the different types of elasticity of demand.
CO-3	Remember and understand the concept of consumer satisfaction through ordinal utility analysis.
CO-4	Understand the Theory of Production.
CO-5	Understand the different types of Costs and Revenues.

UNIT I- Scope and Methodology of Micro Economics

15 Hrs

- Definition of Economics – Adam Smith – Marshall – Robbins – Samuelson – Merits and Demerits – Positive and Normative Science, Micro Economics – its Importance and limitations.
- Methodology (Static and Dynamic analysis)
- Methods of Economic Analysis (Deductive and Inductive Method)

Extra Reading / Key Words: Growth Definition

UNIT II - Cardinal Utility Analysis

15 Hrs

- Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility –
- Law of Demand – General weaknesses of the utility analysis – Law of Supply.
- Elasticity of demand, meaning and factors influencing elasticity of demand – types (Price, income and cross elasticity of demand)
- Elasticity of Supply - usefulness of the concept in various fields of economic activity.

Extra Reading / Key Words: Mathematical application of Elasticity of demand

UNIT III- Ordinal Utility Analysis

15 Hrs

- Indifference Curve Technique – Principle of DMRS – Features of Indifference curve
- Consumer’s equilibrium- Shifts in consumer’s equilibrium
- Income Effect and ICC’s, Substitution Effect and Price Effect and PCC’s-

Extra Reading / Key Words: Application of indifference curve

UNIT IV- Theory of Production

15 Hrs

- Production Function - Iso-quant curves, Equal Product Curves, The Principle of DMRTS - Producer’s Equilibrium.
- Theories of Production – Law of returns - Law of Diminishing Returns -Law of Increasing Returns - Law of Constant Returns.
- Law of Variable Proportions- Law of Returns to Scale.

Extra Reading / Key Words: Edge – worth box diagram

UNIT V -Cost and Revenue Concepts

15 Hrs

- Concept of Costs-Behaviour of Cost, Short- Run and Long- Run Cost, Reasons for the ‘U’ shaped SAC -Derivation of LAC and LMC-Opportunity Cost.
- Revenue Concepts-Total Revenue, Average Revenue, Marginal Revenue, relationship between AR and MR.
- Time Element Theory of Alfred Marshal

Extra Reading / Key Word: Mathematical calculation of costs and revenues

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall the various definitions and methodology of economics.	PSO 1	R
CO-2	Describe the Law of Equi -Marginal Utility.	PSO 2	R
CO-3	Discuss the Elasticity of Supply and Elasticity of Demand.	PSO 2	U
CO-4	List out the Features of Indifference curve.	PSO 3	R
CO-5	Describe the Consumer’s equilibrium and Shifts in consumer’s equilibrium.	PSO 4	U
CO-6	List out the Principle of DMRTS.	PSO 4	U
CO-7	Describe the Law of Variable Proportions.	PSO 5	R
CO-8	Discuss the Time Element Theory of Alfred Marshal.	PSO 5	U

**PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;
An – Analyse; E- Evaluate; C – Create**

References

PRESCRIBED TEXT BOOK

John Kennedy M. (2009), Micro Economics, Himalaya Publishing House, Mumbai.

BOOKS FOR REFERENCE

- Ahuja, H.L.(1996),Principles of MicroEconomics – A New Look at Economic Theory, S.Chand and Company LTD, NewDelhi.
- Bright Singh, D. (1984),Micro Economics,(4th Edition)Emerald Publishers,Madras.
- Chopra, P.N. (1997),Pricing Distribution and Welfare, KalyaniPublishers,Delhi.
- Jhingan M.L,(1986),Micro Economic Theory, Konark Publishers PVT, Ltd, NewDelhi.
- Joshi ,J.M.and Rajendra Joshi.(1997), Micro Economic Theory, Himalaya Publishing House,Delhi.
- Koutsoyiannis,(1975), Modern Micro Economics,The Macmillan Press,London.
- Sundharam, K.P.M .and E.N. Sundharam,(1996),Micro Economics, S.Chand and Sons, Educational Publishers, NewDelhi.

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
 (for candidates admitted from June 2018 onwards)

First Year - Semester – I

Course Title	Major Core 2 – Macro Economics-I
Total Hours	75
Hours/Week	5 Hrs
Code	U18EC1MCT02
Course Type	Theory
Credits	5
Marks	100

General Objectives: To make the students aware of the basic theoretical framework underlying the field of macro economics.

Course Objectives:

CO No.	Course Objectives
CO-1	Remember, understand the concept of macro economics.
CO-2	Remember Keynes theory of employment with their output
CO-3	Understand the different types of investment.
CO-4	understand the relationship between IS & LM with the inflation rate
CO-5	Describe the different phases of business cycle.

Unit-I Introduction to Macro Economics and National Income Accounting 15Hrs

- a. Concepts in Macro Economics, scope of macro economics, static and dynamic analysis
- b. Circular flow of income in two sector economy, three sector economy and four sector economy
- c. Concepts of NI, GNP, NNP, PCI, PI. Measurement of NI at current and constant prices, Difficulties in measurement

Extra Reading /Key Words: *Fiscal policy and monetary policy*

Unit – II Output & Theory of Employment 15Hrs

- a. Say's law and Classical theory of employment- Keynes' criticism to Classical theory

- b. Keynes' psychological law and its significance, Consumption function – APC& MPC, factors influencing consumptionfunction.
- c. Investment multiplier – Definition, Working of multiplier, MPC and multiplier, Assumptions and leakages ofmultiplier.

Extra Reading /Key Words: Type of unemployment

Unit – III Investmentfunction

15Hrs

- a. Investment – Meaning, Types of investment; Ex-ante and Ex-post saving and investment, Saving Investment equality and Saving Investmentcontroversy.
- b. Factors influencing investment - MEC and Rate of interest, Investmentfunction
- c. Keynes' theory of Aggregate Demand and Aggregate Supply Functions – Under EmploymentEquilibrium

Extra Reading /Key Words: Paradox of thrift

Unit –IV IS andLMAnalysis

15Hrs

- a. Derivation of IS and LMFunctions
- b. General equilibrium of product and money markets (ExcludingShifts).
- c. Meaning, characteristics, and effects of inflation

Extra Reading /Key Words: Philips' curve

Unit- VTradecycle

15Hrs

- a. Nature, characteristics and phases of tradecycle.
- b. Theories of trade cycle –Climatic and psychological Theories; Monetary Theory- Hawtray, Von Hayek; Non- Monetary theory- Keynes , Hick's and Cobb WebTheory.
- c. Accelerator and Super Multiplier.

Extra Reading /Key Words: Kaldor's Model

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall the various concept of macro economics	PSO 1	R, U
CO-2	Discuss investment multiplier and working of multiplier	PSO 2	R
CO-3	List out the types of investment	PSO 2	U

CO-4	Describe the derivation of IS and LM function	PSO 3	R
CO-5	Recall the meaning of inflation and list out the effect of inflation.	PSO 4	U
CO-6	Describe the nature and scope of trade cycle	PSO 4	U
CO-7	State the concept of SuperMultiplier	PSO 5	R
CO-8	Understand the various theories of trade cycle	PSO 5	U

**PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;
An – Analyse; E- Evaluate; C – Create**

Text Book: Dr.S. Sankaran, (2003), Macro Economics, Margham Publications,Chennai.

Books for Reference

- Eugene Dialio ,MacroEconomics (Schaum’s Outlines) , McGraw Hill, New Delhi.
- Gupta, R.D. (1982), Keynesian and Post Keynesian Economics,Kalyani Publishers, NewDelhi.
- Jhingan, M.L , (2003), Macro Economics , Vrinda Publications,Delhi.
- Rana, K.C. & Varma,K.A., (2000), Macro Economics Analysis, Educational Publishers, NewDelhi.
- Seth, M.L., (1980), Macro Economics, Lakshmi Narain Agarwal Educational Publishers,Agra.
- Shapiro, E. (1980),Macro Economics analysis, Suneel Galgotia Agarwal Educations Publishers,Agra.
- Vaish, M.C., (1997), Macro Economics, Wishwa Prakashan Publications, New Delhi.

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS

First Year - Semester – I

Course Title	Allied(Compulsory):1 – Statistics for Business Management-I
Total Hours	60
Hours/Week	4 Hrs
Code	U18EC1ACT01
Course Type	Theory
Credits	4
Marks	100

General Objective:

To enable the students to understand the various methods of collecting, presenting, analyzing numerical data.

Course Objectives:

CO No.	Course Objectives
CO-1	Understand the basic concepts of statistics and collection of data
CO-2	Understand and apply the different types of sampling for research study
CO-3	Remember and understand the presentation of data by using the table and diagram
CO-4	Appreciate and analyse the collected data by applying central tendency statistical tool
CO-5	Remember, understand and evaluate the measures of variation

Unit-I Introduction to Statistics

12 Hrs

- a) Meaning, functions and limitations of Statistics – Statistics and Economics – Primary and secondary data
- b) Methods of collecting primary data – Drafting the questionnaire – Pre-testing the Questionnaire
- c) Sources of Secondary data – Precautions in the use of Secondary data.

Extra Reading Key Word: *Statistics and computer*

Unit- II Census and Sample method

12 Hrs

- a) Sampling and sampling design – Census and sample method – methods of Sampling
- b) Sampling and non - Sampling errors – Principles of Sampling – essential of Sampling
- c) Uses and limitations of Sampling.

Extra Reading (Key Words): *sampling and non sampling error.*

Unit- III Presentation of data

12 Hrs

- a) Classification, Tabulation and Diagrams – Meaning and objectives of Classification.
- b) Types of Classification- parts of table – General rules of tabulation – Types of tables
- c) Diagrammatic and graphic representation – Types of diagrams – Graphs of frequency distribution – Histograms Frequency polygon – Ogives.

Extra Reading Key Word: Tabulation of data

Unit- IV Measures of Central tendency

12 Hrs

- a) Measures of Central tendency – Objectives of averaging
- b) Requisites of a Good average – Arithmetic mean – weighted Mean – median – Mode
- c) Quartiles – Deciles- percentiles — limitations of averages.

Extra Reading Key Word: Geometric mean and Harmonic mean.

Unit- V Measures of Variation

12 Hrs

- a) Measures of Variation - Meaning – significance – range- quartile deviation
- b) Mean deviation – Standard deviation - Coefficient of variation
- c) Variance, Lorenz curve

Extra Reading Key Word: Chebyshev's Theorem.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall concept of statistics and collection of data..	PSO 1	U
CO-2	Explain the different methods of sampling to adapt for research purpose.	PSO 2	R
CO-3	Demonstrate the data to be classified according to the criteria.	PSO 2	U
CO-4	Interpret the tabulation for classified data	PSO 3	R
CO-5	Sketch the diagrams for tabulated data.	PSO 4	An
CO-6	Calculate the average value by using mean, median, mode.	PSO 4	U
CO-7	Solve the Mean Deviation, Quartile Deviation, Standard Deviation.	PSO 5	An
CO-8	Calculate and sketch the Lorenz curve.	PSO 5	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;

An – Analyse; E- Evaluate; C – Create

References

Text Books:

1. Gupta S.P. (2001) Statistical Methods, Sultan Chand & Sons, New Delhi.
2. Gupta S.P (1973) Elementary Statistical Methods, Vikas Publishing House, Pvt. Ltd., New Delhi.

Reference Books:

1. Gupta S.P, (2003), Statistical Methods, Sultan Chand & Sons, Educational Publishers, New Delhi.
2. Pillai, R.S.N., and Bagavathi, V., (1998) Statistics, (First Edition) S. Chand & company Ltd., New Delhi- 110055
3. Saxena, H.C., Dass, H.K., Rassinghania, M.D., (2003) Statistics, First Edition), S. Chand & company Ltd., New Delhi-110055.
4. Sharma, K.K., (1994), Statistics (First Edition) Krishna Prakashan Mandir, Meerut.

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
First Year - Semester – I

Course Title	Allied 2 Business Economics
Total Hours	60
Hours/Week	4 Hrs Wk
Code	U18EC1ACT02
Course Type	Theory
Credits	3
Marks	100

General Objectives:

To enable students to understand the principles of Business Economics and sensitize them about the importance of the subject in management decision making

Course Objectives:

CO No.	Course Objectives
CO-1	Understand the basic concepts of business economics
CO-2	Understand and apply the production analysis in the firm
CO-3	Remember and apply the different methods of calculating national income
CO-4	Understand the business cycle in the economy
CO-5	Remember the use of fiscal policy and apply in the economy

UNIT I: Introduction to business economics and the theory of demand **12 Hrs**

- a. Meaning and scope of business economics – role and responsibilities of a business economist.
- b. Demand– Types of demand -law of demand- elasticity of demand (Price, Income and Cross)
- c. Methods of measuring price elasticity of demand –Demand forecasting – steps in demand forecasting – short term and long term forecasting - methods of demand forecasting.

Extra reading (Key Words): Cardinal and Ordinal utility, Theory of consumer demand

UNIT II :Production Analysis **12 Hrs**

- a. Factors of production- Concepts of Total product, Average product and Marginal product
- b. Classical and Modern approaches to the law of variable proportions
- c. Law of returns to scale and Economics and diseconomies of scale

Extra reading (Key Words): Indifference curve, Cobb- Douglas Production function

Unit-III:Keynesian Theory of Determination of National Income **12 Hrs**

- a. Concepts- Different methods of calculating national income
- b. Components of aggregate expenditure in two, three, four sector economy models
- c. National Income determination in two, three and four sector economy models.

Extra reading (Key Words): Investment multiplier

Unit – IV:BusinessCycle**12 Hrs**

- a. Meaning of business cycle- Features- Phases of businesscycle
 - b. causes of businesscycle
 - c. Money- types of money- functions of money- monetary policy and creditcontrol
- Extra reading (Key Words):** Keynes, Hick’s and Cob-Web Theory.

