

**ECONOMICS LOCF SYLLABUS – 2022-2023**

**CHOICE BASED CREDIT SYSTEM (CBCS)**



**DEPARTMENT OF ECONOMICS  
RAJAH SERFOJI GOVERNMENT COLLEGE  
COLLEGE (AUTONOMOUS)**

Accredited at 'A' Grade by NAAC

**Thanjavur - 613005, Tamil Nadu, India**

# RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)

(Re -Accredited with 'A' Grade by NAAC)

THANJAVUR-613005.

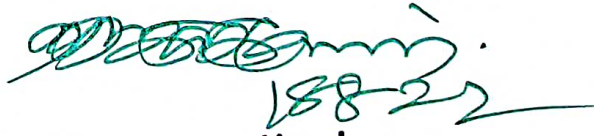
POST GRADUATE AND RESEARCH DEPARTMENT OF ECONOMICS



MINUTS OF BOARD OF STUDIES MEETING	CONVENED ON 18-08-2022 10AM
COURSE STRUCTURE	UG & PG ECONOMICS
SYLLABUS	UG & PG ECONOMICS

(For the candidates admitted from 2022-2023 onwards)

  
CONTROLLER OF EXAMINATIONS  
RAJAH SERFOJI GOVERNMENT COLLEGE (AUTONOMOUS)  
THANJAVUR - 613 005.

  
18822  
Head  
PG & Research Dept. of Economics  
Rajah Serfoji Govt. College (Autonomous)  
THANJAVUR

# **PG & RESEARCH DEPARTMENT OF ECONOMICS,**

**RAJAH SERFOJI GOVT. COLLEGE  
(AUTONOMOUS)  
THANJAVUR -613 005.**

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## **REPORT OF THE BOARD OF STUDIES MEETING CONVENED ON 18-08-2022 at 10 AM**

The meeting of Board of studies of UG, PG and M.Phil., degree course was held on 18-08-2022 at 10 am in the Research Department of Economics, Rajah Serfoji Government College (Autonomous), to discuss the following agenda.

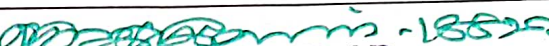
### **AGENDA**

- ❖ To discuss and modify the syllabus of 1<sup>st</sup> to 6<sup>th</sup> Semester of UG Course
- ❖ To discuss and modify the syllabus of 1<sup>st</sup> to 4<sup>th</sup> Semester of PG Course
- ❖ To discuss and modify the syllabus of M.Phil., Course

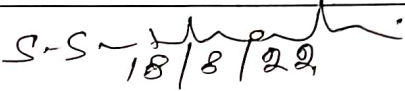
### **RESOLUTION**

- ❖ The title of the new introductory papers approved by the Members of the Board of Studies for UG and PG Course.
- ❖ Discussed various academic matters and resolved to approve the course structure and papers for all UG and PG which is applicable for the candidates admitted from the academic year 2022-2023.



A. CHAIRPERSON

1	<p><b>Dr.P. Jayakumar</b> Associate Professor &amp; Head PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur – 613 005</p>	<p> <b>Dr. P. JAYAKUMAR</b> M.A.,M.Phil.,M.Ed.,PGDCA.,Ph.D., <del>Associate Professor,</del> <b>Head</b> PG &amp; Research Dept. of Economics Rajah Serfoji Govt. College (Autonomous) THANJAVUR</p>
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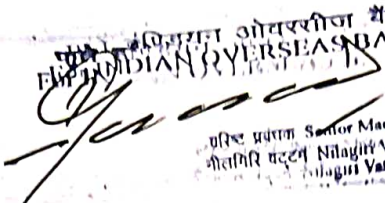
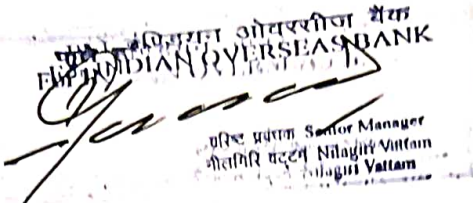
B. EXTERNAL MEMBERS

2	<p><u>UNIVERSITY REPRESENTATIVE NOMINEE</u></p> <p><b>Dr.S.Seethalakshmi</b> Associate Professor &amp; Head Department of Economics, Bishop Heber College ( Autonomous ) Tiruchirappalli - 620 017</p>	<p> 18/8/22</p> <p>Dr.(Mrs)S. SEETHALAKSHMI, MA.,M.Phil.,Ph.D.,B.Ed.,M.B.A.,PGDE.,SLST., Head i/c &amp; Assistant Professor in Economics, Bishop Heber College (Autonomous) Tiruchirappalli- 620 017.</p>
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C. SUBJECT EXPERTS FROM OUTSIDE

3	<p>Dr . P Balamurugan Professor of Economics Department of Economics Central University Thiruvarur</p>	<p> <b>Dr. P.BALAMURUGAN</b> Assistant Professor, Department of Economics Central University of Tamil Nadu Thiruvarur - 610 005.</p>
4	<p>Dr . S. Gayathri Associate Professor of Economics &amp; Principal Bon Secours Women College Dindugal</p>	<p></p>

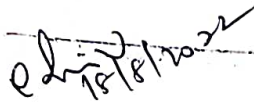
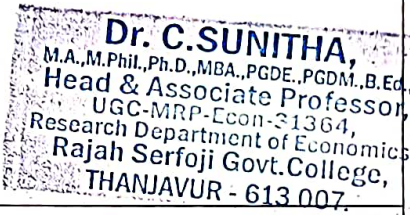


D. REPRESENTATIVE FROM INDUSTRY

5	Mr. S.Chakravarthy Senior Manager , Indian Overseas Bank , Nilaginivattam branch Thanjavur	 
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E. PG MERITORIOUS ALUMINI

6	Dr.S.Boopathy Professor of Economics Bharathiyar Unviersity Coimbatore	
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F. SUBJECT EXPERTS FROM DEPARTMENT:

7	Dr . C.Sunitha Associate Professor PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	 
8	Dr . A. Arulraj Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	
9	Dr.G.Baskar Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	

10	Dr.M.Malarvizhi Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>m. malarvizhi</i> 18/8/22 Dr. M. MALARVIZHI, M.A., M.Phil., Ph.D., Assistant Professor Department of Economics, Rajah Serfoji Government College (Autonomous) Thanjavur - 613005
11	Dr.M.Santhana Lakhmi Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>M. S. Lakhmi</i> 18/08/22 <b>Dr. M. SANTHANALAKSHMI,</b> M.A., M.Phil., M.B.A., B.Ed., Ph.D., Asst. Professor of Economics PG & Research Dept. of Economics, Rajah Serfoji Govt. College (A) Thanjavur - 613 005.
12	Dr.A.Kalaiselvi Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>A. Kalaiselvi</i> 18/08/22 Dr. A. KALAISELVI, M.A., M.Phil., Ph.D., M.B.A., Assistant Professor, Department of Economics, Rajah Serfoji Government College (Autonomous). Thanjavur - 613005.
13	Dr.D.A.V. Clement Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>Dr. D.A.V. Clement</i> 18/8/2022 <b>Dr. D.A.V. CLEMENT, M.A., M.Phil., Ph.D.,</b> Asst. Professor of Economics & Research Adviser, Rajah Serfoji Government College (Autonomous), <b>THANJAVUR - 613 005.</b>
14	Dr.M.Santhanaraj Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>M. Santhanaraj</i> 18/8/2022 <b>M. SANTHANARAJ, M.A., B.Ed., M.Phil., Ph.D.,</b> Assistant Professor P. G. Department . of Economics Rajah Serfoji Govt. College (A) Thanjavur-613 005

## CHOICE BASED CREDIT SYSTEM (CBCS) UNDER AND POST GRADUATE COURSES

Rajah Serfoji Government College (Autonomous) is the oldest institution providing quality higher education to all sections of society. Started with a view to catering to the educational needs of the socially, economically and educationally disadvantaged sections of society, the college has been providing higher education to all, since 1955 in the Thanjavur region of the Cauvery delta.

The college was granted autonomy by the UGC in 2004. Since then the college has been developing the curriculum and syllabi for the students as per the guidelines provided by the UGC and the affiliating University. The college went for NAAC accreditation in 2000 and subsequently re-accredited in 2007 with B++ grading and in 2016 with A grading. Now the college is in the fourth cycle of reaccreditation. After the second cycle of reaccreditation the college has started 16 UG courses, 6 PG courses, 9 M. Phil. programmes and 19 Ph. D. programmes. At present, the college offers 22 UG programmes, 14 PG programmes, 9 M. Phil. programmes and 20 Ph. D. programmes in Science and Humanities. All the UG and PG courses are offered under semester system following Choice Based Credit System. The college takes keen interest in developing various skills among the students by offering enrichment, add-on and skill development courses. In order to develop computer skills among the students the Computer Literacy Programme (CLP) is offered to all the first year UG students. The curriculum and syllabi for Under Graduate courses include Environmental Studies, Value Education and Gender Studies to make education a holistic one to the young students. Various co-curricular and extra-curricular activities are conducted to supplement the curricular aspects of the academic programmes.

The College integrates related disciplines under one roof. The College system enhances the optimal utilization of both human and infrastructural resources. It also enhances academic mobility and enriches employability. The College system preserves the identity, autonomy and uniqueness of every department and reinforces Student centric curriculum designing and skill imparting. The College adhere to achieve and accomplish the following objectives.

Optimal utilization of resources both human and material for the academic flexibility leading to excellence.

Students experience or enjoy their choice of courses and credits for their horizontal mobility.

The existing curricular structure as specified by TANSCH and other higher educational institutions facilitate the Credit-Transfer across the Disciplines (CTAD) - uniqueness of the choice based credit system.

Human excellence in specialized areas

Thrust in internship and / or projects as a lead towards research and

The multi-discipline nature of the College System caters to the needs of stake-holders, especially the employers.

### **Credit system:**

Weightage to a course is given in relation to the hours assigned for the course. Generally one hour per week has one credit. For viability and conformity to the guidelines credits are awarded irrespective of the teaching hours. The credits and hours of each course of a programme is given in the table of Programme Pattern. However, there could be some flexibility because of practical, field visits, tutorials and nature of project work.

For UG courses, a student must earn a minimum of 130 credits as mentioned in the programme pattern table. The total number of minimum courses offered by the Department is given in the Programme Structure.

## **OUTCOME-BASED EDUCATION (OBE) LEARNING OUTCOME-BASED CURRICULUM FRAMEWORK (LOCF)**

**OBE** is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE instead, classes, opportunities and assessments should all help the students achieve the specific outcomes

Outcome Based Education, as the name suggests depends on Outcomes and not Inputs. The outcomes in OBE are expected to be measurable. In fact each Educational Institute can state its own outcomes. The ultimate goal is to ensure that there is a correlation between education and employability

**Outcome –Based Education (OBE):** is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve, stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels.

### **Some important aspects of the Outcome Based Education**

**Course:** is defined as a theory, practical or theory cum practical subject studied in a semester.

**Course Outcomes (COs):** are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course. Generally three or more course outcomes may be specified for each course based on its weightage.

**Programme:** is defined as the specialization or discipline of a Degree.

**Programme Outcomes (POs):** Programme outcomes are narrower statements that describe what students are expected to be able to do by the time of graduation. POs are expected to be aligned closely with Graduate Attributes.

**Programme Specific Outcomes (PSOs):**

PSOs are what the students should be able to do at the time of graduation with reference to a specific discipline.

**Programme Educational Objectives (PEOs):** The PEOs of a programme are the statements that describe the expected achievement of graduates in their career, and also in particular, what the graduates are expected to perform and achieve during the first few years after Graduation.

### **Some important terminologies repeatedly used in LOCF.**

#### **Core Courses (CC)**

A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course. These are the courses which provide basic understanding of their main discipline. In order to maintain a requisite standard certain core courses must be included in an academic program. This helps in providing a universal recognition to the said academic program.

#### **Discipline Specific Elective Courses (DSE)**

Elective course may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective (DSE). These courses offer the flexibility of selection of options from a pool of courses. These are considered specialized or advanced to that particular programme and provide extensive exposure in the area chosen; these are also more applied in nature.

#### **DSE: Four courses are offered, two courses each in semester I and II**

**Note:** To offer **one DSE**, a minimum of two courses of equal importance / weightage is a must.

A department with two sections must offer two courses to the students.

One DSE Course may be offered as interdisciplinary course among the departments in a College (Common Core Course) at the PG level.



## Generic Elective Courses

An elective course chosen generally from an **unrelated discipline/subject**, with an intention to seek exposure is called a Generic Elective.

Generic Elective courses are designed for the students of **other disciplines**. Thus, as per the CBCS policy, the students pursuing particular disciplines would have to opt Generic Elective courses offered by other disciplines, as per the basket of courses offered by the college. The scope of the Generic Elective (GE) Courses is positively related to the diversity of disciplines in which programmes are being offered by the college.

**Two GE Courses are offered one each in semesters I and II.**

(Open to the students of other Departments)

## The Ability Enhancement Courses (AEC)

“AECC” are the courses based upon the content that leads to Knowledge enhancement; Communicative English, Environmental Science. These are mandatory for all disciplines.

**AECC-1:** Communicative English: It is a 4 credits compulsory course offered by the Department of English in the first semester of the Degree Programme, Classes are conducted outside the regular class hours.

**AECC-2:** Environmental Science is a 2 credit course offered as a compulsory course during the second semester by the Department of Human Excellence.

## Skill Enhancement Courses (SECs)

These courses focus on developing skills or proficiencies in the student, and aim at providing hands-on training. Skill enhancement courses can be opted by the students of any other discipline, but are highly suitable for students pursuing their academic programme.

These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

There are four courses under this category

**SEC-1** is offered in semester **III** as a course **Within the Department (WD)** it is more of main discipline related skills.

**SEC-2** is offered in semester **IV** as a course **Between Colleges (BS)** Offered to students of other Colleges (Except the College offering the course)

**SEC-3** is offered in semester **V** as a compulsory course on Soft Skills offered by the Department of Human Excellence, common to all the students of UG programme.

**SEC-4** is offered in semester **VI** as a course **Within College (WS)** open to all the students within the same College (including the students of the parent department)

**Self-paced Learning:** It is a course for two credits. It is offered to promote the habit of independent/self-learning of Students. Since it is a two credit course, syllabus is framed to complete within 45 hours. It is not taught in the regular working hours.

**Field Study/Industrial Visit/Case Study:** It has to be completed during the fifth semester of the degree programme. Credit for this course will be entered in the fifth semester's marks statement.

**Internship:** Students must complete internship during summer holidays after the fourth semester. They have to submit a report of internship training with the necessary documents and have to appear for a viva-voce examination during fifth semester. Credit for internship will be entered in the fifth semester's mark statement.

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

**Extra Credit Courses:** In order to facilitate the students, gaining knowledge/skills by attending online courses MOOC, credits are awarded as extra credits, the extra credit are at three semesters after verifying the course completion certificates. According to the guidelines of UGC, the students are encouraged to avail this option of enriching their knowledge by enrolling themselves in the Massive Open Online Courses (MOOC) provided by various portals such as SWAYAM, NPTEL and etc.