Unit –V:PublicFinance:**12 Hrs**

- a. Economic functions of a modern government- allocation, distribution and stabilization functions
 - b. Fiscal policy- meaning- objectives- function- instruments andtypes
 - c. Use of fiscal policy for economic growth- limitations of fiscalpolicy
- Extra reading (Key Words):** Deficit financing

Note: Texts given in the Extra reading /Key words must be tested only through Assignment and Seminars.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall the role and responsibilities of business economist.	PSO 1	R
CO-2	Describe the Total product, Average product and Marginal product	PSO 2	R
CO-3	Understand the Classical and Modern approaches to the law of variable proportions	PSO 2	U
CO-4	Explain the Different methods of calculating national income	PSO 3	R
CO-5	Recall the types of money and functions of money	PSO 4	An
CO-6	List the objectives of fiscal policy	PSO 4	U
CO-7	Explain the function of fiscal policy	PSO 5	R
CO-8	Discuss the use of fiscal policy for economic growth	PSO 5	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;

An – Analyse; E- Evaluate; C – Create

References**Text Book:**

- Sankaran . S.(2012), Business Economics, Margham Publications,Chennai.
- Dwivedi,D.N.(2001), Macro Economics, Theory and Policy, Mc. Graw Hill Pub,Delhi.
- Tyagi,B.P.,(1997), Public Finance,(Thirtieth Edition), Jai Prakash Nath & Company, Meerut.

Reference Books

- Chaturvedi, D.D., Gupta S.L. and Sumitra A.L ,(2001).., Business Economics– Test and cases, Galgotia publishing company, New Delhi.
- Manab Adhikary., (2002).Business (2nd Edition). Excel Book, NewDelhi.
- Samuelso, B.A., Economics , (1976),Tale MCGraw-Hill. NewDelhi.

(For Candidates admitted from June 2015 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI-2
B.A/B. Sc/B.Com /B.C.A-DEGREE COURSES
LIFE ORIENTED EDUCATION
ETHICS – I: RELIGIONS AND VALUE SYSTEMS

HRS /WK:1
CREDITS:1

CODE:U15VE2LVE01
MARKS :100

OBJECTIVES:

- To enable the students to understand and appreciate all Religions and Culture
- To help the students to become
- To aware of the negative forces of religions.

UNIT – I: RELIGION

God – Faith, Religion, Definition, Nature, Characteristics and Basic values of different religions. Impact of Globalization on religion – Importance of worship in holy places – celebration, Communion (come-union) – Socialization

UNIT – II: DIFFERENT RELIGIONS

Basic characteristics and basic thoughts of different religions: Buddhism, Christianity, Hinduism, Islam, Jainism and Sikhism

UNIT –III: UNITY OF RELIGION

Unity of Vision and Purpose- Respect for Other Religions, Inter Religious Co-operation, Religious Pluralism as a fact and Religious Pluralism as a value

UNIT – IV: FUNDAMENTALISM, COMMUNALISM AND SECULARISM

Meaning and impact of Fundamentalism, Communalism, Violence and Terrorism – Tolerance – Secularism – Individualism

UNIT – V: VALUE SYSTEMS

Value and Value Systems - Moral Values -Individuals and the need to stand for values in the context of Globalization – Consumerism - Will power to live up to your values - Healthy body for empowerment – Physical health and Mental hygiene, food and exercises

REFERENCES:

1. Social Analysis (a course for all first year UG students), 2001. Department of Foundation Courses, Loyola College, Chennai-34.
2. Special topics on Hindu Religion, 2001. Department of Foundation Courses, Loyola College, Chennai-34.
3. Religion: the living faiths of the world, 2001. Department of Foundation Courses, Loyola College, Chennai-34.
4. Sydney Am Meritt, 1997. Guided meditations for youth.
5. MarieMigon Mascarenhas, 1986. Family life education- Value Education, A text book for College students.

(For Candidates admitted from June 2015 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI -2
B.A/B. Sc /B.Com/ B.C.A-DEGREE COURSES
LIFE ORIENTED EDUCATION
CATECHISM – I: GOD OF LIFE

HRS / WK:1
CREDIT:1

CODE:U15VE2LVC01
MARKS :100

OBJECTIVES:

- To enable the students to know God and his Salvific acts through HolyBible
- To enable the students to know about the PaschalMystery

UNIT – I: CREATION AND COVENANT

Study from petty catechism - Genesis - God revealed himself in creation -God who preserves creation throughcovenants

(Pentateuch) -Our response to God’s covenant -Reason for its success and failure -The relationship of God with Israel -Image of God in Old Testament-God and me

UNIT – II: GOD OF THE PROPHETS

God’s care for the humanity through Prophets-Major (Isaiah, Jeremiah) Minor (Amos) and Women (Deborah) Prophets-Their life and mission - Theology of Prophets -Concept of sin and collective sins expressed by prophets and God’s saving love.

UNIT – III: GOD OF WISDOM

God experience through wisdom Literature, its origin and growth

UNIT – IV: SYNOPTIC GOSPELS

Synoptic Gospels and John’s Gospel – Author –historical background –Chief message of each Gospel and for whom it was written - A few passages for the study of parallelism in the Synoptic Gospels.

UNIT – V: LUKE’S GOSPEL

Study of Luke’s Gospel in detail – speciality of the Gospel – main emphasis of themessage – meaning and blessing of suffering and paschal joy in one’s life - Passion – PaschalMystery

REFERENCES:

1. Catechism of the Catholic Church published by Theological Publications in India for the Catholic Hierarchy of India,1994
2. The Holy Bible Revised Standard Version with Old and New Testaments Catholic Edition forIndia.
3. Vaazhvin Vazhiyil – St. John’s Gospel- Fr.Eronimus
4. God’s Word nourishes A catholic approach to the Scriptures Dr. Silvano Renu Rita,O.C.V. STD and Dr. Mascarenhas Fio S.J. D.mim. Catholic Bible I
5. Documents of Vatican II – St. Paul’s Publications, Bombay1966.

(For Candidates admitted from June 2015 onwards)
HOLY CROSS COLLEGE(AUTONOMOUS) TRICHIRAPALLI-2.
B.A/B.Sc/B.Com /B.C.A-DEGREE COURSES
LIFE ORIENTED EDUCATION
BIBLE STUDIES – I: NEW TESTAMENT

HRS / WK:1

CODE:U15VE2LVBO1

CREDIT:1

MARKS :100

OBJECTIVE:

- To enable the students to develop the passion for the Word of God – Jesus and inculcate the thirst of Missionaries being a disciple of Christ.

UNIT – I: BIBLE – THE WORD OF GOD

- Books of the Bible – Division into Old Testament and New Testament – History of the Bible-
- Messianic Prophecies (Isaiah 9:6,40:3,53:1-12,61:1-3,Micah5:2)
- The Birth and Ministry of John the Baptist (Luke 1:1-80,Mat3:1-17,14:1-12)
- The Birth, Passion, Death and Resurrection of Jesus (Luke 1:26-80,2:1-52,John 1:18-21)

UNIT – II: MINISTRY OF JESUS

- Miracles (Mark 2:1-12,Luke 4:38-41,6:6-11,7:1-17,8:26-56,John2:1-12)
- Parables (Luke6:46-49,8:4-15,10:25-37,15:1-32)
- Preaching
 - Sermon on the mount (Mat5-7)
 - Lord's Prayer (Luke 11:1-13)
 - Kingdom of God (Mat 13:24-50)
- Prayer life of Jesus (Luke 5:12-16,John 11:41-45,17:1-26,Mark14:32-42)
- Rich and Poor (Luke 16: 19-31,21:1-4)
- Women Liberation (John4:1-30,8:1-4)
- Women in the New Testament
- Martha & Maria (Luke 10: 38- 42, John 11:1-46)

UNIT – III: CHURCH – BIRTH AND GROWTH

- Early Church
- Birth (Acts2:1-41)
- Unity and sharing (Acts2:42-47,4:1-37,5:1-11)
- Witnessing life (Acts 3:1-26,5:12-42,8:26-40,16:20-34)

- Comparison between early Church and present Church.

UNIT – IV: DISCIPLES AND APOSTLES

- Mother Mary (Mother of Jesus) (Luke 1: 27-35, John 2: 1-12, 19:35, Acts 1:13-14)
- St. Peter (Luke 22:1-7, Acts 2:1-41, 12:1-17)
- St. Andrew (Mat 4:18-20, John 1:35-42, 6:1-14)
- St. Stephen (Acts 6,7)
- St. Paul (Acts 8,9,14,17,26 and 28)
- St. Thomas (John 20:24-31)

UNIT – V: ST. PAUL’S LETTERS AND THE MESSAGE

- I & II Corinthians
- Galatians
- Ephesians
- Philippians
- I & II Timothy
- Titus

REFERENCES:

1. Holy Bible
2. John Stott, 1994, “**Men with a Message**”, Angus Hudson Ltd. London.

HOLY CROSS COLLEGE (Autonomous), Tiruchirappalli - 620 002.

TAMIL DEPARTMENT

For Candidate admitted from 2015 onwards

First Year - Semester – II

Course Title	முதலாமாண்டு – இரண்டாம் பருவம்
Total Hours	75
Hours/Week	5 Hrs Wk
Code	U15TL2TAM02
Course Type	Theory
Credits	3
Marks	100

General Objectives:

இறைச்சிந்தனை வழி மாணவர்களை ஒருமுகப்படுத்துதல்.

- To harmonize the students in Religious thoughts.
- To Introduce the specialties of Tamil caureates
- To infuse the friendly nature in to the students
- To improvise the good habits among students

Course Objectives:

CO No.	Course Objectives
CO-1	இறைச்சிந்தனை வழி மாணவர்களை ஒருமுகப்படுத்துதல்.
CO-2	மதநல்லிணக்கத்தை உருவாக்குதல்.
CO-3	ஆளுமைத்திறனை வளர்த்தல்
CO-4	படைப்பாற்றல் திறனை ஊக்கப்படுத்துதல்.
CO-5	பிழையின்றி எழுதவும் படிக்கவும் மாணவர்களை தயார்ப்படுத்துதல்.

அலகு:1 செய்யுள்

1. தேவாரம்
2. திருவாசகம்
3. திருமந்திரம்
4. திருப்பாவை
5. நாலாயிர திவ்யப்பிரபந்தம்

15 Hrs

- சுந்தரர் (திருமழப்பாடி)
- மாணிக்கவாசகர் (குயில் பத்து)
- திருமூலர்
- ஆண்டாள்
- குலசேகராழ்வார் (பெருமாள்)

key Words (Extra Reading)

1. அற்புதத்திருவந்தாதி - காரைக்கால் அம்மையார்
2. திருவாய்மொழி - நம்மாழ்வார்

அலகு:2 செய்யுள்

15 Hrs

6. மீனாட்சியம்மை பிள்ளைத்தமிழ் - குமரகுருபரர்
7. இரட்சணிய யாத்திரிகம் (சிலுவைப்பாடு) - எச்.ஏ.கிருட்டிணப்பிள்ளை
8. வேதநாயக சாஸ்திரியார் பாடல்கள் - - வேதநாயகசாஸ்திரியார்
9. நபிகள்நாயக மான்மியமஞ்சரி - செய்குதம்பிப்பாவலர்

key Words (Extra Reading)

1. நந்திக்கலம்பகம்
2. குற்றாலக்குறவஞ்சி - திரிகூடராசப்பக்கவிராயர்

அலகு:3

15 Hrs

தமிழ் இலக்கிய வரலாறு -
பல்லவர்காலம்
நாயக்கர்காலம்

அலகு:4

15Hrs

படைப்பிலக்கியம் - புதினம்
கல்கி - பார்த்திபன் கனவு

key Words (Extra Reading)

வில்லோடு வா நிலவே - வைரமுத்து

அலகு:5

15 Hrs

கடிதம் எழுதுதல்

Note: Texts given in the Extra reading /Key words must be tested only through Assignment and Seminars.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	பல்லவர்கள் காலத்து சமயப்பணியையும் சமய இலக்கியங்களின் வளர்ச்சியையும் திறனாய்வு செய்வர்.	PSO 1	U
CO-2	பல்வேறு மதங்களும் கற்பிக்கின்ற சமயக் கொள்கை ஒன்றுதான் என்பதனை உணர்த்தி, மதக்காழ்ப்புணர்வை அகற்றி ஒற்றுமையுணர்வை வளர்த்துக் கொள்வார்.	PSO 2	AN
CO-3	அரசர்கள் முதல் உழவர்கள்வரை பலதரப்பட்ட	PSO 2	AP

	மாந்தர்களின் உயரியச் செயல்களை அறிந்து கொண்டு ஆளுமைமிக்கவர்களாக உருவாகுவர்.		
CO-4	நாவல் வாசிப்பதால் படைப்பாற்றல் திறனும் சொற்களஞ்சியப் பெருக்கமும் பெறுவர்.	PSO 3	U
CO-5	விண்ணப்பக் கடிதம் எழுத நேரிட்டால் தானாக முன்வந்து தடையில்லாமல் எழுதுவர்.	PSO 4	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

பார்வை நூல்கள்

- | | |
|-----------------------|-------------------------------------|
| செய்யுள் | - தமிழாய்வுத்துறை வெளியீடு |
| தமிழ் இலக்கிய வரலாறு | - தமிழாய்வுத்துறை வுத்துறை வெளியீடு |
| நாவல் | |
| கல்கி | - பார்த்திபன் கனவு |
| கடித இலக்கியம் | - பயிற்சி ஏடு |

(For candidates admitted 2016 onwards)

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 2

DEPARTMENT OF FRENCH

SEMESTER II

Course Title	PART I – LANGUAGE - FRENCH PAPER II (GRAMMAR, CIVILISATION & TRANSLATION (ÉCHO A1 2 ^e édition)
Total Hours	75
Hours/Week	5 Hrs/Wk
Code	U16FR2FRE02
Course Type	Theory
Credits	3
Marks	100

General Objective: To enable the students to learn French Grammar and Cultural aspects of France.

Course Objectives (CO):

The learner will be able to

CO1	understand pronominal verbs and apply the same in narrating one's own everyday activities.
CO2	remember prepositions and understand climate in France and dwelling place.
CO3	apply past tenses in a biography and analyse relationships and family structure in France
CO4	understand object pronouns and evaluate savoir-vivre in France.
CO5	understand the usage of relative pronouns and secondary tenses and remember SOS and evaluate French style

Unit 1 Quelle journée!

(15Hours)

La conjugaison pronominale, l'impératif, l'expression de la quantité – les activités quotidiennes, les achats et l'argent – demander des nouvelles de quelqu'un – le comportement en matière d'achat et d'argent.

Extra Reading (Key Words) : lettre amicale, compléter un dialogue

Unit 2 Qu'on est bien ici!

(12Hours)

Les prépositions et les adverbes, les verbes exprimant un déplacement – le logement, la localisation, l'orientation, l'état physique, le temps qu'il fait – demander de l'aide, exprimer une interdiction – le climat en France, les cadres de vie (ville et campagne)

Extra Reading (Key Words) : des affiches et des panneaux

Unit 3 Souvenez-vous ?