### **Undergraduate Programme:**

#### **Programme Pattern:**

The Under Graduate degree programme consists of **FIVE** vital components. They are as follows:

Part -I: Languages (Tamil)

Part-II: General English

Part-III : Core Course (Theory, Practicals, Discipline Specific Electives, Compulsory and Optional Allied courses, Project, Self-paced courses, Internship , Comprehensive Examinations and field visit /industrial visit/Case Study)

Part-IV: Value Education, Ability Enhancement Courses, Skill Enhancement Courses/ Soft Skills, Generic Electives/ National Cadet Corps etc.

Part-V: Outreach Programme (SHEPHERD).

Ability Enhancement Courses (AEC): There are two Ability Enhancement courses viz AECC and SEC.

#### **Value Education Courses:**

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

#### **Course Coding**

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

21	UXX	N	N	XX	NN/NNX
Year of Revision	UG Department Code	Semester number	Part specification	Part Category	Running number/with choice

N: - Numeral X: - Alphabet

#### **Part Category**

GL - Languages (Tamil)

GE - General English

CC - Core Theory; CP- Core Practical

**WS- Workshop**

**SP- Self Paced Learning**

**IS- Internship**

**FV- Field visit**

**CE- Comprehensive Examination**

**PW- Project Work& viva-voce**

#### **Electives Courses**

ES – Department Specific Electives

EG- Generic Electives

#### **Allied Courses**

AC - Allied Compulsory

AO- Allied Optional

EC - Additional Core Courses for Extra Credits (If any)\*

### Ability Enhancement Courses

AE – Ability Enhancement Compulsory Courses; Bridge Course and Environment Science  
– Skill Enhancement (WD), (BS), (WS) and Soft skills  
VE - Value Education/ Social Ethics/Religious Doctrine OR –  
Outreach SHEPHERD & Gender Studies (Outreach)  
SU - AICUF / Nature Club / Fine Arts / NCC / NSS /etc. (Service Unit)

### CIA AND SEMESTER EXAMINATION Continuous Internal Assessment (CIA):

Distribution of CIA Marks	
Passing Minimum: 25 Marks	
Library Referencing	5
2 Components	10
Mid-Semester Test	5
End-Semester Test	5
Total CIA	25

### MID-SEM & END – SEM TEST

Centralised – Conducted by the office of COE

1. Mid-Sem Test (2 Hours) & End-Sem Test: (3 Hours); will have Short and Descriptive elements; with the below mentioned question pattern PART-A; PART-B and PART C.
2. One of the CIA Component II/III for UG & PG will be of 15 marks and compulsorily an online objective multiple choice question type.
3. The online CIA Component must be conducted by the Department / faculty concerned at a suitable computer centre.
4. The 10 & 20 marks of PART-A of Mid-Sem and End-Sem Tests will comprise Short Answers Questions.
5. The number of hours for the 5 marks allotted for Library Referencing/ work would be 30 hours per semester. The marks scored out of 5 will be given to all the courses (Courses) of the Semester.
6. English Composition once a fortnight will form one of the components for UG general English

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

### Knowledge levels for assessment of Outcomes based on Blooms Taxonomy

S. No.	Level	Parameter	Description
1	K1	Knowledge/Remembering	It is the ability to remember the previously learned
2	K2	Comprehension/Understanding	The learner explains ideas or concepts
3	K3	Application/Applying	The learner uses information in a new way
4	K4	Analysis/Analysing	The learner distinguishes among different
5	K5	Evaluation/Evaluating	The learner justifies a stand or decision
6	K6	Synthesis /Creating	The learner creates a new product or point of view

**WEIGHTAGE of K – LEVELS IN QUESTION PAPER**

(Cognitive Level) K-LEVELS	Lower Order Thinking			Higher Order Thinking			Total %
	K1	K2	K3	K4	K5	K6	
SEMESTER EXAMINATIONS	15	20	35	30			100
MID / END Semester TESTS	12	20	35	33			100

QUESTION PATTERN FOR SEMESTER EXAMINATION		MARKS
<b>SECTION-A</b> (No choice .One Mark) <b>THREE</b> questions from each unit	(10x2 =20)	20
<b>SECTION-B</b> (No choice .2-Marks) <b>TWO</b> questions from each unit	(5x5 =25)	25
<b>SECTION-C</b> (Either/or type) (7- Marks) <b>ONE</b> question from each unit	(3x10 =30)	30
<b>Total</b>		<b>75</b>

BLUE PRINT OF QUESTION PAPER FOR SEMESTER EXAMINATION							
<b>DURATION: 3. 00 Hours.</b>				<b>Max Mark : 75</b>			
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
<b>SECTION-B</b> (2-Marks, No choice) (10x2=20)		10					20
<b>SECTION-C</b> (7- Marks) (Either/or type) (5x5=25)			5				25
<b>SECTION-D</b> (10 Marks) (3 out of 5) (3x10=30) Courses having only K4 levels				3			30
Courses having K4 and K5 levels <b>One K5 level question is compulsory</b>				2	1		
(Courses having all the 6 cognitive levels) <b>One K5 and K6 level questions can be compulsory</b>				1	1	1	
<b>Total</b>		20	25	30			75

QUESTION PATTERN FOR MID/END TEST		MARKS
<b>SECTION-B</b> (No choice , 2-Marks)	(10x2 =20)	20
<b>SECTION-C</b> (Either/or type) (7- Marks)	(5x5 =25)	25
<b>SECTION-D</b> (2 out of 3) (10 Marks)	(3x10=30)	30
<b>Total</b>		<b>75</b>

BLUE PRINT OF QUESTION PAPER FOR MID/END TEST								
DURATION: 2.00 Hours.					Max Mark: 60.			
SECTIONS	K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
SECTION-B (2-Marks, No choice)	(10 x 2 = 20)		10					20
SECTION-C (Either/or type) (7- Marks )	(5 x 5 =25)			3				25
SECTION-D (2 out of 3) (10 Marks) Courses having only K4 levels	(3x10=20)				2			30
Courses having K4 and K5 levels One K5 level question is compulsory			1		1	1		
Courses having all the 6 cognitive levels One K6 level question is compulsory		1				1	1	
Total Marks		10	10	25	30			75
Weightage for 100 %		13	13	33	41			100

**Assessment pattern for two credit courses.**

S. No.	Course Title	CIA	Semester Examination	Total Marks
1	Self-Paced Learning Course	25	75 Marks ( COE)	100
2	Comprehensive Examinations	25	75 Marks ( COE)	100
3	Internship	100	--	100
4	Field Visit	100	--	100
5	Ability Enhancement Course (AEC) for PG	50 (Three Components)	50 (COE) (Specific Question Pattern)	100

**Assessment Pattern for Courses in Part – IV**

6	Value Education Courses and Environmental Studies	50	50 Marks (For 2.00 hours) ( COE)	100
7	Skill Enhancement Courses(SECs)	50 marks (by Course in-charge) 50 Marks ( by an External member from the Department)		100
8	SEC: SOFT SKILLS ( For UG and PG)	100 (Fully Internal)		100

## EVALUATION

### GRADING SYSTEM

Once the marks of the CIA and the end-semester examination for each of the courses are available, they will be added and converted as final mark. The marks thus obtained will then be graded as per the scheme provided in Table-1.