(12Hours)

Emplois du passé composé et de l'imparfait – les moments de la vie, la famille, les relations amicales, amoureuses, familiales – demander/donner des informations sur la biographie d'une personne – le couple et la famille.

Extra Reading (Key Words): la biographie d'une personne importante

Unit 4 On s'appelle ?

(12Hours)

Les pronoms compléments directs et indirects – les moyens de la communication – aborder quelqu'un, exprimer une opinion sur la vérité d'un fait – les conseils de savoir-vivre en France.

Extra Reading (Key Words): le savoir vivre en Inde

Unit 5 Un bon conseil ! ; Parlez-moi devous!

(24Hours)

L'expression de déroulement de l'action, les phrases rapportées – le corps, la santé et la maladie – téléphoner, prendre rendez-vous, exposer un problème – les conseils pour faire face aux situations d'urgence.

La place de l'adjectif, la proposition relative, la formation des mots – la description physique et psychologique des personnes, les vêtements et les couleurs – demander/donner une explication – quelques styles comportementaux et vestimentaires en France.

Extra Reading (Key Words): SOS en Inde, les marques internationales des vêtements.

Course outcomes:	Cognitive level
Make use of pronominal verbs to sketch one's routine.	U, Ap
Illustrate habitat in France.	An
Utilize a biography to identify past tenses.	E
Compare family structure in France and in India.	E
Apprise savoir-vivre in class room.	Ap, An
Examine « Style » in a French context.	An
Relate SOS in India and in France.	E

TEXT BOOKS :

ECHO A1 – METHODE DE FRANÇAIS & CAHIER PERSONNEL D'APPRENTISSAGE

Authors: J. Girardet and J. Pécheur Publication:

CLÉ INTERNATIONAL, 2013.

Books for Reference:

La Conjugaison – Nathan

French made easy – Beginners level - Goodwill Publishing House Je

parle français II - Abhay Publications

Le français avec des jeux et des activités – ELI

Langue et la civilisation – I – Mauger Bleu

Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

(For the candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-620002
DEPARTMENT OF HINDI
SEMESTER – II

Course Title	PART – I LANGUAGE HINDI – II DRAMA , NOVEL AND GRAMMAR –II
Total Hours	75
Hours/Week	5Hrs/Wk
Code	CODE: U19HN2HIN02
Course Type	Theory
Credits	3
Marks	100

General Objective : To enable the students to appreciate and critically evaluate the prescribed literary works.

Course Objectives (CO):

The learner will be able to:

CO No.	Course Objectives
CO -1	Critically evaluate moral values in the drama
CO- 2	Critically appreciate and evaluate the novel in an ethical perspective.
CO- 3	Understand and apply tense and case
CO- 4	remember and apply adverbs and prepositions
CO- 5	comprehend the usage of conjunctions and interjections

UNIT – I

(15 Hours)

1. Ashad ka ek dhin
2. Gaban
3. Kaal

Extra Reading (Key Words) : Mohan Rakesh, Laharon Ke Rajahams

UNIT- II

(15 Hours)

1. Ashad ka ek dhin
2. Gaban
3. Karak

Extra Reading (Key Words) : Premchand, Nirmala

UNIT- III

(15 Hours)

1. Ashad ka ek dhin
2. Gaban
3. Kriya Visheshan

Extra Reading (Key Words) : Seva Sadhan, Aadhe Adhure

UNIT- IV**(15 Hours)**

1. Ashad ka ek dhin
2. Gaban
3. Sambandha Bodhak

Extra Reading (Key Words): *Andhere Bandh Kamare, Mispal*

UNIT- V**(15 Hours)**

1. Ashad ka ek dhin
2. Gaban
3. Yojak(Samuchaya Bhodak) Aur Dhyodak (Vismyadhi Bhodak) *Extra*

Reading (Key Words): *Poos Ki Raat, Shatranj Ke Khiladi*

Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

Course Outcomes:

The learner will be able to:

CO No.	Course Outcomes	Cognitive Level
CO -1	Appraise moral values in the Society	E
CO- 2	Distinguish necessity and luxury	E
CO- 3	To make use of present, past and future tense and build stories.	U, Ap
CO- 4	Utilize adverbs and prepositions in a text.	R, Ap
CO- 5	Rephrase using conjunctions and interjections.	U

CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyze; E- Evaluate; C- Create

Reference Books :

- Ashadka ek dhin : Mohan Rakesh;Rajpal and Sons,Delhi.
- Nirmala: Premchand;Sri Jwalaji Books Educational Enterprises,New Delhi.
- Vyakaran pradeep; Dr. Ram Dev. M.A; LokBharathiPrakashan ;Illahabad.
- Manak Hindi Vyakaran: ChandraBhan ‘Rahi’;SreyaPrakashan, Illahabad

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS), Tiruchirapalli – 620002
PG AND RESEARCH DEPARTMENT OF ENGLISH
I YEAR UG – SEMESTER I
PART II – ENGLISH 2- GENERAL ENGLISH II

HOURS : 6
CREDIT : 3

CODE : U15EL2GEN02
MARKS: 100

OBJECTIVES

- Students learn to use LSRW skills and advanced communication skills in the context required in their daily life.
- The students learn to analyze and express their self and their concern and responsibilities to the world around.
- The students learn how English is used in literary writing so as to imbibe the spirit of the standard language for communication.

UNIT I – SELF

Listening- Specific information from demonstration and instructions, transfer of information.

Speaking - Sharing expressions, dreams and expressing opinions.

Reading -Skimming and Scanning for specific information, reading for local comprehension.

Writing - Story Writing

Grammar - Articles and Sentence Pattern

Vocabulary - Meanings, Synonyms, Antonyms

Composition - Transfer of information: Paragraph to Bar graph/pie chart
General Essay - Courage is the key to success

TEXTS

1. *The Far and the Near* by Thomas Wolfe (Short Story)
2. *The Owl who was a God* by James Thurber (Short Story)
3. *Wings of Fire – Chapter 1* by Dr. A.P.J. Abdul Kalam (Prose)

UNIT II – STRENGTHS

Listening - Listening to a process

Speaking - Telephone Etiquette

Reading - Loud reading with pause, intonation and expression in dialogue form

Writing - Writing about oneself (strengths& weaknesses, Have's & Have not's)

Grammar- Subject verb agreement, Prepositions

Vocabulary- One word substitute in the context

Composition- Letter Writing - informal letters
General essay – A bird in hand is worth two in bush.

TEXTS

1. *The Robe of Peace* by O' Henry (Short Story)
2. An extract from *Androcles and the Lion* by George Bernard Shaw (Play)

UNIT III - POSITIVE SHORTCOMINGS

Listening - Listening to facts and opinions and trying to differentiate it

Speaking - Pair Work – about have's & have not's, understanding the strengths and overcoming the weaknesses

Reading - Reading newspapers, articles, magazines, anecdotes for global and specific in analytical thinking

Writing - Filing Complaints, Travelogues
Grammar - Tenses, Direct and Indirect Speech
Vocabulary - Compound words
Composition - Dialogue Writing
General essay – Adversity is the seed of success.

TEXTS

1. *Six Thinking Hats* by Edward de Bono (Prose)
2. *A Cup of Tea* by Katherine Mansfield (Short Story)
3. An Extract from Shakespeare's *As You Like It* (Act II Scene I lines 12 -17)

UNIT IV POTENTIALS

Listening - Listening to the description of personalities, historical places and monuments
Speaking - Group Discussion – Totally controlled, partially controlled, Free
Reading - Parallel Reading, reading for pleasure
Writing - Letter writing – formal letters
Grammar - Adjectives, Degrees of Comparisons
Vocabulary - Idioms and Phrases
Composition - Debates and Discussions
General essay – My potentials

TEXTS

1. *Easy Ways to Avoid an Argument* by Sam Horn (Prose)
2. *Pygmalion* by George Bernard Shaw (Play)
3. *My Heart Leaps up when I behold* by William Wordsworth (Poem)
4. *The Flower* by Alfred Lord Tennyson (Poem)

UNIT V ACHIEVEMENTS

Listening - Listening to comparisons and arguments
Speaking - Performance
Reading - In-depth reading
Writing - Script writing of story to play
Grammar - Question Tags
Vocabulary - Homophones
Composition - Essay Writing
General essay - The reward of hard work.

TEXTS

1. *On Saying Please* by A.G. Gardiner (Prose)
2. *A Time of Green* by Anna Stillaman (Play)

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(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
First Year - Semester – II

Course Title	Major Core : 3 - Micro Economic Analysis –II
Total Hours	90
Hours/Week	6 Hrs /Wk
Code	U18EC2MCT03
Course Type	Theory
Credits	5
Marks	100

General Objectives:

To develop scientific outlook amongst students which would help them to review and analyze different market situations and their influence on the buying behaviour of consumers.

Course Objectives:

CO No.	Course Objectives
CO-1	Understands the different methods of finding out the equilibrium of the firm.
CO-2	Analyzes the equilibrium of firm and industry under perfect competition and monopoly.
CO-3	Understands price determination under monopolistic competition and oligopoly.
CO-4	Analyzes the Theories of Factor Pricing
CO-5	Analyzes the New welfare economics and Paretian welfare economics.

UNIT- I EQUILIBRIUM OF THE FIRM AND INDUSTRY

18Hrs

- a) Definition of a firm and an Industry, Firm's objectives, roles and responsibilities of a modern firm
- b) Three methods of finding out the equilibrium of a firm – TR & TC method, AR & AC method and MR & MC method
- c) Forms of Market - Size and Extent of Market

Extra Reading/Key Words: *Factors affecting the size of a market*

UNIT- II PRICING UNDER PERFECT COMPETITION AND MONOPOLY 18 Hrs

- a) Definition of Perfect competition – Features of Perfect competition – Short run and Long run Equilibrium of the Firm
- b) Definition and Meaning of Monopoly – Kinds of Monopoly – Price determination under monopoly in the short and long run
- c) Degrees of price discrimination I, II & III degree, Dumping - Comparison between

Perfect Competition and Monopoly

Extra Reading/Key Words: *Short run and Long run Equilibrium of the Firms under different cost conditions in perfect competition.*

UNIT- III PRICING UNDER MONOPOLISTIC COMPETITION AND OLIGOPOLY

18Hrs

- a) Meaning and features of Monopolistic Competition, Price Determination under Monopolistic Competition in short and long run period, excess capacity under monopolistic competition - Non-price competition, Selling cost, Defects of Monopolistic Competition.
- b) Meaning and definition of Oligopoly, Classification of Oligopoly – its Characteristics- Bilateral Monopoly- Duopoly- Monopsony-(Meaning Only)
- c) Pricing under Oligopoly – Price leadership, Collusive Oligopoly – Price Rigidity.

Extra Reading/Key Words: *Meaning of Duopoly*

UNIT - IV THEORY OF FACTOR PRICING

18Hrs

- a) Theory of Distribution- Marginal productivity and its defects
- b) Ricardian Theory of Rent, Quasi-rent. Theories of Wages - Subsistence Theory, Wage Fund Theory, Residual Claimant Theory, Standard of Living Theory
- c) Classical, Neo-classical and Keynesian and Modern Theory of Interest – Theories of Profit (Theories of Knight, Hawley, Clark and Schumpeter).

Extra Reading /Key Word: *Modern Theory of Profit*

UNIT- V INTRODUCTION TO WELFARE ECONOMICS

18Hrs

- a) Meaning of Welfare Economics, Positive Economics, Welfare Economics Individual Welfare and Social Welfare, General Welfare and Economic Welfare.
- b) Concept of Social Welfare in Welfare Economics - Pigovian Welfare Economics, its merits and demerits.
- c) Introduction to Paretian Welfare Economics (**Basic Ideas Only**)

Extra Reading/Key Words: *Maximum Social Welfare*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Define and recall the term firm and industry	PSO 1	R, U
CO-2	Explain and illustrate the methods of finding out equilibrium of the firm	PSO 2	R
CO-3	recall the objectives, roles and responsibilities of a modern firm	PSO 2	U
CO-4	Compare equilibrium of firm and industry under perfect competition and monopoly.	PSO 3	R

CO-5	Demonstrate price determination under monopolistic competition and Oligopoly	PSO 4	An
CO-6	Identify excess capacity under monopolistic competition	PSO 4	U
CO-7	Examine the theories of factor pricing	PSO 5	R, An
CO-8	Analyze the welfare economics with different concepts of welfare.	PSO 5	U

**PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;
An – Analyse; E- Evaluate; C – Create.**

References

Text Book: Sankaran,S., (2003), Micro Economics, Margham Publications, Chennai

Books for Reference:

- Ahuja, H.L.(1990), Modern Micro Economics, S.Chand & Company Ltd, NewDelhi.
- Ahuja, H.L.(1996),Principles of MicroEconomics – A New Look at Economic Theory, S.Chand and Company LTD, NewDelhi.
- Bright Singh, D. (1984), Micro Economics,(4th Edition) Emerald Publishers,Madras.
- Chopra, P.N. (1997),Pricing Distribution and Welfare, Kalyani Publishers, NewDelhi.
- Jhingan M.L,(1986),Micro Economic Theory, Konark Publishers PVT, Ltd, NewDelhi.
- Joshi ,J.M.and Rajendra Joshi.(1997), Micro Economic Theory, Himalaya Publishing House,Delhi.
- Sundharam, K.P.M .and E.N. Sundharam,(1996),Micro Economics, S.Chand and Sons, Educational Publishers, NewDelhi.

(for candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
First Year - Semester – II

Course Title	Major Core 4 – Macro Economics-II
Total Hours	90
Hours/Week	6 Hrs
Code	U18EC2MCT04
Course Type	Theory
Credits	5
Marks	100

General Objectives:

To enable the students understand Keynesian approach to Money and trade the Post Keynesian developments in Income determination model and impact of various macroeconomic policy tools in achieving macroeconomic objectives.

Course Objectives:

CO No.	Course Objectives
CO-1	Understand the Keynesian Psychological law of consumption.
CO-2	Remember and understand the shifts in general equilibrium and effectiveness of monetary and fiscal policies in different ranges.
CO-3	Understand the Keynes' theory of money & prices.
CO-4	Understand the mixed Demand pull and Cost push inflation.
CO-5	Understand the quantitative & qualitative credit control measures in Monetary and Fiscal policy

Unit I – Post – Keynesian developments in consumption theory **18Hrs**

- a) Review of Keynes' Psychological law and Absolute Income Hypothesis
- b) Relative Income hypothesis, Life Cycle Hypothesis
- c) Permanent Income Hypothesis

Extra Reading Key Word: Demonstration Effect, Ratchet Effect

Unit II – General Equilibrium Analysis–Extension **18Hrs**

- a) Shifts in General Equilibrium – Shift in IS, Shift in LM and simultaneous shift in IS and LM functions
- b) Wage – Price flexibility – Pigou's views and counter views of Keynes
- c) Effectiveness of Monetary and Fiscal policies in Classical, Keynesian and Intermediate ranges

Extra Reading Key Word: Money Market and Product Market Equilibrium

Unit III – Demand for and Supply of Money **18Hrs**

- a) Keynesian Approach – Liquidity Trap – Keynes' theory of money & prices, Saving & Investment approach

- b) Supply of Money – Composition – High powered Money – Money Multiplier
- c) Velocity of Money and factors influencing velocity of money

Extra Reading Key Word: *Autonomous and Induced investment*

Unit IV – Inflation

18Hrs

- a) Demand pull, Cost push and mixed inflation
- b) Inflationary and deflationary gaps
- c) Phillips' curve

Extra Reading Key Word: *Inflation and Unemployment*

Unit V – Macro Economic Policy

18Hrs

- a) Objectives of Macro Economic Policy and conflicts.
- b) Fiscal policy-objectives and credit control measures
- c) Monetary policy-objectives and credit control measures (quantitative & qualitative).

Extra Reading Key Word: *Bank rate, Moral Suasion*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall the Keynes' Psychological law and Absolute Income Hypothesis.	PSO 1	R
CO-2	Discuss the Shifts in General Equilibrium.	PSO 1	U
CO-3	Distinguish the Pigou's views and counter views of Keynes	PSO 1	U
CO-4	Relate Saving & Investment approach.	PSO1	R
CO-5	List out the factors influencing velocity of money.	PSO 1	R
CO-6	Distinguish the Inflationary and deflationary gaps.	PSO 4	U
CO-7	Analyze the Phillips' curve.	PSO 4	A
CO-8	Describe the Objectives of Macro Economic Policy.	PSO 5	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap –

Apply;

An – Analyse; E- Evaluate; C – Create

References

Text Book: S.Sankaran, Macro Economics, Vishal Pub;

Books for Reference

1. Eugene Dialio , A, (1997), Macro Economics , (Schaum's Outlines) , McGraw Hill, New Delhi;
2. Gupta, R.D(1982), Keynesian and Post Keynesian Economics, Kalyani Publishers, New Delhi;
3. Jhingan, M.L , (2003), Macro Economics , Vrinda Publications, Delhi;

4. Rana, K.C.& Varma,K.A.,(2000),Macro Economics Analysis,Educational Publishers, NewDelhi;
5. Seth, M.L., (1980), Macro Economics, L.N. Agarwal Educational Publishers, Agra;and
6. Vaish, M.C., (1997), Macro Economics, Wishwa Prakashan Publications, NewDelhi.

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS
First Year - Semester – II

Course Title	Allied (Compulsory) 3 – Statistics for Business Management -II
Total Hours	60
Hours/Week	4 Hrs
Code	U18EC2ACT03
Course Type	Theory
Credits	4
Marks	100

General Objective:

To enable the students to apply statistical tools to theoretical Economics and Business Management.

Course Objectives:

CO No.	Course Objectives
CO-1	Understand and analyse to calculate relation between different variables.
CO-2	Remember and analyse to apply the regression equation for different variables.
CO-3	Understand and analyse the concept of probability to apply for the research purpose.
CO-4	Understand the various components of time series analysis
CO-5	Understand and measure the index numbers between two times.

Unit- I Study of Relations

12 Hrs

- a) Meaning and significance of the study of correlation –Correlation and Causation -Types of correlation i) Positive & negative ii) Partial & multiple iii) Linear & Non-linear
- b) Methods of Studying correlation i) Scatter diagram method , ii)Graphic method iii) Karl Pearson’s coefficient of correlation iv) Spearman’s Rank correlation.
- c) Association of attributes– Proportion method – Yule’s co-efficient of Association.

Extra Reading /Key Words: Concurrent deviation method

Unit- II Regression Analysis

12 Hrs

- a) Meaning - Difference between correlation and regression
- b) Regression lines - Regression equations of X on Y and Y on X
- c) Regression coefficients and limitation of regression analysis.

Extra Reading /Key Words: Standard error.

Unit-III Probability

12 Hrs

- a) Meaning - Concepts of Probability-Classical approach to Probability-
- b) Addition - Multiplication Theorem on Probability
- c) Calculation of probability (Simple treatment).

Extra Reading /Key Words: Bayes' Theorem

Unit- IV Analysis of time series

12 Hrs

- a) Meaning and Utility of time series - Components of time series - Measurement of trend
- b) Graphic method - Semi average method - Moving average method
- c) Least square method of fitting a Straight line - Uses and limitation of time series analysis

Extra Reading /Key Words: Utility of time series analysis

Unit – V Index numbers

12 Hrs

- a) Meaning – Uses - Classification - Problem in Construction
- b) Paasche - Laspeyre- Fisher's Ideal Index number, Marshall & Edgeworth,
- c) Cost of Living Index – Time reversal and Factor reversal tests.

Extra Reading /Key Words: Fixed base index and Chain base index

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Analyse the relationship between different variables by using different correlation method..	PSO 1	R, U
CO-2	Calculate the relationship between different variables by using regression method.	PSO 2	R
CO-3	Examine the probability through additional and multiplication theorem	PSO 2	U
CO-4	Recall the concept of time series analysis.	PSO 3	R
CO-5	Analyze the measurement of trend by using graphic method, semi average, moving average, least square method.	PSO 4	An
CO-6	Discuss the uses and classification of index numbers.	PSO 4	U
CO-7	Solve the Paasche's, Laspeyre's, Fisher's Index numbers	PSO 5	R, An
CO-8	Compute the cost of living index	PSO 5	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References Text Books

- S.P . Gupta (2001) Statistical Methods, , Sultan Chand & Sons, New Delhi.
- S.P . Gupta (1973) Elementary Statistical Methods,Vikas Publishing House Pvt.Ltd., New Delhi.

Books for Reference:

- Gupta S.P ,(2003), Statistical Methods ,Sultan Chand & Sons, Educational Publishers, NewDelhi.
- Pillai, R.S.N., and Bagavathi, V., (1998) Statistics, (First Edition) S. Chand & company Ltd., New Delhi-110055.
- Saxena, H.C., Dass, H.K., Rassinghania, M.D., (2003) Statistics , First Edition, S. Chand & company Ltd., New Delhi-110055.
- Sharma, K.K., (1994), Statistics (First Edition) Krishna Prakashan Mandir,Meerut.

(For the candidates admitted from 2015 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI
B.A/B.Sc./B.Com/B.R.SC/B.C.A/ B.B.A DEGREE EXAMINATION
SEMESTER- II

Course Title	SKILL – BASED ELECTIVE 1: SOFT SKILL DEVELOPMENT
Total Hours	30
Hours/Week	2
Code	U15RE2 SBT01
Course Type	Theory
Credits	2
Marks	100

General Objective:

The student understands the need for the development of self esteem, team spirit and communicative skills to prepare themselves for selfdevelopment.

Course Outcomes:

The student will be able to

1. Understand the importance of self awareness, values and leadership skills in capacitybuilding
2. Understand and analyze the factors affecting interpersonal skills
3. Understand and evaluate the concepts of vision, mission and goals for corporate skills
4. Understand, apply and analyze the importance of body language, time management and stress management
5. Understand the concept and need for self development plan

UNIT I:

6hrs

Individual Capacity Building

Self awareness- building self-esteem- importance of having a strong self – esteem – developing positive attitude-. Anchoring on principles: Universal principles and values – forming & inculcating values- Leadership skills.

Extra reading / Key Words: *Biographies of any 2 Indian leaders*

UNIT II:

6hrs

Interpersonal skills

Trust-trustworthiness-interpersonal communication –art of listening, reading and writing –art of writing –building relationship-empathy.

Extra reading / Key Words: *Tips for building relationship*

UNITIII:**6hrs****Corporate skills**

Vision, mission and goals: Concepts, vision setting, goal setting, Individual and Group goals, Concept of synergy, team building, group skills.

Extra reading / Key Words: *Group dynamics and communication skills*

UNITIV:**6hrs****Management skills**

Developing Body Language – Practicing etiquette and mannerism –Stress Management – Time Management
Prioritization Importance and urgent activities- Time management to move towards life vision.

Extra reading / Key Words: *Polite conversations and dialogue skills*

UNITV:**6 hrs****Self Development Plan**

Concept and Need for Self Development Plan – Preparing Self Development Plan 9 Format is used to complete the self development Plan), Monitoring and Evaluation of self Development plan – Developing indicators for self development introduction to National Skill Development Mission.

Extra reading / Key Words: *Case study*

Note: Extra reading/Key words are only for internal testing(Seminar/Assignment) Course Course Outcome:

1. explain the importance of self awareness, values and leadership skills in capacitybuilding
2. analyze the factors affecting interpersonal skills
3. evaluate the concepts of vision, mission and goals for corporate skills
4. apply and analyze the importance of body language, time management and stress management
5. summarize the concept and need for self development plan

REFERENCES:

Alex K.(2012) *Soft Skills – Know Yourself & Know the World*, S. Chand & Company Ltd., New Delhi
Meena K. Ayothi V. (2013). *A Book on Development of Soft Skills (Soft Skills: A Road Map to Success)*, P.R. Publishers & Distributors, Trichy.

Francis Thamburaj S.J. (2009). *Communication soft skills for Professional Excellence*, 1st

Ed., Grace Publishers, Rathan Reddy B.(2005). *Team Development and Leadership*, Jaico Publishing House, Mumbai.

HOLY CROSS COLLEGE (Autonomous), Tiruchirappalli - 620 002.

TAMIL DEPARTMENT

For Candidate admitted from 2015 onwards

Second Year - Semester – III

Course Title	இரண்டாமாண்டு – மூன்றாம் பருவம்
Total Hours	90
Hours/Week	6 Hrs Wk
Code	U15TL3TAM03
Course Type	Theory
Credits	3
Marks	100

General Objectives:

வாழ்வியல் நெறிகளாகிய அறம், பொருள், இன்பம், வீடுபேறு ஆகியவற்றின் சிறப்பினை எடுத்துரைத்தல்

- To explain the greatness of the values such as dharma, knowing the meaning of life attaining pleasure and household life.
- To create the awareness about social life.
- To strengthen the religious ideologies.

Course Objectives:

CO No.	Course Objectives
CO-1	வாழ்வியல் நெறிகளாகிய அறம், பொருள், இன்பம், வீடுபேறு ஆகியவற்றின் சிறப்பினை எடுத்துரைத்தல்
CO-2	சமயங்கள் உணர்த்தும் அறக்கருத்துக்களை அறிந்து கொள்ளச்செய்தல்.
CO-3	சோழர்கால காப்பிய இலக்கியங்கள் மற்றும் இலக்கண நூல்களை வகைப்படுத்துதல்.
CO-4	நாடகம் நடப்பதன் வாயிலாக மாணவர்களின் திறன்களை வளர்த்தல்.
CO-5	தமிழக கோயில்களின் கலைநுட்பங்களையும், பண்பாட்டுச் சிறப்புகளையும் விவரித்தல்

அலகு:1 செய்யுள்

18 Hrs

1. சிலப்பதிகாரம் - கடலாடு காதை
2. மணிமேகலை – உலகவறவி புக்க காதை
3. கம்பராமாயணம் - கங்கைப் படலம்

key Words (Extra Reading)

சீவகசிந்தாமணி

அலகு:2 செய்யுள்

18 Hrs

4. இரட்சணிய யாத்திரிகம் - மரணப்படலம்

5. சீறாப்புராணம் - ஒட்டகை பேசிய படலம்

அலகு:3

18 Hrs

தமிழ் இலக்கிய வரலாறு

சோழர் காலம்

அலகு:4

18Hrs

நாடகம்

சத்திய வேள்வி – அய்க்கண்

key Words (Extra Reading)

யாருக்கும் வெட்கமில்லை - சோ

அலகு:5

18 Hrs

கோயிற்கலை

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	காப்பியங்கள் வாயிலாக இயற்கையோடு இணைந்த குடிமக்களின் வாழ்க்கை நெறியினை உணர்வர்.	PSO 1	U
CO-2	சமயங்கள் உணர்த்தும் அறநெறிக்கருத்துக்களை அறிவர்.	PSO 2	AN
CO-3	சோழர்கால காப்பிய இலக்கியங்கள் மற்றும் இலக்கண நூல்களை நினைவுக்கூர்வர்	PSO 2	R
CO-4	நடிப்புத்திறனை நுட்பமாகப் புலப்படுத்துவர்.	PSO 3	U
CO-5	தமிழக கோயில்களின் கலைநுட்பங்களையும், பண்பாட்டுச் சிறப்புகளையும் மாணவர்கள் ஆராய்வர்.	PSO 4	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;

An – Analyse; E- Evaluate; C – Create

பாட நூல்கள்

1. செய்யுள்

- தமிழாய்வுத்துறை வுத்துறை வெளியீடு

2. தமிழ் இலக்கிய வரலாறு

- தமிழாய்வுத்துறை வுத்துறை வெளியீடு

3. நாடகம்

அய்க்கண்

4. கோயிற்கலை

- சத்திய வேள்வி

- தமிழ்நாட்டிலுள்ள ஆலயங்களைக்
கலை நுணுக்கத்துடன் காணுதல்

(For the candidates admitted from June 2015 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-620002
DEPARTMENT OF HINDI
SEMESTER – III

Course Title	Part – I Language Hindi Paper-III Poetry, Predics, History Of Hindi Literature
Total Hours	90
Hours/Week	6Hrs/Wk
Code	CODE: U18HN3HIN03
Course Type	Theory
Credits	3
Marks	100

General Objective : To enable the students to appreciate and critically evaluate the evolution of Hindi literature through the prescribed literary works

Course Objectives (CO):

The learner will be able to:

CO No.	Course Objectives
CO -1	Remember, understand and evaluate the poetry of the masters
CO- 2	Understand and analyze the history of Hindi literature in the literary works.
CO- 3	Understand and analyze the history of Hindi literature in the literary works.
CO- 4	Apply the rules of Poetry and create poems
CO- 5	Appreciate and analyze the life of poets with that of their works.