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

$\text{GPA} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$	$\text{WAM (Weighted Average Marks)} = \frac{\sum_{i=1}^n C_i M_i}{\sum_{i=1}^n C_i}$
<p>Where,</p> <p><math>C_i</math> is the Credit earned for the Course <math>i</math></p> <p><math>G_i</math> is the Grade Point obtained by the student for the Course <math>i</math></p> <p><math>M_i</math> is the marks obtained for the course <math>i</math> and</p> <p><math>n</math> is the number of Courses <b>Passed</b> in that semester.</p>	

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

### CLASSIFICATION OF FINAL RESULTS:

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

- i) For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Arts/Science/Commerce/Management/Literature as Outstanding/Excellent/Very Good/Good/Above Average/Average, the marks and the corresponding CGPA earned by the candidate in Part-III alone will be the criterion, provided the candidate has secured the prescribed passing minimum in the all the Five parts of the Programme.
- ii) Grade in Part –IV and Part-V shall be shown separately and it shall not be taken into account for classification.
- iii) A Pass in SHEPHERD will continue to be mandatory although the marks will not count for the calculation of the CGPA.
- iv) Absence from an examination shall not be taken an attempt.

**Table-1: Grading of the Courses**

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

**Table-2: Final Result**

<b>CGPA</b>	<b>Corresponding Grade</b>	<b>Classification of Final Result</b>
9.00 and above	<b>O</b>	<b>Outstanding</b>
8.00 to 8.99	<b>A+</b>	<b>Excellent</b>
7.00 to 7.99	<b>A</b>	<b>Very Good</b>
6.00 to 6.99	<b>B+</b>	<b>Good</b>
5.00 to 5.99	<b>B</b>	<b>Above Average</b>
4.00 to 4.99	<b>C</b>	<b>Average</b>
Below 4.00	<b>RA</b>	<b>Re-appearance</b>

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

### **Declaration of Result**

Mr. / MS. \_\_\_\_\_ has successfully completed the Under Graduate in \_\_\_\_\_ programme. The candidate's Cumulative Grade Point Average (CGPA) in Part – III is \_\_\_\_\_ and the class secured is \_\_\_\_\_ by completing the minimum of 130 credits. The candidate has acquired \_\_\_\_\_ (if any) more credits from SHEPHERD / AICUF/ FINE ARTS / SPORTS & GAMES / NCC / NSS / NATURE CLUB, ETC. The candidate has also acquired (if any) extra credits by attending MOOC courses.

### **Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes**

The Programme Outcomes (POs)/Programme Specific Outcomes (PSOs) are the qualities that must be imbibed in the graduates by the time of completion of their programme. At the end of each programme the PO/PSO assessment is done from the CO attainment of all curriculum components. The POs/PSOs are framed based on the guidelines of LOCF. There are five POs UG programme and five POs for PG programme framed by the college. PSOs are framed by the departments and they are five in numbers.

For each Course, there are five Course Outcomes to be achieved at the end of the course. These Course outcomes are framed to achieve the POs/PSOs. All course outcomes shall have linkage to POs/PSOs in such a way that the strongest relation has the weight 3 and the weakest is 1. This relation is defined by using the following table.

Mapping	<40%	≥ 40% and < 70%	≥ 70%
Relation	Low Level	Medium Level	High Level
Scale	1	2	3

$\text{Mean Scores of COs} = \frac{\text{Sum of values}}{\text{Total No. of POs \& PSOs}}$		$\text{Mean Overall Score} = \frac{\text{Sum of Mean Scores}}{\text{Total No. of COs}}$	
<b>Result</b>	<b>Mean Overall Score</b>	$< 1.2$	# <b>L o w</b>
		$\geq 1.2$ and $< 2.2$	# <b>M e d i u m</b>
		$\geq 2.2$	# <b>H i g h</b>

If the mean overall score is low then the course in charge has to redesign the particular course content so as to achieve high level mean overall score.

### VISION

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

### MISSION

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

### PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

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



# PROGRAMME OUTCOMES (PG)

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Upon completion of the PG Degree Programme, students will be able to

- Be capable of demonstrating advanced levels of knowledge and understanding and intellectual attainment of the discipline that forms a part of a post graduate programme of study and applying the knowledge in real life situations through critical thinking and analytical reasoning with an aptitude for research and development.
- Become employable, entrepreneurs, or pursue higher levels of education and further knowledge with scientific reasoning, problem solving capacity, communication and other generic skills and global competencies like digital literacy, ability to work in cooperation as a team.
- Be a good citizen with multicultural competence, moral and ethical awareness, reflective thinking and leadership qualities in order to make progressive efforts to sustain environment, socio-cultural and economic fabric, and human values at the national as well as the global level.
- Proceed with a sense of inquiry and to demonstrate capability for exploring specific areas of knowledge, for asking relevant/appropriate questions, problematising, synthesizing and articulating; and to demonstrate an ability to recognize cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyze, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships and to demonstrate an ability to plan, execute and report the results of an experiment or investigation in the fields of research and development.
- Become a lifelong learner through self-paced and self-directed learning aimed at intellectual development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

## **PROGRAMME OUTCOMES (POs) UG & PG**

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

## **PROGRAMME SPECIFIC OUTCOMES (PSOs) UG & PG**

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

1. Define and explain the concepts, principles and theories in Economics.(K1 & K2)
2. Demonstrate and interpret the applications of programmes and policies in Economics and Environment.(K3)
3. Infer and apply basic quantitative techniques and modern tools in research for economic and social development. (K3 & K4)
4. Experiment and analyse the knowledge of the subject in managerial skills, entrepreneurial skills and innovative ideas with ethical values.(K4)
5. Compare and contrast the domestic and international business, finance and economic relations on par with global competitiveness.(K2)

# RAJAH SERFOJI GOVERNMENT COLLEGE (A) THANJAVUR-05

## PG AND RESEARCH DEPARTMENT OF ECONOMICS CHOICE BASED CREDIT SYSTEM & LEARNING OUTCOME BASED CURRICULAR FRAMEWORK (LOCF)

### PG SYLLABUS & SCHEME OF EXAMINATION 2022-23 BATCH Onwards

Semester	Part	Subject Code	Title of the Paper		Instruction Hours / Week	Instruction Hours / Sem	Tutorial	Duration of Examination	Examination Marks			Credits
									CIA	ESE	Total	
I	I	A1PEC1	Micro Economics	CC	6	90	4	3	25	75	100	4
I	II	A1PEC2	Macro Economics	CC	6	90	4	3	25	75	100	4
I	III	A1PEC3	Fiscal Economics	CC	6	90	4	3	25	25	100	4
I	IV	A1PEC4	Monetary Economics	CC	5	75	4	3	25	75	100	4
I	DI	A1PECEL1A	Quantitative Economics	DEC	5	75	4	3	25	75	100	4
I	DI	A1PECEL1B	Labour Economics									
I	DI	A1PECEL1C	Marketing Economics									
I	GI	A1PECGE1	Indian Economic Development and Policy I	GE	2	30	2	3	25	75	100	2
II	V	A2PEC5	Indian Economic Development	CC	2	90	4	3	25	75	100	4
II	VI	A2PEC6	Fiscal Management	CC	6	90	4	3	25	75	100	4
II	VII	A2PEC7	Computer Applications in Economics	CC	6	90	4	3	25	75	100	4
II	VIII	A2PEC8	Growth and Development	CC	6	75	4	3	25	75	100	4
II	D2	A2PECEL2A	Entrepreneurship Development	DEC	5	75	4	3	25	75	100	4
II	D2	A2PECEL2B	Financial Economics									
II	D2	A2PECEL2C	Industrial Economics									
II	G2	A2PECGE2	Indian Economic Development and Policy II	GE	3	30	2	3	25	75	100	2



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Semester	Course Code	Title of the Course	Hours	Credits
I	AIPEC1	MICRO ECONOMICS-I	6	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	The students learn the concepts of micro economics which help them understand every other paper in economics.	K1
CO-2	So the paper serves as a foundation.	K2
CO-3	Students understand how the concepts of micro economics help them take economic decision in real life.	K3
CO-4	The paper helps students in understanding different market structures that exist in an economy.	K4
CO-5	Also after studying the paper they are able to understand how production and consumption decisions are taken.	K4

### Unit-I Utility Analysis

(20 Hours)

Utility theory – Cardinal and Ordinal Approach – Indifference Curve Analysis – Consumers Equilibrium – Application of Indifference Curve Analysis – Revealed Preference Approach.