Unit 1

(18 Hours)

Shubhagaman, Man,Tere Ghar Ke Dwar Bahuth Hain

Memory poem: Kabir das ke dohe-6, Thulasidas ke dohe – 6, Rahim ke dohe - 6

Extra Reading (Key Words): Ayyodhya singh Upadyaya Hariyaoudh, Kabir das

Unit 2

(18 Hours)

History of Hindi literature: Veergatha kaal

Extra Reading (Key Words): Prithvi raj Raso, Chandrabhardaiee

Unit 3

(18 Hours)

History of Hindi literature: Bakthi kaal

Extra Reading (Key Words): Gyan margi Shakha, Premmargi Shakha

Unit 4

(18 Hours)

Poetics :

- Ras – shringar, karun, hasya, veer
- Alankar – anupras, yamak, upama, roopak
- Chand – choupayee, baravai

Extra Reading (Key Words): Bharat muni, Shoak Ras

Unit 5

(18 Hours)

Kavi parichaya:

Ayodiya Singh Upadyaya Harioudh, Maithili Sharan Gupt, Siyaram Sharan Gupt, Kabir, Thulasidas
Extra Reading (Key Words): Harivamshrai Bachan, Sumitra nandan Panth
Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

Course Outcomes:

The learner will be able to:

CO No.	Course Outcomes	Cognitive Level
CO -1	Critically analyze poetry works.	R, U, E
CO- 2	Analyze Hindi Literature.	U, An
CO- 3	Compare the Hindi Literary works.	U, An
CO- 4	Create Poems.	Ap, C
CO- 5	Study the poetry works with the poet's life	An

**CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyze;
E- Evaluate; C- Create**

Books Prescribed :

- Naveen Padhya Rathnakar – D.B.H.P. Sabha Publishers, Chennai-17
- Pracheen Padhya Sangrah – D.B.H.P. Sabha Publishers, Chennai-17
- Hindi Sahitya Ka Sanshitpta Itihas – Rajnath Sharma, Agrwal Publication, Uttar Prakash
- Kavya Pradeep – Ram Bahori Shukla, Hindi Bhavan, Illahabad.

HOLY CROSS COLLEGE (AUTONOMOUS), Tiruchirapalli – 620002
PG AND RESEARCH DEPARTMENT OF ENGLISH
I YEAR UG – SEMESTER I

PART II – ENGLISH 3- GENERAL ENGLISH III

CODE : U15EL3GEN03

MARKS: 100

HOURS : 6
CREDIT : 3

GROWING WITH VALUES

Objectives:

1. To acquaint students with fine pieces of literature thereby enhancing their communicative skills.
2. To develop both receptive (reading, listening) and productive (speaking, writing) skills through communicative classes
3. To create interest among students for self-learning
4. To create a general awareness among students regarding the importance of humanistic values in the modern world.
5. To acquire proficiency in oral and written language.

UNIT I – Love, Faith and Hope

Listening for comprehension and general significance

Speaking about one's fear and hope

Reading for specific and global comprehension.

Writing – creative writing

Grammar – reporting speeches

Vocabulary – shades of meaning, Idioms and phrases (10)

Composition – Writing Paragraphs

TEXTS

“Hope” by Emily Dickinson (**Internal Testing**)

1. An extract from the Nobel Lecture by Mother Teresa
2. Angels Never Say “Hello!” by Dottie Walters
3. The Treasure by Alice Grey (Taken from Plant the seed by Timothy Kendrick)

UNIT II – Perseverance

Listening- for distinguishing / convert / summarize/(interview)

Speaking- a role play on the theme of perseverance (enactment of fables/ folk tales based on the theme)

Reading – read the passage (from encyclopedia) and draw a flowchart / tree diagram [main idea]

Writing- parallel writing

Grammar – descriptive discourse – degrees of comparison (describing person, city, places, things, weather climate)

Vocabulary – antonyms, idioms and phrases (10)

Composition – Creative writing

TEXTS

Mother to Son by Langston Hughes(**Internal Testing**)

1. **The Perseverance of a Spider.**
2. Two Gentlemen of Verona by A.J Cronin
3. Faith of determination and perseverance (about Walt Disney)

UNIT III – Tolerance/Benevolence/Compassion

Listening- for developing / relating (speech)

Speaking- simulate any personality related to humanity

Reading – scan the passage (life of ...) and write down key phrases to sum up [figurative languages]

Writing- case study / letter writing (personal)

Grammar –writing reports of events and processes (voices)

Vocabulary – Suffixes, idioms and phrases

Composition – imaginative writing

TEXTS:

Portrait of Gandhiji by Will Durant (1st Para) (**Internal Testing**)

1. Gitanjali (Poem No. 11) Leave this chanting – Rabindranath Tagore
2. The Selfish Giant – Oscar Wilde
3. The Price of a Miracle in *Rainbows follow rain* by Dan Clark

UNIT IV – Essential Life Skills/ Resilience

Listening- for deducing/ illustrating / subdivide to make notes (newspaper article)

Speaking- interviewing (gap activity) / picture description

Reading – in-depth reading to classify/ categorize [point of view]

Writing- Situational writing

Grammar – analysis of sentences – simple, compound, complex

Vocabulary – compound words, idioms and phrases

Composition – essay writing (proverb as title)

TEXTS:

The story of Rosa Parks (**Internal Testing**)

1. Life of Nelson Mandela
2. It's cool to be kechi by Juliet Hindell
3. 'Home they brought Her warrior dead' by Alfred Lord Tennyson

UNIT V – The Art of Living

Listening- for comparing and contrasting (personality/lives of two people)

Speaking- reporting from the magazine / newspaper

Reading - read the passage to draw inference / parallel reading [making connections]

Writing- creative writing

Grammar –'If' clause

Vocabulary – coinage, idioms and phrases

Composition – creative writing/imaginative writing

TEXTS:

“A Psalm of Life” by H.W. Longfellow (**Internal Testing**)

1. The Power of Limitless living - by Robin Sharma.
2. The Art of Understanding Other People by Clarence Hall
3. “Leisure” by William Henry Davies

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS

Second Year - Semester - III

Course Title	Major Core 5 – FISCAL ECONOMICS – I
Total Hours	75
Hours/Week	5 Hrs
Code	U18EC3MCT05
Course Type	Theory
Credits	5
Marks	100

General Objective:

To enable students to understand the fundamental theories of Public revenue, expenditure and borrowing and to sensitize them on the need of budgeting and financial administration

Course Objectives:

CO No.	Course Objectives
CO-1	Remember the Nature and Scope of Public Finance.
CO-2	Understand the Sources of Public Revenue.
CO-3	Remember the concepts of Shifting and incidence of Taxation
CO-4	Remember and understand the different kinds of taxes.
CO-5	Understand the various Classification of Public expenditure and its control.

Unit – I Nature and scope of Public Finance 16 Hrs
 a) Definition and meaning of Fiscal Economics - Scope and subject matter of public finance.
 b) Principle of public finance – Similarities and differences between Public finance and Private finance
 c) Distinction between private goods, public goods, merit goods and social goods, Theory of externality and market failure.
Extra Reading /Key Word: *Functional Finance and Coase theorem*

Unit -II : Public Revenue 16 Hrs
 a) Meaning and significance of public revenue – sources of public revenue – Tax and Non – tax sources
 b) Classification of Revenue- Canons of taxation – Effects of taxation
 c) Principles of taxation – Benefit principle, Equity principle and Ability to pay principle– Taxable capacity.
Extra Reading /Key Word: *Lindah’s Model and Bowen’s Model*

Unit – III : Shifting and incidence of taxation 15Hrs

- a) Meaning of impact, shifting and incidence of tax – factors influencing shifting of a tax
- b) Theories of shifting – criticisms.
- c) Incidence under different market and cost conditions.

Extra Reading /Key Word: *Incidence of Federal Taxes and Transfers*

Unit- IV : Kinds of taxes

14Hrs

- a) Classification of taxes – Direct & indirect tax – specific and ad valorem duties – progressive, Proportional, Regressive and Digressive tax systems-
A comparative study of proportional and progressive taxes
- b) Income tax – Corporate tax- Capital gains tax
- c) Commodity Taxation - Excise duties & Value added tax – Merits & Demerits only.- GST

Extra Reading /Key Word: *Ramsey and Green Taxes*

Unit- V: Public Expenditure

14Hrs

- a) Meaning & scope of public expenditure – objectives of public expenditure – Wagner’s Law of Public Expenditure
- b) Canons of public expenditure and classification of public expenditure
- c) Public expenditure in India - control of public expenditure.

Extra reading/Key words: *Public Debt and Fiscal Federalism*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the nature of public finance and difference between the private and public finance.	PSO 3	U
CO-2	Recall the meaning of public, private, merit and social goods	PSO 3	R
CO-3	Describe the different sources of public revenue	PSO 3	U
CO-4	Describe the different theories of taxation	PSO 3	U
CO-5	Describe the meaning shifting of taxation	PSO 3	U
CO-6	Discuss the incidence of taxes in different market conditions.	PSO 3	U
CO-7	List the different kinds of taxes	PSO 3	R
CO-8	Examine the objectives of public expenditure and analyse the different types of public expenditure in India	PSO 3	An
CO-9	Acquire the skill of financial administration of a region	PSO 3	Ap

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;An – Analyse; E- Evaluate; C – Create

References:

Text

Books:

1.Sankaran.S.(2010), Fiscal Economics, Shree Karthikeyan Publishers, Chennai.

Reference Books:

1. Bhatia, H.L., (2001) Public Finance, (Twenty second Edition) Vikas Publishing House Private Limited, New Delhi;
2. Cauvery,S. et.al.(2003), Public Finance ,S.Chand&Company Limited, New Delhi;

3. Singh, S.K.,(1996), Public Finance in Theory and Practice,(Fourth Edition) S.Chand& Company Limited, New Delhi;
4. Sundaram K.P.M. and K.K. Andley., (1998) Public Finance- Theory and Practice, (Fifteenth Edition) S.Chand& Company Limited, New Delhi.
5. Tyagi,B.P.,(1997), Public Finance,(Thirtieth Edition), Jai Prakash Nath& Company, Meerut; and
6. Varma M.M.and. R.K.Agarwal., (1998), Public Finance, King's Books, New Delhi.

(For candidates admitted from June 2018 onwards)
**HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2 DEPARTMENT
 OF ECONOMICS**

Second Year - Semester - III

Course Title	MAJOR CORE -6 – AGRICULTURAL ECONOMICS
Total Hours	75
Hours/Week	5 Hrs Wk
Code	U18EC3MCT06
Course Type	Theory
Credits	5
Marks	100

General Objective:

To make the students to studying and analyzing the aspects that influence the agricultural economy, agricultural financing, agricultural marketing, agricultural development and agricultural policy.

Course Objectives:

CO No.	Course Objectives
CO-1	Understand the role of agriculture in economic development
CO-2	Understand the role of land reforms in abolishing intermediaries
CO-3	Remember and understand the performance of agricultural labour in agricultural production.
CO-4	Describe the role of agricultural finance for agricultural development.
CO-5	Remember and understand the agricultural marketing and agricultural policies.

UNIT I: AGRICULTURE AND ECONOMIC DEVELOPMENT 15Hrs.

- a. Definition, scope, nature of agricultural economics
- b. Role of agriculture in economic development – Difference between agriculture and industry
- c. Food security – National Food Security Act – Farmers Producer Organization (FPO) – modified Public Distribution System (PDS)

Extra reading/Key words: *Interdependence of agriculture and industry.*

UNIT II: LAND REFORMS AND FARM SIZE 15Hrs.

- a. Land reforms: Objectives – Abolition of intermediaries – Features of abolition of intermediaries-critical evaluation.
- b. Meaning of economic holding – factors on size of economic holding – changing pattern of ownership and operational holding.
- c. Subdivision and fragmentations of land holding- problems of fragmentation of holding – Cooperative farming.

Extra reading/Key words: *Land Tenure*

UNIT III: AGRICULTURAL LABOUR 15Hrs.

- a. Magnitude of agricultural labour – causes for the poor economic conditions of farm labourer.
- b. Improving the conditions of agricultural labour – government measures of pertaining to agricultural

labour – MGNREGP and agricultural labour.

c. Agricultural employment – Trend and determinants.

Extra reading/Key words: *Problems of agricultural labour*

UNIT IV: AGRICULTURAL FINANCE

15Hrs.

a. Meaning of rural indebtedness – causes for rural indebtedness – consequences of rural indebtedness – remedies for the elimination of rural indebtedness

b. Need for agricultural credit – sources of agricultural finance: non – institution sources of finance and institution sources of finance

c. Regional Rural Bank: Progress and role of RRB – NABARD: functions of NABARD – kisan credit card – Crop Insurance scheme

Extra reading/Key words: *Factors determining demand for credit*

UNIT V: AGRICULTURAL MARKETING AND POLICIES

15Hrs.

a. structure and types of agricultural market – agricultural marketing in India- basic facilities needed for agricultural marketing.

b. Features of regulated market – Cooperative marketing: advantages, development and progress – government and agricultural marketing – contract farming & forward trading.

c. Agricultural price policy : objectives, Elements.

Extra reading/Key words: *Agricultural subsidies*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain and recollect the scope, nature of agricultural economics and also study the role of agricultural economics.	PSO 5	U
CO-2	Describe the National Food security act and Farmers Producer Organisation	PSO 5	U
CO-3	Explain the objectives of land reforms and features of abolition of intermediaries	PSO 5	U
CO-4	Describe the land holding pattern and sub division & fragmentations of land holding.	PSO 5	U
CO-5	Discuss the performance of agricultural labour and government measures of pertaining to agricultural labour.	PSO 5	U
CO-6	Explain the importance of agricultural finance and different sources of agricultural finance.	PSO 5	U
CO-7	Classify the rural indebtedness and their causes and consequences of rural indebtedness.	PSO 5	An
CO-8	Explain the agricultural marketing and agricultural policies.	PSO 5	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References:

Text Books:

Soni.R.N & Sangeeta Malhotra (2018). Leading issues in Agricultural Economics, Vishal Publishing co.

Reference Books:

- Datt, R., & Sundaram, K. P. M. (2008). Indian Economy, New Delhi: S. Chand and Co.
- Bilgrami, S.A.R. (2000), An Introduction to Agricultural Economics, (2nd edition), Himalaya Publishing House, Mumbai.