### Unit-II Modern Utility Analysis

(18 Hours)

Hicks Revised Demand Theory – Newmann Margenstern theory of Measuring Utility – Friedman Savage Hypothesis – Markovitz Hypothesis.

### Unit-III Production Analysis

(16 Hours)

Laws of Production – Laws of Returns to Scale – Law of Variable Proportion – Elasticity of Substitution – Economics of Scale – Producers Equilibrium – Production Function – Linear Homogeneous Production Function – Cobb Douglas Production Function.

### Unit-IV Cost and Revenue Analysis

(18 Hours)

Types of costs – Short Run and Long Run costs – Output Relations – Concepts of Revenue – relationship between AR and MR Curves – Price and Output Determination under Perfect Competition.

### Unit-V Price and Output Determination

(18 Hours)

Short Run and Long Run Equilibrium of the Monopoly Firm – Bilateral Monopoly- Price and Output Determination under Monopolistic Competition – Product Differentiation – Selling Cost.

### **Books for Study**

1. S.Sankaran - *Economic Analysis*, Margham Publications, Madras, 2017
2. Salvatore - *Micro Economics*, 4/e, OUP, New Delhi, 2019.

### Books for Reference

1. A. Koutsoyiannis, Modern Micro Economics, Macmillan Press, 1983.
2. William J. Baumol, Economic Theory and Operations Analysis, Prentice-Hall India Ltd., New Delhi.
3. Bilas, A. Micro Economic Theory, McGraw Hill, 1971.
4. C.E. Ferguson, Microeconomic Theory, Richard Irwin, 1966.
5. H.L. Ahuja Advanced Economic Theory, S. Chand, 2004.

### Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

### Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course									Hours	Credits
I	A1PEC1	MICROECONOMICS-I									6	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	2	2	3	2	3	3	3	2	2	3	2.5	
CO-2	2	3	2	2	2	2	2	3	2	3	2.4	
CO-3	2	2	2	2	3	2	3	2	2	3	2.3	
CO-4	2	2	3	2	3	2	3	2	3	2	2.4	
CO-5	1	2	2	3	2	2	3	2	2	3	2.2	
Mean overall Score											2.45 (High)	



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Semester	Course Code	Title of the Course	Hours	Credits
I	AIPEC2	MACRO ECONOMICS	6	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	State the Circular flow of income in two, three and four sector economy	K1
CO-2	Understand Keynes psychological law of consumption.	K2
CO-3	Explain Marginal efficiency of capital and investments.	K2
CO-4	Interpret Factors determines the savings and investment.	K3
CO-5	Analyses Theories of trade cycle.	K4

**Unit – I: National income and Social Accounting: (19 Hours)**

Circular flow of income in two, three and four sector economy – Different forms of National income accounting – Social accounting – output accounting – flow of funds accounting and Balance of payment accounting – Uses of National income analysis.

**Unit – II: Consumption function: (18 Hours)**

Keynes psychological law of consumption – Implications of law – Short run and long – run consumption function – Empirical evidence on consumption function – Income – consumption relationship – Absolute, relative, permanent and life cycle income hypothesis.

**Unit – III: Investment function: (16 Hours)**

Marginal efficiency of investment and level of investment – Marginal efficiency of capital and investments – Long – run and Short – run Multiplier – Accelerator.

**Unit – IV: IS - LM: (18 Hours)**

Investment – Saving (IS) – Liquidity and Money supply (LM) – Factors determines the savings and investment – J.M Keynes model of IS – LM – pros and cons of IS – LM model.

**Unit – V: Business cycles: (19 Hours)**

Phases of business cycles – Theories of trade cycle – Samuelson – Kaldor – Schumpeter and Hicks.

**Books for Study**

1. Keynes and Post Keynesian Economics (2013) – R. D. Gupta and Lekhi – Kalyani Publisher – Chennai – 17. Tamil Nadu.
2. Ackley, (Revised edition 2008)ro Economics Theory and Policy – Macmillan New York.

**Books for References**

1. Eden. M and A. T. Peacock (1967) National income and Social Accounts – Hutchinson University, New York.
2. Keynes. J. M (1936) The General Theory of Employment, Interest and Money – Macmillan, London.
3. Gurley and E. S. Shaw (1960) Money in a Theory of Finance Brookings institutions..

**Semester Question paper Pattern:**

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

**Relationship matrix for Course outcomes, Programme outcomes /Programme SpecificOutcomes**

Semester	Course code	Title of the Course									Hours	Credits
I	AIEC2	MACROECONOMICS-I									6	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	2	2	1	2	2	3	3	2	2	2	2.1	
CO-2	2	1	3	2	2	2	3	3	2	3	2.2	
CO-3	2	2	3	2	2	2	3	2	3	2	2.4	
CO-4	3	2	2	3	2	2	3	2	2	3	2.3	
CO-5	2	2	3	2	3	2	2	3	2	2	2.3	
Mean overall Score											2.3 (High)	

  
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Semester	Code	Course	Title of the Paper	Hours/Week	Credits	Medium
1	A1PEC3	CC-3	FISCAL ECONOMICS	6 (5Theory+ 1Tutorial)	4	English

**COURSE OUTCOMES**

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Define the concepts of public expenditure, public revenue and public debt.	K1
CO-2	Compare the significance of public and private finance.	K2
CO-3	Analyze the different kinds of taxes.	K2
CO-4	Interpret the recent trends in public expenditure, taxation and budgetary policy.	K3
CO-5	Compare the financial relationship in a federal system.	K4

**UNIT I**

**(Hours: 17)**

Public Finance – Nature and Scope of Public Finance – Musgrave’s Theory- Principles of Maximum Social Advantage- Private Goods – Public Goods – Merit Goods– Externalities.

**UNIT II**

**(Hours: 18)**

Wagner’s Views of Public Expenditure – Wiseman – Peacock Hypothesis – Musgrave and Rostow’s Development Model – Critical Limit Hypothesis -Pure Theory of Public Expenditure - Social Cost Benefit Analysis – Evaluation of Public Expenditure – Causes of Growth in Public Expenditure in India - Effect of Public Expenditure on Product and distribution.

**UNIT III**

**(Hours: 18)**

Principles of Taxation – The Principles of Equity – Bown and Lindahl's Models of Provision of Social Good–Ability To Pay Theory – Theory of Optimal Taxation – Effects of taxation – Modern Theory – Incidence of Taxation and Shifting.

**UNIT IV**

**(Hours: 18)**

Public Debt - Keynesian and Post Keynesian Theories of Public Debt – Techniques of Borrowings – Burden of Public Debt – Public Debt Management – Measures of Redemption- Budgeting – Zero Based and Performance Based Budget.

**UNIT V**

**(Hours: 19)**

Fiscal Policy – Objectives – Functional Finance – Federal Finance – Principles of Federal Finance, Allocation of Resources Between Central And States – Local Finance – Evaluation of Thirteenth Finance Commission Report.

**BOOKS FOR STUDY**

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

**REFERENCES**

- 1) Musgrave and Musgrave, *Theory of Public Finance*, McGraw Hills, London.
- 2) B.P. Tyagi, *Public Finance*, Jai Prakash Nath, 2004.
- 3) H.D. Bhatia, *Public Finance*, Vikas Publishing House, 2006.
- 4) Department of Economic Affairs, Report On **11th Finance Commission** (For 2000-2005).