- Sadhu, A.N. and J. Singh (2000), Agricultural Problems in India, (3rd edition), Himalaya Publishing House, Mumbai.

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS

Second Year - Semester - III

Course Title	Allied Optional:1 – Mathematical Methods in Economics
Total Hours	60
Hours/Week	4 Hrs /Wk
Code	U18EC3AOT01
Course Type	Theory
Credits	3
Marks	100

General Objective:

To enable the students to understand the use of the mathematical methods and applying it to **economic propositions**.

Course Objectives:

CO No.	Course Objectives
CO-1	Understand the use of numbers and equations.
CO-2	Understand the use of Analytical Geometry and its application in arriving at equilibrium price.
CO-3	Apply the tool of Matrix Algebra.
CO-4	Understand the process of differentiating power function and its application in revenue and cost functions
CO-5	Understand the process of integrating polynomials and its application in Consumer's Surplus.

Unit-I: Introduction to Number System and Equation.

12 Hrs.

- a. Simple operations on decimal and whole numbers, Proportions.
- b. General term of an A.P- sum to n term of an A.P.- Meaning of Geometric progression
- c. Equations- linear equations, Solutions to linear equations with two & three variables
- d. Quadratic equations – Finding the roots of the equations, Nature of the roots
Formation of quadratic equation with given roots-sum & product of the roots of the equation.

Extra Reading Key Word: *Harmonic Progression - series, sequence- factorization*

Unit - II: Analytical Geometry

12 Hrs.

- a. Distance between two points, Types of triangle – area of the triangle – median of a triangle
- b. Forms of equations: Two point form, point slope form, slope intercept form and two intercepts Form.
- c. Point of intersection of two straight line- concurrent line- parallel lines – perpendicular lines.
- d. Application of straight line in Economics: Equilibrium price and quantity demanded and quantity supplied.

Extra Reading Key Word: *Equation of a straight line – point of intersection*

Unit - III Matrix Algebra.

12 Hrs.

- a. Definition
- b. Types of matrices
- c. Matrix addition – matrix subtraction- Matrix multiplication- singular

matrix- matrix transpose

- d. Determinants- expansion of determinants- matrix inversion- Minors & cofactors- adjoint Matrix- solving linear equation using Cramer's rule.

Extra Reading Key Word: Use of matrix in input-output model

Unit –IV: Differential Calculus-I

12 Hrs

- a. Differentiation of polynomials, Differentiation of power function $X^n(ax+b)^n$
 b. Differential coefficient of sum, Difference - product-Quotient
 c. Application of differentiation in Economics: Elasticity of Demand
 d. Application of differentiation in Economics: Revenue and Cost Functions- Deriving MR and AR from TR function, Deriving TR from AR and MR functions.

Extra Reading Key Word: Profit maximizing output of a firm under different market conditions

Unit – V Differential Calculus-II

12 Hrs

- a. Successive Differentiation (up to 3rd order derivative)
 b. Maxima & minima- condition for the function to be maximum or minimum.
 c. Application of differentiation in Economics: Optimization: Minimum cost, Maximum Revenue and Maximum Profit
 d. Application of differentiation in Economics: Finding the equilibrium output, price, profit, cost and revenue of a firm.

Extra Reading Key Word: Implicit function

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Find solution to the operations on numbers and equations	PSO 6	Ap
CO-2	Find the arithmetic sequences and compute the common difference, first term general term of an arithmetic sequence from the information given about the sequence.	PSO 6	Ap
CO-3	Find the distance between two points, form a linear equation with a given set of information and apply the same in arriving at the equilibrium price of a firm.	PSO 6	Ap
CO-4	Apply the tool of Matrix Algebra to find solution to the problems of addition, subtraction, multiplication and determinants.	PSO 6	Ap
CO-5	Solve the system of linear equations using Cramer's Rule.	PSO 6	Ap
CO-6	Know the basic rules of differentiation and use them to find derivatives of products and quotients.	PSO 6	R
CO-7	Find maxima and minima and know how apply the same in finding equilibrium price, output, cost and profit of a firm.	PSO 6	Ap
CO-8	Understand the process of integrating polynomials and its application in consumer's surplus.	PSO 6	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References:

Textbook:

Agarwal C.S and Joshi R.C, (1987), (2nd Edition) Mathematics, New academic Pub. Co., Jalandhar.

Books for Reference

- Madnani GMK, Mehta Gmc, Mathematical Economics (2013) sultan chand & Sons Ltd, New Delhi.

- Helan M . Walker, (1970), Mathematics Essential for Elementary Statistics,. Oxford & IBH Pub., New Delhi;
- Bose, (1996), An Introduction to Mathematical Economics, Himalaya pub., New Delhi;
- Schaum's Outline series, Mathematical economics

(For candidates admitted from June 2018 onwards)
**HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2 DEPARTMENT
 OF ECONOMICS**

SECOND YEAR - SEMESTER III

Course Title	SBE – 3 Computer Literacy in Economics
Total Hours	30
Hours/Week	2
Code	U19EC3SBT03
Course Type	Theory cum practical
Credits	2
Marks	100

General Objective: To enable the students to know the usage of computers and apply its usage in illustrating the concepts of Economics.

Course Objectives:

The student will be able to

CO 1	Apply the office packages to gain a better understanding of the computer.
CO 2	Understand the functions of smart devices and online transactions
CO 3	Analyse the purpose of social networking and cyber security in the e-world
CO 4	Illustration of economic variables using MS Excel
CO 5	Application of Descriptive statistics and economic forecasting using MS Excel

Unit I: Office Packages:

6hrs.

MS- Word :Creation of Documents (letters, Bio- data, etc).Creation of Tables, Formatting Tables (Time table, Calendar, etc).Working with Mail Merge(Circular letters).

MS – Excel: Creation of Worksheet (Mark Sheet, Pay Slip, PF Contribution list, etc). Excel Function (Date, Time, Statistical, Mathematical, Financial Functions). Creating charts (Line, Pie, Bar, etc).

MS- Power Point : Creation of Presentations(Duplicate and New slides, Layouts, View, Slide show, etc.,). Working with objects (Movie, Sound, Word, Excel, etc.,) Working with Transition and Animation effects(Text, Object, Pictures)

Extra Reading/Key words: *Units of Data Storage.*

Unit II: Smart Devices and Online Transactions:

6hrs.

Smart phone – Types : Tablet PC , Smart TV, Smart Camera, Smart Watch and Smart Oven.Operating system for Smart phones- Apple iOS, Android, Windows 10, Blackberry, Symbian and Bada. Benefits of Smart Phones.

Commerce and M-Commerce: Components of E-Commerce- history, types, and benefits of each (B2B, B2C, C2B, C2C). Business to Government E-Commerce. M-Commerce-History, customers point of view and the provider point of view. Applications of M-Commerce- Mobile ticketing, mobile money transfer, mobile banking, mobile marketing and advertising. Payment methods in M-Commerce- Premium rate telephone numbers, Direct mobile dealing , Macro, Micro payment services and mobile wallets.**Extra**

Reading/Key words: *Google play for Android Phones*

Unit III: Social Networking and Cyber Security

6hrs.

Social Networking Sites: Characteristics of Social Networking Website- Examples of Social Networking Services (Facebook, SnapChat, Instagram, Whatsapp, Pinterest, Tumblr, Linkedin, Twitter, Quora and Patreon). Advantages and Disadvantages of Social Network.

Cyber law: Evolution and Historical events in cyber law. Case studies- Article taken from Media. Building blocks of cyber law(Netizens, Cyber space and Technology). Cyber Crime, Electronic and Digital devices, Intellectual Property, Data Protection and Privacy. Merits and Demerits of Cyber crime.
Extra Reading/Key words: *How to stay out of trouble from Social Network.*

Unit IV: Economic Functions

6hrs.

Demand Function- Supply Function- Equilibrium of Demand and Supply Curve- Cost function curves (FC, AC, MC, TC, TVC, AVC, AFC and TFC)

Elasticities: Elastic Curve- Inelastic Curve – Perfectly Elastic Curve- Imperfect Elastic Curve- Unitary Elastic Curve- Elasticity of Demand & Supply curve- Price Elasticity- Income Elasticity- Cross Elasticity

Extra Reading/Key words: Revenue Function Curves.

Unit V: Data Analysis and Trend Forecasting

6hrs.

Usage of following MS Excel’s Library functions for data analysis and forecasting- Trend Analysis and Regression Analysis.

SUM, AVERAGE, MEDIAN, MODE, STDEV, VAR, CORREL, COVAR, NORMDIST, NORMINV, BINOMDIST and GROWTH

Extra Reading/Key words: HARMEAN and GEOMEAN.

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand the uses of the MS Office packages.	PSO 6	U
CO-2	Explain the benefits of smart devices and application of online transactions.	PSO 6	U
CO-3	Recall the purpose of social networking and cyber security in the e-world.	PSO 6	R
CO-4	Understand the application of MS Excel with economic functions.	PSO 6	U
CO-5	Explain the Usage of MS Excel’s Library functions for data analysis and forecasting	PSO 6	U

Books for Reference:

1. Mastering Ms-Office by Bittu Kumar
2. Computer Application in Economics- - Dr. Dhanasekaran
3. https://www.webopedia.com/DidYouKnow/Hardware_Software/mobile-operating-systems-mobile-os-explained.html
4. <https://makeawebsitehub.com/social-media-sites/>
5. https://www.tutorialspoint.com/information_security_cyber_law/information_security_cyber_law_tutorial.pdf
6. https://www.tutorialspoint.com/information_security_cyber_law/information_security_cyber_law_tutorial.pdf
7. <https://www.irjet.net/archives/V4/i6/IRJET-V4I6303.pdf>

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI-2 DEPARTMENT OF ECONOMICS

Second Year - Semester – III

Course Title	Part – IV Industrial Relations
Total Hours	11
Hours/Week	1 Hrs Wk
Code	----
Course Type	Theory
Credits	1
Marks	50

General Objective:

To enable the students to understand the concepts and the basic issues involved in industrial Relation.

Course Objectives:

CO No.	Course Objectives
CO-1	Remember and understand the concept of industrial relation
CO-2	Understand the methods of settling industrial disputes.
CO-3	Understand the characteristics of Indian labour and conditions of labour.
CO-4	Understand the factors influencing collective bargaining units and levels.
CO-5	Remember the Problems of trade unions and trade union movement in India.

Unit – I Introduction to industrial relations

Industrial relations – concepts- importance of industrial relations – Scope and aspects of industrial relations – Factors affecting Industrial Relations – Dunlop’s industrial Relation system – Characteristics of the Indian IR system – Industrial Relations in India.

Extra Reading/Key words: Industrial Relation in other countries

Unit – II Industrial Disputes

Industrial disputes – meaning – methods of settling industrial disputes – settlement under the influence of the state – Different methods of disputes settlements in India – procedure for the settlement of industrial disputes.

Extra Reading/Key words: Dispute settlement: case study

Unit – III Employment and Indian Labour

Introduction – industrialization – post independence industrialization – post – liberalization trends – characteristics of Indian labour conditions of labour – recent employment trends.

Extra Reading/Key words: Success stories of countries with industrialization

Unit – IV Collective Bargaining

Meaning - importance - factors influencing bargaining units and levels – subject matters of collective of bargaining – Collective Agreements – Hurdles to collective bargaining in India.

Extra Reading/Key words: Case study of success stories

Unit –V Trade Union

Trade Union – definition – concept – features – types and structure of trade unions – Problems of trade unions – Trade union movement in India.

Extra Reading/Key words: Case study of successful Trade Unions

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the concepts industrial relation.	PSO 4	U
CO-2	List out the methods of settling industrial disputes.	PSO 4	R
CO-3	Describe the characteristics of Indian labour and conditions of labour.	PSO 4	U
CO-4	Explain the factors influencing collective bargaining units and levels.	PSO 4	U
CO-5	Discuss the Problems of trade unions and trade union movement in India.	PSO 4	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References:

1. Ratna sen, “Industrial Relation Macmillan publishers India Ltd., 2011.
2. P.R.N. Sinha, India Balasinha, seema priyadarshini shekhar, “Industrial Relations , Trade unions, and labour legislation”, Pearson Education (Singapore) pte. Ltd., 2004.
3. D.K. Lal Das, “Industrial Relations in India”, S. Chand and company Ltd, 1983.
4. Mamoria, Gankar, “Dynamics of industrial Relations”, Himalaya publishing house, 2003.]

HOLY CROSS COLLEGE (Autonomous), Tiruchirappalli - 620 002.

TAMIL DEPARTMENT

For Candidate admitted from 2015 onwards

Second Year - Semester – IV

Course Title	இரண்டாமாண்டு –நான்காம் பருவம்
Total Hours	75
Hours/Week	5 Hrs Wk
Code	U15TL4TAM04
Course Type	Theory
Credits	3
Marks	100

General Objectives:

வாழ்வியல் நெறிகளாகிய அறம், பொருள், இன்பம், வீடுபேறு ஆகியவற்றின் மேன்மையை எடுத்துரைத்தல்

- Make the student to understand the cultural and tradition of Tamilians.
- Student will learn understand the religions knowledge to Sustain
- Understand the depth of Tamil Literature & Culture.
- Know about the structure of the family, manners is disciplines.
- Know about the right of equality.

Course Objectives:

CO No.	Course Objectives
CO-1	அறம், பொருள், இன்பம், வீடுபேறு ஆகியவற்றின் மேன்மையை உணர்த்துதல்.
CO-2	இலக்கியங்களின் வாயிலாக வாழ்க்கைத் தத்துவத்தினை அறியச் செய்தல்.
CO-3	தமிழ் இலக்கிய வரலாற்றின் வாயிலாகத் தமிழரின் பண்பாடு, கலாச்சாரத்தை அறியச் செய்தல்.
CO-4	மனிதநேய சிந்தனைகளை உருவாக்குதல்.
CO-5	மொழிப்பெயர்ப்புத்திறனை வளர்த்தல்.