**Semester Question paper Pattern:**

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

**Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes**

Semester	Course code	Title of the Course									Hours	Credits
I	AIPEC3	FISCAL ECONOMICS									6	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	3	2	2	2	2	3	2	3	3	2	2.4	
CO-2	2	3	2	2	2	2	3	3	2	2	2.3	
CO-3	1	2	2	3	2	3	2	3	2	2	2.2	
CO-4	1	3	2	2	2	2	3	2	3	2	2.2	
CO-5	1	3	2	2	3	3	2	3	2	2	2.3	
Mean overall Score											2.27 (High)	



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Semester	Code	Course	Title of the Paper	Hours/Week	Credits	Medium
1	A1PEC4	CC-4	MONETARY ECONOMICS	5 (4Theory+ 1Tutorial)	4	English

#### Course outcomes

CO No	CO-Statements	Cognitive Levels
	<i>On successful completion of this course, students will be able to</i>	
CO-1	Critically examine how the monetary policies and its approaches impact policy issues in local and global perspectives.	K1
CO-2	Describe the nature, role, operations and functions of central Banks and other monetary institutions.	K2
CO-3	Illustrate the relationship between financial and monetary theories.	K3
CO-4	Analyse the monetary mechanism or decisions concerning money supply, interest rates and its real effects on the economy.	K4
CO-5	Evaluate the role of monetary economics in socio-economic Problems and offer sustainable solutions.	K5

#### Unit – I:

(Hours: 15)

Demand for Money Quantity theories of money – Fisher and Cambridge- Keynesian monetary theory- James Tobin's portfolio analysis of money demand- Don Patinkin's Integration- Real Balance Effect- Milton Friedman's reformulated quantity theory.

#### Unit – II:

(Hours: 15)

Supply of Money Types and determinants of money supply – money multiplier- Theories of interest rate – classical – Keynes – Hicks – Hansen.

#### Unit – III:

(Hours: 15)

Money and Capital Market Significance and functions of Money market and capital market- Role of financial intermediaries – Effects of financial intermediation- Non-banking financial institutions – Gurley and Shaw theory.

#### Unit – IV:

(Hours: 15)

Banking Functions of Commercial banks - Credit creation – process and limitations Role of Commercial banks after nationalization – after reforms- Role of RBI – Regulation of money supply and credit- Narashimham Committee Reports– 1991 and 1998- Raguram Rajan Committee Report -2007.

#### Unit – V:

(Hours: 15)

Monetary Policy Objectives and Instruments of Monetary policy– Limitations of monetary policy- Monetarism and Keynesianism – Comparison - Supply side policies.

**References:**

1. Jhingan, M.L. (2005), Monetary Economics [Konark Publication, New Delhi].
2. Sundaram, K.P.M. (2003), Money, Banking and International Trade [Vikas, New Delhi].
3. Vaish, M.C. (2004), Money, Banking and International Trade [New Age International, New Delhi].
4. Gupta, R.D. (1995), Keynes and Post Keynesian Economics [Kalyani Publishers, New Delhi].
5. Basil J. Moore (1965), an Introduction to the Theory of Finance [Oxford University Press].
6. Basu, S.K. (1975), Recent Banking Development [Chand and Co., New Delhi].
7. Johnson Harry (1957), Essays in Monetary Economics [George Allen Unwin].

**Semester Question paper Pattern:**

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

**Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes**

	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Mean Score of COs
CO1	2	2	3	3	2	3	3	3	1	2	2.4
CO2	3	2	3	3	1	2	3	1	2	3	2.3
CO3	3	2	3	2	3	3	2	1	3	3	2.5
CO4	2	2	2	2	3	1	2	3	2	2	2.1
CO5	1	2	3	2	3	3	2	1	3	3	2.3
Mean Overall Score (High-Level Relationship between COs and POs)											2.32



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Semester	Code	Course	Title of the Paper	Hours/Week	Credits	Medium
1	A1PECEL1C	CC-5	MARKETING ECONOMICS	5 (4Theory+ 1Tutorial)	4	English

### Course outcomes

CO No	CO-Statements	Cognitive Levels
	<i>On successful completion of this course, students will be able to</i>	
CO-1	Identify and evaluate social, cultural, global, ethical and environmental responsibilities and issues	K1
CO-2	Identify and apply new ideas, methods and ways of thinking	K2
CO-3	Exercise critical judgment in creating new understanding	K3
CO-4	Advance reasoned and factually supported arguments effectively in written work and oral presentation	K4
CO-5	Work effectively with others, capitalizing on their different thinking, experience and skills	K5

#### Unit - 1 Marketing Fundamentals and Environment: (Hours: 16)

Nature, scope and importance of marketing, marketing process, marketing management philosophies, value chain, creating customer value, satisfaction and loyalty, Environmental scanning, contemporary issues in marketing CRM, e-marketing, green marketing - Marketing Research: Concept, relevance and role of marketing research, Marketing Research Process.

#### Unit - II Market Segmentation: (Hours: 15)

Concept and importance of marketing segmentation, Bases of marketing segments, Market Segmentation Process, Factors for evaluating Market Segments. Targeting and Positioning: Selection and importance of Target Markets, Concept of Positioning, Elements of Positioning Concept of Strategic Positioning, and Criteria for successful Positioning

#### Unit - III Consumer Behavior: (Hours: 14)

Concept of consumer behavior factors influencing consumer behavior, buyer decision process, consumer psychology industrial behavior vs. domestic buyer behavior, customer value and satisfaction

#### Unit - IV Marketing Mix: (Hours: 14)

Concept of marketing mix, definition of each of the 4Ps components of each P, extended 7Ps for services significance of marketing mix in the competitive environment Marketing Planning Concept of meeting planning elements and objectives of market plan developing marketing plan for variety of goods and services.

#### Unit - V Marketing Organization: (Hours: 16)

Concept. Types functional organization, product focused organization, geographic organization, customer based organization, matrix organization, organization structure for a wide customer orientation - Market evaluation and Control: Process, need and significance of marketing control marketing audit, social responsibility of marketing organization.

### Text Books:

1. Ramaswami. VS and Namakumari, S., Marketing Management- Global Perspectives Indum Context - 4th Edition MacMillan.
2. Baines P. Fill, Chris and Page. K. Marketing Asian Edition Oxford University Press adapted by Piyush Sinha
3. Kotler, Kelles, Kosty. Tha Marketing Management A South Asian Perspectives 14<sup>th</sup> Edition Pearson

### Reference Books:


1. Malhotra, Naresh K and Dash. Satyabhushan Marketing Research An applied Orientation 6th Edition Pearson
2. Grewal. D. & Levy. M. Marketing 2 Edition Tata McGraw Hill Education Pvt. Ltd
3. Britt and Boyd (ed), Marketing Management and Administrative Action, Tata McGraw Hill.
4. P Kotler and Armstrong , Principles of Marketing Prentice Hall India
5. R Sexena. Marketing Management, Tata McGraw Hill.


### Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

### Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course									Hours	Credits
I	AIPECEL1C	MARKETING ECONOMICS									5	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	2	2	1	1	3	2	3	3	2	3	2.2	
CO-2	3	3	2	3	1	2	3	3	3	2	2.5	
CO-3	3	2	2	3	3	2	3	2	3	3	2.6	
CO-4	2	2	1	3	2	2	3	3	3	2	2.3	
CO-5	3	3	3	2	3	1	3	2	3	1	2.4	
Mean overall Score											2.4 (High)	

  
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Semester	Course Code	Title of the Course	Hours	Credits
I	AIPECGE1	INDIAN ECONOMIC DEVELOPMENT AND POLICY - I	2	2

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Remember the basic concepts of Indian economy.	K1
CO-2	Understand the role of agriculture Indian economic development.	K2
CO-3	Apply the factors involved in HDI to attain the phase of development.	K3
CO-4	Apply suitable measures to resolve the problems of poverty and unemployment.	K3
CO-5	Analyses the functions of various organizations	K4

Unit – I: **Human Resource and Economic Development:** Size and Growth Rate of Population in India – Sex, Age Composition and Density. The Theory of Demographic Transition – Population as a Retarding Factor – Family Planning – Population Policy - National Population Policy 2000 – The Quality of Population – National Human Development Report (2001). **(5 Hours)**

Unit – II: **The Agriculture Sector** Role of Agriculture in the National Economy – Causes of Low Productivity – Concept of Food Security – Tenth Plan and Food Security – Agriculture Under Ninth Plan – Green Revolution – National Agricultural Policy (2000) – Agricultural Credit – Marketing and Warehousing. **(7 Hours)**

Unit – III: **The Industrial Sector** Problems of Large Scale Industry – Iron & Steel, Sugar, Cement and Petrochemical Industries – Prospects of IT Industry – Industrial Disputes in India – Its Settlement – Social Security Measures. The Right to Strike and Supreme Court Judgment – Sickness in India Industry **(5 Hours)**

Unit – IV: **Planning in India** Performance of Public Sector Enterprises – Disinvestment of Public Enterprises – Privatization: its Meaning and Scope – Tenth Plan – its Objectives, Target and Strategy – Recent Five Years Plan **(7 Hours)**

Unit – V: **Economic Reforms** Economic Reforms in India Globalization and its impact in India – WTO, Subsidies and Agriculture – Impact of WTO on various aspect of Indian Economy – Geneva Framework of WTO and India. **(6 Hours)**

#### Books for Study

- Ruddar Datt and Sundharam K.P.M., *Indian Economy* (73<sup>rd</sup> Edition), Sultan Chand, NewDelhi, 2020.
- Uma Kapila, *Indian Economy*, 9<sup>th</sup> Edition, ISBN: 8171887902, Published by AcademicFoundation, 2010.

#### Books for References

- Gaurav Datt & Ashwani Mahajan, *Indian Economy* (72<sup>nd</sup> Edition), S. Chand, New Delhi, 2018.

2. Dhingra I.C, *Indian Economy* (28<sup>th</sup> Edition), Sultan Chand & Co., New Delhi, 2014.
3. Ishwar.C.Dhingra, *The Indian Economy*, Twenty first edition, Sultan Chand, New Delhi, 2009.
4. Mishra & Puri - *Economics of Development and Planning*, Himalaya, Mumbai, 7th edition, 2005.
5. Meier, G.M. *Leading Issues in Economic Development*, O U P, New Delhi, 6th edition, 1995.

**Semester Question paper Pattern:**


Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

**Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes**

Semester	Course code	Title of the Course									Hours	Credits
I	A1PECGE1	Indian Economic Development and Policy-I									2	2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	2	2	2	2	2	2	2	2	2	3	2.0	
CO-2	2	2	2	1	3	2	2	2	2	3	2.1	
CO-3	1	2	2	2	3	2	3	2	2	3	2.0	
CO-4	1	2	2	2	3	2	2	2	3	2	2.2	
CO-5	1	2	2	3	2	2	3	2	2	3	2.2	
<b>Mean overall Score</b>											<b>2.10 (High)</b>	

  
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Semester	Code	Course	Title of the Paper	Hours/Week	Credits	Medium
II	A2PEC5	CC-5	INDIAN ECONOMIC DEVELOPMENT AND POLICY	6 (5Theory+ 1Tutorial)	4	English

### COURSE OUTCOMES

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Remember the basic concepts of various sectors in India.	K1
CO-2	Understand the efficacy of Industrial Policies of India	K2
CO-3	Discuss the importance of physical infrastructure	K2
CO-4	Apply the social infrastructure to attain the phase of Development.	K3
CO-5	Analyze the performance of various sectors in India.	K4

#### Unit-1:

(Hours: 17)

**Growth and Structural Change Indian economy at Independence:** The policy framework: statist policy, transition to market-oriented policy, role of erstwhile Planning Commission And NITI Ayog - Two phases of growth (1950-1980 and 1980 onwards), factors underlying turnaround- Structural change in Indian economy.

#### Unit- 2:

(Hours: 17)

**Agricultural and Industrial Sectors:** Agricultural Sector Performance of agricultural sector, factors determining agricultural growth - Factors underlying food inflation- Agricultural price policy and food security Industrial Growth - Industrial growth before and after reforms - Dualism in Indian manufacturing- Issues in performance of public sector enterprises and privatization.

#### Unit-3:

(Hours: 17)

**Fiscal Developments:** Finance and External Sector Expenditure trends- GST: rationale and impact- Evolution of the financial sector in post-liberalization period- External sector performance: emergence of India as major exporter in services, performance of manufacturing sector.

#### Unit-4:

(Hours: 17)

**Poverty and Inequality:** Measuring poverty in India: Selection of poverty lines- Poverty in pre and post liberalization periods- Impact of growth on poverty- PDS vs cash transfers, feasibility of universal basic income in India - Inequality in India in pre and post liberalization periods.

#### Unit-5:

(Hours: 17)

**Social Issues:** Gender gap in India and trends in female labour force participation rates, factors determining female labour force participation- Employment: changing nature of employment in India, "jobless growth"- Labour in informal sector- India's demographic transition.

#### References

- 1) Kausik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
- 2) Uma Kapila (Ed.) (2018), Indian Economy since Independence, Academic Foundation, New Delhi, 29th Edition.
- 3) Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.
- 4) Government of India, Economic Survey (Annual issues). Ministry of Finance, New Delhi



**Semester Question paper Pattern:**

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

**Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes**

Semester	Course code	Title of the Course									Hours	Credits
II	A2PEC5	CC-5 INDIAN ECONOMIC DEVELOPMENT AND POLICY									6	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	3	2	2	2	2	3	2	3	3	2	2.4	
CO-2	2	3	2	2	2	2	3	3	2	2	2.3	
CO-3	2	2	2	3	2	3	2	3	2	2	2.3	
CO-4	1	3	2	2	2	2	3	2	3	2	2.2	
CO-5	1	3	2	2	3	3	2	3	2	2	2.3	
Mean overall Score											2.28 (High)	



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Semester	Course Code	Title of the Course	Hours	Credits
II	A2PEC6	CC6 FISCAL MANAGEMENT	6	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Identify the assignment of taxes and expenditure between various tiers of a federal government	K1
CO-2	Predict Need and impact of deficit Financing,- monetarist versus Keynesian views on deficit financing.	K2
CO-3	Interpret Objectives and Instruments of Fiscal policy.	K3
CO-4	Analyses Tax Reform proposals of Kelkar Committee Tax structure and Working of Fiscal federalism in India.	K4
CO-5	Infer the economic and financial data to be applied in research.	K4

**Unit – I:**

**(Hours: 18)**

**Fiscal Decentralization:** Rationale for decentralization – economic, administrative and political – assignment of taxes and expenditure between various tiers of a federal government – rationale and role of local governments.

**Unit – II:**

**(Hours: 18)**

**Deficit Financing:** Deficit financing: Concept of deficits, Need and impact of deficit Financing, - monetarist versus Keynesian views on deficit financing – pattern of deficit financing-public – debt management and implication for growth, inflation and interest rate.

**Unit – III:**

**(Hours: 18)**

**Fiscal Policy and Fiscal Federalism:** Objectives and Instruments of Fiscal policy –Compensatory Fiscal policy – Fiscal policy for Economic stability and growth– Effectiveness of fiscal policy- Fiscal federalism – Role of finance commission – Principles – Recommendations of 14th Finance Commission and Terms of Reference of the 15th Finance Commission – Transfer of resources from Union and States and States to Local Bodies.