அலகு:1 செய்யுள்

15 Hrs

1. குறுந்தொகை

1. கொங்கு தேர் வாழ்க்கை அஞ்சிறைத் தும்பி - இறையனார்
2. யாரும் இல்லை தானே கள்வன் - கபிலர்
3. வேம்பின் பைங்காய்என் தோழி தரினே – மிளைக்கந்தன்
4. உள்ளது சிதைப்போர் உளரெனப் படாஅர் - பாலை பாடிய பெருங்கடுங்கோ
5. நோற்றோர் மன்ற தோழி – குறுங்குடி மருதன்

2. நற்றிணை

1. மனையுறை புறவின் செங்கால் பேடை
2. நீள்மலைக் கலித்த பெருங்கோற் குறிஞ்சி - பாண்டியன் மாறன் வழி
3. ஆய்மலர் மழைக்கண் தெண்பனி உறைப்பவும் - நல்விளக்கனார்
4. சிறுவீ முல்லைப் பெரிது கமழ் அலரி - மதுரை பேராலவாயர்

3. கலித்தொகை

1. எறித்தரு கதிர்தாங்கி ஏந்திய குடைநீழல் - கபிலர்
2. பாடுகம் வா வாழி தோழி - கபிலர்

அலகு:2

15 Hrs

அகநானூறு

- 1.வானம் வாய்ப்பக் கவினிக் கானம் - சீத்தலைச் சாத்தனார்
2. எம்வெங் காம மியைவதாயின் - மாமூலனார்

5.புறநானூறு

1. நின் நயந்து உறைநர்க்கும் - பெருஞ்சித்திரனார்
2. காய்நெல் அறுத்துக் கவளம் கொளினே - பிசிராந்தையார்
3. படைப்புப் பலபடைத்து - பாண்டியன் அறிவுடைநம்பி
4. கேட்டல் மாத்திரை - கோப்பெருஞ்சோழன்
5. ஈன்று புறந்தருதல் எந்தலைக் கடனே - பொன்முடியார்

6. பதிற்றுப்பத்து - ஐந்தாம் பத்து

1. சுடர் வீ வேங்கை
2. தசம்பு துளங்கு இருக்கை
3. ஊன்துவை அடிசில்

7. திருக்குறள்

1. அறத்துப்பால் - இனியவை கூறல்
2. பொருட்பால் - வினை செயல்வகை
3. காமத்துப்பால் - புலவி நுணுக்கம்

அலகு:3

15 Hrs

தமிழ் இலக்கிய வரலாறு

சங்ககாலம் - சங்கம் மருவியகாலம்

எட்டுத்தொகை, பத்துப்பாட்டு, பதினெண்கீழ்க்கணக்கு நூல்கள்

அலகு:4

15 Hrs

வாழ்க்கை வரலாறு

அன்னை தெரசா - பா. தீனதயாளன்

key Words (Extra Reading)

அக்னி சிறகுகள் - அப்துல் கலாம்

Note: Texts given in the Extra reading /Key words must be tested only through Assignment and Seminars.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	உலக உயிரினங்களை உறவாகக் கொள்ளும் மனநிலையைப் பெறச்செய்தல்.	PSO 1	U
CO-2	புற இலக்கியங்களின் வாயிலாக பண்டைத் தமிழரின் வாழ்க்கைத் தத்துவத்தினை அறிவர்.	PSO 2	AN
CO-3	தமிழரின் பண்பாடு, அறஒழுக்கம் முதலானவற்றை உணர்ந்து தானும் அறவழியில் செயல்படுவர்.	PSO 2	R
CO-4	அன்னை தெரசாவின் உயரிய சேவையை உணர்ந்து தன் வாழ்க்கையில் பின்பற்றுவர்.	PSO 3	U
CO-5	மொழிப்பெயர்ப்புத்திறனை வளர்த்துக் கொள்வர்.	PSO 4	C

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

பாட நூல்கள்

- | | |
|------------------------------------|----------------------------|
| 1. செய்யுள் | - தமிழாய்வுத்துறை வெளியீடு |
| 2. தமிழ் இலக்கிய வரலாறு | - தமிழாய்வுத்துறை வெளியீடு |
| 3. வாழ்க்கை வரலாறு
பா.தீனதயாளன் | - அன்னை தெரசா |
| 4. மொழிப்பெயர்ப்பு | - தமிழாய்வுத்துறை வெளியீடு |

(For candidates admitted 2016 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI – 2
DEPARTMENT OF FRENCH
SEMESTER IV

Course Title	PART I – LANGUAGE - FRENCH PAPER IV (LANGUAGE & CULTURE (ÉCHO A2 2 ^e édition)
Total Hours	75
Hours/Week	5 Hrs/Wk
Code	U16FR4FRE04
Course Type	Theory
Credits	3
Marks	100

General Objective: To enable the students to analyse and evaluate French cultural aspects and use the accumulated vocabulary and grammatical aspects in creative writing.

Course Objectives (CO):

The learner will be able to

CO1	Apply pronouns and create texts; appreciate and analyse French cuisine and festivals
CO2	critically evaluate the art forms of 20 th century and apply conditional present tense in a text
CO3	remember savoir-faire in France and apply reported speech in story writing
CO4	analyse the consequences of immigration, sports and adventures; apply passive voice in a text
CO5	understand the usage of possessive pronouns and analyse the rhythm of life in France

Unit 1 C'est la fête! (18Hours)

Les pronoms objets directs et indirects – parler d'une fête – exprimer des goûts et des préférences – fêtes sans frontières – plats des fêtes – les jours fériés – les saisons

Extra Reading (Key Words): étude comparée des fêtes françaises et indiennes.

Unit 2 Vousplaisez! (18Hours)

Le conditionnel présent, la distinction du futur et du conditionnel – le mouvement en général – raconter une anecdote – journée de détente – la naissance d'un chef d'œuvre - l'art au début du 20^e siècle – le plaisir de jeux de mots.

Extra Reading (Key Words): Histoire du monde au début du 20e siècle.

Unit 3 On s'entend bien! (18Hours)

Les constructions « faire + verbe » et « laisser + verbe », le discours rapporté – décrire le caractère ou le comportement, exprimer l'accord et le désaccord – le langage des couleurs – sujets de conversation – sujets d'étonnement.

Extra Reading (Key Words): les taboos

Unit 4 À vos risqué et périls!

(18Hours)

Le subjonctif présent, la voix passive – l’aventure d’aujourd’hui – travailler pour la planète – réussites et échecs - marathon de Paris – plaisir des sports – les sports les plus regardés et pratiqués - les français et les sports.

Extra Reading (Key Words): les sportifs français

Unit 5 La vie est dure

(18Hours)

Les pronoms possessifs, les adjectifs, les pronoms indéfinis – parler de ses activités quotidiennes, exprimer la confiance ou la méfiance – les tâches ménagères – la France insatisfaite - sans travail.

Extra Reading (Key Words): entretien d’une personne.

Course outcomes	Cognitive level
Design a text using pronouns	C
Discover a French recipe	An
Narrate an anecdote	C
Critically evaluate modern art forms	E
Infer reported speech and passive voice in a story	C
Explain the influence of immigration on sports	An
Examine the rhythm of life in France	An

TEXT BOOKS :

ECHO A2 – METHODE DE FRANÇAIS & CAHIER PERSONNEL D’APPRENTISSAGE

Authors: J. Girardet and J. Pécheur Publication: CLÉ

INTERNATIONAL, 2013.

Books for Reference:

La Conjugaison – Nathan

French made easy – Intermediate level - Goodwill Publishing House Je parle français III

– Abhay Publications

Le français avec des jeux et des activités - ELI Langue et la

civilisation – I – Mauger Bleu

Note : Texts given in the Extra Reading (Key Words) must be tested only through Assignment and Seminars.

(For the candidates admitted from June 2018 onwards)

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-620002
DEPARTMENT OF HINDI
SEMESTER – IV

Course Title	PART – I LANGUAGE HINDI -IV FUNCTIONAL HINDI & TRANSLATION
Total Hours	75
Hours/Week	5Hrs/Wk
Code	CODE: U18HN4HIN04
Course Type	Theory
Credits	3
Marks	100

General Objective : To enable the students to Learn the Language Skills.

Course Objectives (CO):

The learner will be able to

CO No.	Course Objectives
CO -1	apply technical translation in Functional Hindi
CO- 2	understand and evaluate global marketing
CO- 3	create general essays
CO- 4	apply the formats and create office orders
CO- 5	apply translation techniques in a text.

UNIT – I

(15 Hours)

1. Personal Letters
2. Technical Terms
3. Translation Ex-1
4. General Essay - Pollution

UNIT- II

(15 Hours)

1. Commercial Letters
2. Technical Terms
3. Translation Ex-4
4. General Essay - Globalisation

Extra Reading (Key Words) : *Vyavasayikata*

UNIT- III

(15 Hours)

1. Office Memorandum
2. Technical Phrases
3. Translation Ex-6
4. General Essay – Self Employment

Words) : *Kisan*

UNIT- IV:**(15 Hours)**

1. Office Order
2. Technical Phrases
3. Translation Ex-13
4. General Essay – India – Unity in Diversity **Extra Reading (Key**

Words): *Hamara Bharat*

1. Circular
2. Reminder
3. TranslationEx-15
4. General Essay – My Favourite Author

Extra Reading (Key Words): *Jayashankar Prasad, Premchand***Course Outcomes:**

CO No.	Course Outcomes	Cognitive Level
CO -1	Utilize technical terms in translating a text.	Ap
CO- 2	Mark the global brands and their countries.	U, E
CO- 3	Develop an essay on any social issue.	E, C
CO- 4	Formulate an office order for the university	Ap, C
CO- 5	Make use of translation techniques in a text.	Ap

CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyze; E- Evaluate; C- Create Prescribed Books

- Vyavaharik Hindi, by Dr. Mahendra Mittal, Shabari Sansthan, Delhi.
- Aalekhan Aur Tippian: Prof. Viraj, M.A; Raj Pal And Sons; Kashmiri Gate, Delhi.
- Anuvad Abhyas : Bholanath Tiwari; Lokbharathi Prakashan; New Delhi.

Reference Books :

- Raj Bhasha Hindi Aur Vuska Swaroop- Shanthi kumar Syal; Parampara Prakasha, Delhi.
- Vyaharopayogi evam kam kaji Hindi – Ananth Kedharea .; Sahityayan Prakashan; Kanpur.

(for candidates admitted from June 2017 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS), Tiruchirapalli – 620002
PG AND RESEARCH DEPARTMENT OF ENGLISH
I YEAR UG – SEMESTER I
PART II – ENGLISH 4 - GENERAL ENGLISH IV

HOURS : 6
CREDIT : 3

CODE : U15EL4GEN04
MARKS: 100

EMPLOYABILITY SKILLS

OBJECTIVES:

1. To develop both receptive (reading, listening) and productive (speaking, writing) skills through communicative classes.
2. To acquire proficiency in oral and written language.
3. To train the students for employability skills such as team skills, communication skills and presentation skills.
4. To acquire values related to personal integrity and excellence in work propagated in the literary works.
5. To create interest among students for self-learning.

UNIT I – Personal integrity –Honesty, dependability, adaptability and loyalty.

Listening to identify a person's attitude, values, situation and the decision made.

Speaking about one's action, expressing opinions, character analysis.

Reading for comprehension (inferring a character's method of managing a situation, adaptability and the like).

Writing recommendations.

Grammar – use of appropriate adjectives and adverbs in contexts and reporting speeches

Vocabulary – differentiating shades of meaning, use of idioms and phrases in sentences

Composition – Your thoughts are the architects of your destiny – David O' McKay

Honesty is the first chapter in the book of wisdom – Thomas Jefferson

TEXTS

1. "How far is the river" by Ruskin Bond
2. *The Pie and the Tart* by Hugh Chesterman.
3. An excerpt from Shakespeare's "Julius Caesar" Act III Scene II Lines 13 - 33– Antony's speech

UNIT II – Key to success – Self-esteem, perfection and excellence

Listening to differentiate duty from obligation.

Speaking – Discussing one's knowledge about different subjects, learning skills, thirst for knowledge, learning from experiences.

Reading for comprehension exhibiting higher perception of life's experiences.

Writing paragraphs with cause and reason, analyzing motives behind people's actions and behavior.

Grammar – use of cohesive devices

Vocabulary – figures of speech– simile, metaphor.

Composition –

1. Excellence is not a destination, it is a continuous journey that never ends – Brian Tracy
2. To be perfect is to change often – Winston Churchill

TEXTS

1. Our urgent need for self-esteem by Nathaniel Brandon.
2. Five senses by Judith Wright
3. Three questions by Leo Tolstoy

UNIT III – Team skills

Listening to speaker's ideas, opinions, and suggestions and analyzing their character.

Speaking –Discussing, questioning, interacting, respecting, sharing and participating.

Reading for comprehension – absorbing the attitude of the people.
Writing – personal essays and report writing
Grammar – use of inverted structures
Vocabulary –New words in current usage.
Composition –1. “Talent wins games, but teamwork and intelligence wins championships.”
2. “It takes two flints to make a fire.”

TEXTS

1. “The Little Black Boy” by William Blake
2. How to get cooperation by Dale Carnegie.

UNIT IV – Communication skills for interpersonal relationship

Listening to specific information and guessing.
Speaking –Facing interview and situational speeches (Master of ceremony, felicitation and the like).
Reading for comprehension to identify the methods of persuasion.
Writing formal letters and invitations.
Grammar – Transformation of sentences.
Vocabulary – Words related to technical registers.
Composition –1. “Communication is an art form that is crafted throughout our lives.”
2. Birds of same feather flock together.

TEXTS

1. The Refund by Fritz Karinthy

UNIT V –Presentation skills

Listening to commands, information, announcements, and discussions in a meeting.
Speaking –role play in panel discussion, mock parliament and public speaking.
Reading for comprehension.
Writing agenda, minutes, memo, notice, circular, project proposal.
Grammar – use of simple, compound, complex, imperative sentences and punctuations.
Vocabulary – Business terms.
Composition – writing a project.

TEXTS

1. An excerpt from Abraham Lincoln’s speech in Gettysburg.

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2 DEPARTMENT
OF ECONOMICS

Second Year - Semester - IV

Course Title	Major Core 7 – FISCAL ECONOMICS – II
Total Hours	75
Hours/Week	6 Hrs /Wk
Code	U18EC4MCT07
Course Type	Theory
Credits	5
Marks	100

General Objective:

To enable the students to understand about the different types of loans raised by central, State and Local governments and students to critically review the budget of the union government, fiscal policy and the recommendations of the finance commissions.

Course Objectives:

CO No.	Course Objectives
CO-1	Remember the concept of public debt, its types and sources and understand the management of public debt in India
CO-2	Understand the process of financial administration of Central, State and Local bodies.
CO-3	Understand the functions of the finance commission.
CO-4	Understand the budgetary procedure and importance of the budget.
CO-5	Understand the Instruments of Fiscal policy.

Unit- I Public debt 15Hrs.

- a) Meaning, classification sources and significance of public debt – burden of public debt.
- b) Public debt management and methods of debt redemption
- c) Public debt in India

Extra Reading /Key Word: *Terminal Annuities*

Unit- II Finances of Central, State and Local bodies 15Hrs.

- a) Meaning and principles of financial administration – agencies involved in financial administration
- b) Federal finance – principles and problems – centre – state financial relations – Sharing of financial Resources.
- c) State and local finance

Extra Reading /Key Word: *Consolidated Fund*

Unit- III Finance commission 15Hrs.

- a) Finance commission – meaning and functions of the finance commission
- b) Planning Commission vs Finance Commission vs NITI Aayog. A brief review of finance commission.
- c) Comparison of the previous and current finance commissions only

Extra Reading /Key Word: *Think Tank*

Unit- IV Budget

15Hrs.

- a) Meaning, Types, Budgetary procedure and importance of the budget.
 b) Objective of the budget – balanced and unbalanced budget- Normative theory of budget.
 c) Review of previous and current year's budget. Performance and zero Based Budgetin
 Extra Reading /Key Word: *discussion of the present and past budget.*

Unit- V: Fiscal policy

15Hrs.

- a) Meaning and objectives of fiscal policy.
 b) Instruments of fiscal policy-Role of Fiscal policy.
 c) Deficit financing –meaning, objectives and effects of deficit financing - an analysis of the recent trends in deficit financing in India. FRBM Act.
 Extra Reading /Key Word: *Fiscal Policy and Economic Development*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the different classification, sources and significance of public debt.	PSO 3	U
CO-2	Discuss the role of Public debt in India.	PSO 3	U
CO-3	Explain the principles of financial administration.	PSO 3	U
CO-4	Examine the functions of the finance commission.	PSO 3	An
CO-5	Examine the Planning Commission and Finance Commission	PSO 3	An
CO-6	Discuss the previous and current year's budget.	PSO 3	U
CO-7	Discuss and analyze the Budgetary procedure and importance of the budget.	PSO 3	An
CO-8	Discuss the recent trends in deficit financing in India.	PSO 3	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References:

Text Books: Sankaran. S (2015), Fiscal Economics, MARGHAM Publications

Reference Books:

1. Bhatia, H.L., (2001) Public Finance, (Twenty second Edition) Vikas Publishing House Private Limited, New Delhi;
2. Cauvery, S. et.al.(2003), Public Finance, S.Chand&Company Limited, New Delhi;
3. Singh, S.K.,(1996), Public Finance in Theory and Practice,(Fourth Edition) S.Chand& Company Limited, New Delhi;
4. Sundaram K.P.M. and K.K. Andley., (1998) Public Finance- Theory and Practice, (Fifteenth Edition) S.Chand& Company Limited, New Delhi.
5. Tyagi, B.P.,(1997), Public Finance,(Thirtieth Edition), Jai Prakash Nath& Company, Meerut; and
6. Varma M.M.and. R.K.Agarwal., (1998), Public Finance, King's Books, New Delhi.

(For candidates admitted from June 2018 onwards)
**HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2 DEPARTMENT
 OF ECONOMICS**

Second Year - Semester – IV

Course Title	ALLIED OPTIONAL 2- INTRODUCTION TO ECONOMETRICS
Total Hours	60
Hours/Week	4 Hrs/Wk
Code	U18EC4AOT02
Course Type	Theory
Credits	4
Marks	100

General Objective:

To equip the students graduating in economics with the knowledge of the basic concepts of Econometrics and its application in order to enable them to have a rigorous understanding of economic problems and their inter-relationship between economic variables.

Course Objectives:

CO No.	Course Objectives
CO-1	Remember the basic concepts of econometrics and will get introduced to the subject matter of econometrics.
CO-2	Understand the steps involved in the methodology of econometric research.
CO-3	Apply the tools of Correlation and Regression in estimating the coefficients of a linear Equation
CO-4	Apply the tests of significance in testing the research hypotheses.
CO-5	Understand the use of dummy variables and lagged variables in regression models.

Unit-I Introduction to Econometrics **12 Hrs.**

- a) Meaning and definition of Econometrics – Statistics Vs. deterministic relationship – Causes for random disturbances
- b) Scope and objectives of Econometrics - Econometrics & mathematics – Econometrics & Statistics.
- c) Goals and Limitations of Econometrics

Extra reading (Key Words): *Econometric application in other fields of knowledge*

Unit-II Methodology of Econometric Research **12 Hrs.**

- a) Meaning of model – desirable properties of an econometric model- specification and Estimation of the model – evaluation of the forecasting power of the model
- b) Estimation – difference between estimate and estimator – Types of estimation – Properties of a good estimator
- c) Ordinary least square method (OLS)-Assumptions.

Extra reading (Key Words): *Maximum likelihood estimator*

Unit-III Correlation and Regression analysis **12 Hrs.**

- a) Correlation and regression

- b) Rank correlation and coefficient of determination
- c) Linear Regression model-Parameter estimation using intermediate results.

Extra reading (Key Words): *Multiple regression models.*

Unit-IV Hypothesis and test of significance

12 Hrs.

- a) Meaning and type of hypothesis – Level of significance – meaning and utility of Standard error – Type I and Type II Error
 b) Tests of significance - standard error tests–t test – test of correlation and regression coefficients
 c) F-test as a test of overall significance of regression model.

Extra reading (Key Words): *Tests of significance of estimated parameters*

Unit- V Dummy variables & Lagged variables

12 Hrs.

- a) Dummy variables – Nature of Dummy variables- Use of dummy variables
 b) Dependent dummy variable- Probit, Logit and Tobit models (concepts only)
 c) Lagged variables – meaning –causes for the growth of time lag

Extra reading (Key Words): *Modeling a data set with dummy variables*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Recall the basic concepts of econometrics and also study the subject matter of econometrics.	PSO 6	R
CO-2	Compare the knowledge of econometrics and its use with other disciplines	PSO 6	U
CO-3	Understand the steps involved in the methodology of econometric research.	PSO 6	U
CO-4	Distinguish between an estimator and an estimate and spell out the properties of a good Estimator	PSO 6	An
CO-5	Remember the assumptions of OLS	PSO 6	R
CO-6	Discuss the use of the tools of Correlation and Regression in estimating the coefficients of a linear Equation	PSO 6	U
CO-7	Describe the tests of significance in testing the research hypotheses.	PSO 6	U
CO-8	Relate the use of dummy variables and lagged variables in regression models	PSO 6	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

References:

Text book : Koutsoyiannis. (1978), Theory of Econometrics, second edition, Macmillan press , ltd, Hong Kong.

Books for Reference:

- Gujrathi.D.(1999),Basic Econometrics.(Second edition) Macmillan, pub. New York; Damodar.N.Gujarathi(2003) Mcgraw-Hill(Fourth Edition) Macmillan, pub. New York;
- G.M.K.(1980), Introduction to Econometrics (Second edition)Oxford &Publishing Co.,New Delhi;
- Maddala G.S.(1989),Introduction to econometrics, Macmillan , pub. New York; and
- Singh Parashar Singh.,(1988),Econometrics& Mathematical Economics,S.Chand & Company, New Delhi.

(For candidates admitted from June 2018 onwards)
**HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2 DEPARTMENT
 OF ECONOMICS**

Third Year - Semester – IV

Course Title	Allied Optional 3- Demography
Total Hours	60
Hours/Week	4 Hrs Wk
Code	U18EC4AOT03
Course Type	Theory
Credits	3
Marks	100

General Objective:

To enable the students to understand the importance of population in economic development.

Course Objectives:

CO No.	Course Objectives
CO-1	understand the demography profile of India
CO-2	understand and apply the determinants of population growth in India
CO-3	Remember and understand the different types of population theory
CO-4	understand and apply the different sources of demographic data in India
CO-5	understand and compare the trends of population growth in the India and world

UNIT I Introduction to Demography

12 Hrs

- a) Nature, scope and importance of Demography
 - b) Population Growth as Promoting and Retarding factor of economic development
 - c) Demographic profile of India with special reference to Tamil Nadu- Demographic Dividend
- Extra Reading /Key Word:** *Urbanisation and economic growth in India*

UNIT-II Determinants of Population Growth

12 Hrs

- a) Fertility: Concepts and measures of fertility - Factors affecting fertility - Causes for decline in fertility rates with special reference to Tamil Nadu.
- b) Mortality: Concepts and measures of mortality - Factors affecting mortality - Causes for decline in mortality rates in developing countries.
- c) Life Table: Types, assumptions, methods of constructing life table - importance of life table - Population pyramid.

Extra Reading /Key Word: *human development Index*

UNIT-III Theories of Population

12 Hrs

- a) Malthusian theory and Neo Malthusian theory
- b) Theory of Demographic transition
- c) Optimum theory of population

Extra Reading /Key Word: *Thomas Doubleday's Diet Theory*

UNIT-IV Sources of Demographic Data Base in India

12 Hrs

- Census-2011; Civil Registration System; Demographic surveys: National Family and Health Survey with special reference to Tamil Nadu
- Composition, pattern and characteristics of demographic indicators.
- Population Census: Methods of Population census; salient features: uses, Problems, Registration method; Sample Surveys.

Extra Reading /Key Word: *National Sample Survey Organization*

UNIT-V Population Growth and Trend

12 Hrs

- Trends of World Population: Unequal distribution and its Reasons
- Effects of population growth on Indian economy
- Population Policy in India

Extra Reading /Key Word: *Quantitative population growth differentials in different countries*

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Describe the meaning of demography	PSO 1	U
CO-2	Describe the demographic profile of India and Tamil Nadu	PSO 1	R
CO-3	Describe the various factors affecting fertility	PSO 1	U
CO-4	Describe the life table and methods of constructing life table	PSO 3	R
CO-5	Describe the Malthusian Theory and Neo Malthusian Theory of Population	PSO 4	An
CO-6	Discuss theory of demographic transition	PSO 4	U
CO-7	Discuss and analyse the effect of population growth on Indian Economy	PSO 4	An
CO-8	Discuss the reasons for unequal distribution of population and analyse the meaning of population policy.	PSO 4	U

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

**Kindly see that the Programme Outcomes relate with the given course outcome in your ratified syllabus.*

References

Text Books:

- M.L.Jhingan, B.K.Bhatt, J.N.Desai, 2003, “Demography” Vrinda Publications Private limited, New Delhi.
- Asha A. Bhende 2015 “Principles of Population Studies”, Himalaya Publishing House Private Private Limited, Mumbai.

Reference Books:

- V.C.Sinha, Easo Zacharia, 2009, “Elements of Demography” AlliedPublisher Private Limited, New Delhi.
- Dudley L. Poston, Jr. Leon F.Bouvier “Population and Society : An Introduction to Demography”Cambridge University Press, New York.
- Jay Weinstein, Vijayan K. Pillai “Demography: The Science of Population”
- Massimo Livi Bacci, Gustavo De Santis, Massimo Livi-Bacci “Population and Poverty in the Developing World (International Studies in Demography)”
- David Yaukey, Douglas L. Anderton "Demography : The Study of Human Population”

(For candidates admitted from June 2018 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI-2
DEPARTMENT OF ECONOMICS

Second Year - Semester - IV

Course Title	Skill Based Elective: 5 – Entrepreneurship Development Programme
Total Hours	30
Hours/Week	2 Hrs /Wk
Code	U18EC4SBT05
Course Type	Theory cum Practical
Credits	2
Marks	100

General Objective:

Enable the students to acquire skills pertaining to dress making, Doll making, Interior decorations and multi cuisine art

Course Objectives:

CO No.	Course Objectives
CO-1	Understands the Basics of Beautification like different styles of bridal make ups and Mehandi designs.
CO-2	Understands the art of making artificial jewellery and types of embroidery
CO-3	Understands the different doll making techniques
CO-4	Applies the different techniques of Artificial and natural garland making
CO-5	Understands the multi cuisine art like cookery items, jam making, cookery item and applies different sales promotion techniques.

UNIT-I BASICS OF BEAUTIFICATION 6 Hrs

Threading–Facial– Hair dress – Manicure– Pedicure– Bridal Make up – Mahandi

Extra Reading /Key Word: *nail art and art of wearing saree*

UNIT-II ART OF MAKING JEWELLERY AND EMBROIDERY 6Hrs

Paper- Thread- Silk Thread- Terracotta- Types of Embroidery -Hand Embroidery- Thardhosi- Jemki work- Kundhan stone works.

Extra Reading /Key Word: *aari works*

UNIT-III KIDS AMUSEMENT DOLL TECHNIQUES 6Hrs

Material for soft doll Making –Safety measures in soft doll making – Puppy -Squirrel – Teddy

Extra Reading /Key Word: *cushion making*

UNIT- IV ARTIFICIAL AND NATURAL GARLAND MAKING 6Hrs

Natural Flower Garland- Artificial Flower Garland- Bouquet- Flower Vase arrangement

Extra Reading /Key Word: *bridal garland making*

UNIT- V**MULTI CUISINE ART**

6 Hrs

Juice, squash,

Jam, Jelly,

Bakery items

(Cake &

Biscuits)

Cookery items (Pickle, Sambar podi, Masala podi) & Preparation of Non-

Vegetarian items Sales promotion and marketing techniques for all products

Extra Reading /Key Word: *different varieties of juices, salads and starter***Course Outcomes:**

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Demonstrate the bridal make up, Mehendi designs, artificial jewellerys and embroideries	PSO 1	R, U
CO-2	Show the different doll making techniques	PSO 2	R
CO-3	Make use of different garland techniques	PSO 2	U
CO-4	Utilize the strategies of sales promotion	PSO 3	R

PO – Programme Outcomes; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply;

An – Analyse; E- Evaluate; C – Create

Referens**e Books:**

- Hawkin All - Indian Cook book, Hawkins cookers Limited, Bombay Arts& Craft Vol.5 Aasha Enterprises, Hyderabad -39
- Arts & Craft. Vol.6 Aasha Enterprises , Hyderabad -39
- Soft Toys, Part-II
- Angal Kudumbha Samayal, I.V. Jesudhasan
- Renu Gupta, 2004, Complete Beautician Course, Diamond Pocket Books Private Limited, NewDelhi.