**Unit – IV:**

**(Hours: 18)**

**Indian Public Finance:** Financial Autonomy in India – Tax Reform proposals of Kelkar Committee Tax structure and Working of Fiscal federalism in India – Resource transfer from union to state of Tamil Nadu – VAT – Merits and Demerits

**Unit – V:**

**(Hours: 18)**

**GST:** Design, implementation and impact- Fiscal consolidation in India since 2001-2002 – Fiscal responsibilities of central and state- FRBM Act 2003- Central and State government Budgets – issues of fiscal deficit- Fiscal policy and Economic downturn : Fiscal correction versus additional Stimulus.

## References

1. Musgrave, R.A. and P.B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.
2. Rosen, Harvey (2013), Public Finance, McGraw Hill, New York.
3. AmerashBagchi (2005), Readings in Public Finance, Oxford University Press, New Delhi.
4. Rao, M. Govida and Nirvikar Singh, (2005), The Political Economy of Federalism in India, Oxford University Press, New Delhi.
5. Government of India, Economic Survey (Annual issues). Ministry of Finance, New Delhi.

## Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

## Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course										Hours	Credits
II	A2PEC6	CC6: FISCAL MANAGEMENT										6	4
Course Outcome s(COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos		
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5			
CO-1	3	3	2	3	2	3	2	3	3	2	2.6		
CO-2	2	3	1	2	2	3	3	3	3	1	2.3		
CO-3	3	2	2	3	1	2	3	3	2	1	2.2		
CO-4	2	1	2	3	1	2	3	2	2	1	1.9		
CO-5	3	3	2	3	2	1	2	3	3	1	2.3		
Mean overall Score											2.26	(High)	



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Semester	Course Code	Title of the Course	Hours	Credits
II	A2PEC7	CC7: COMPUTER APPLICATIONS IN ECONOMICS	6	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Explain the Text Management with MS-WORD Creating new Documents.	K1
CO-2	Understand Formula: using arithmetic and relational operators in a worksheet.	K2
CO-3	Apply Graphs and Charts Bar diagrams, pie charts.	K3
CO-4	Calculate Descriptive Statistics: Frequencies, Descriptive, Explore, Cross Tabulation.	K3
CO-5	Categorize K-means cluster, Hierarchical cluster, Discriminant function.	K4

#### Unit-I:

(18 Hours)

Text Management with MS-WORD Creating new Documents –Document template – Typing Text – Editing Text – Insert Text – Go to, Find, and Replace text or word - Formatting of Text – Format painter – Cut and Paste utility - Copying Document/text in the same or Different file or Document – Drag and drop of typed text- creating tables – using auto correct, dictionary thesaurus.

#### Unit-II:

(18 Hours)

Managing Data Base EXCEL: The typical worksheet or spread sheet – cell and their properties – formatting cell – text, numbers, currency, accounting, date, time, percentage, scientific – formats- Formula: using arithmetic and relational operators in a worksheet -Advanced Formulas: sum, count, Average, Max, Min, Product -Using auto format.

#### Unit-III:

(18 Hours)

Graphs and Charts Bar diagrams, pie charts, Area- Building Line Diagrams, Histograms, Scatter plots- Frequency Graphs, Ogive, Lorenz curve- Time Series.

#### Unit- IV:

(18 Hours)

Data Analysis-I Naming variables - Coding and Recoding of data - Arithmetic calculations with in variables- Descriptive Statistics: Frequencies, Descriptive, Explore, Cross Tabulation - Compare Means: One sample T- test, Independent Sample T – test, paired sample T test, One way ANOVA. Correlation: Bivariate, Partial- Regression: Linear, Curve Estimation, Multiple Regression.

#### Unit-V:

(18 Hours)

Data Analysis-II Classification: K-means cluster, Hierarchical cluster, Discriminant function - Non-parametric Test: Chi-square, Bi-nominal- Time Series – Exponential Smoothing, Auto regression, Seasonal Decomposition.

## References


1. Lipschultz M.M. and S. Lipschultz (1982), Theory and problems of Data processing: Schaum's Outline Series, (McGraw Hill, New York).
2. Corey Sandler, Tom Badgett, Jan Weingarten (1997), Office 97 for Windows (BPB Publications, New Delhi).
3. Andy Field (2000), Discovering Statistics Using SPSS for Windows – Advanced Techniques for the Beginner [Sage Publications, New Delhi].

### Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

### Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Mean Score of COs
CO1	2	2	3	2	2	3	3	3	1	2	2.3
CO2	3	2	3	3	1	2	3	1	2	3	2.3
CO3	3	2	3	2	3	3	2	1	3	3	2.4
CO4	2	2	1	2	3	1	2	3	2	2	2.0
CO5	1	2	3	2	1	3	2	2	3	3	2.3
Mean Overall Score (High-Level Relationship between COs and POs)											2.30

  
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Semester	Course Code	Title of the Course	Hours	Credits
II	A2PEC8	CC8: GROWTH AND DEVELOPMENT	5	5

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Define basic development concepts of developed and underdeveloped countries.	K1
CO-2	Interpret the relationship between demographic indicators and economic development.	K2
CO-3	Relate current development issues with development theories to arrive at research oriented conclusions.	K3
CO-4	Infer the impact of economic development on the environment and its sustainability.	K4
CO-5	Analyze the trends in economic development indicators of India to enhance future career prospects.	K4

**Unit: 1.**

**(Hours: 16)**

**Concepts and Measures of Development:** Nature, Questions and Values of Development, Meanings of development – economic growth, redistribution from growth and capabilities approach to development, Objectives of development, Measures of development, Purchasing power parity and Per capita income as an index of development, difference between growth and development, human development index, Definition and Characteristics of a developing economy.

**Unit: 2.**

**(Hours: 18)**

**Theories of Economic Growth and Development:** Classical growth theory, Harrod - Domar growth model, Neoclassical growth model: Solow model and endogenous growth theory: Stages of Development and Structural change: Rostow's theory; Lewis theory of development, the Big Push theory, Industrialisation, Growth and Kaldor's growth laws; Kuznets's characteristics of Growth.

**Unit: 3.**

**(Hours: 16)**

**Factors in Development Process:** Land: Ownership and tenancy system – fixed rent contract and share cropping, role of agriculture in development, barriers to agricultural development and land reforms, Labour: Population and Labor force growth, casual and long term labor, permanent labor market, Capital: Role of capital accumulation in economic development. Significance of capital-output ratio, role of technology and technological progress, learning, human capital.

**Unit: 4.**

**(Hours: 14)**

**Population and Development:** Concepts of Population: definitions of fertility, mortality, birth rates, death rates, fertility rate, life expectancy, infant mortality rate, youth dependency ratio, Theory of demographic transition.

**Unit: 5.**

**(Hours: 16)**

**Environment and Development:** Development and Environmental – an overview, Basic Issues of development and environment - Sustainable development and environment accounting, population and resources, poverty, rural development, urban development, global environment - rain forest destruction and greenhouse gases.

## References

1. M.P. Todaro and S.C. Smith, Economic Development, Pearson. A.P. Thirlwall, Growth and Development, Palgrave MacMillan. Ray, Debraj (1998)
2. Development Economics, Oxford University Press, New Delhi. G.M. Meier and J.E. Rauch,
3. Leading Issues in Economic Development, Oxford University Press. Y. Hayami,
4. Development Economics Oxford University Press. S. Fukuda-Parr and A.K. Shiva Kumar.

## Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

## Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course		Hours	Credits						
II	A2PEC8	CC8: GROWTH AND DEVELOPMENT		5	5						
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	
CO-1	2	1	2	2	3	3	3	2	3	2	2.3
CO-2	2	1	2	2	2	3	2	2	2	2	2.0
CO-3	2	1	2	2	3	3	3	2	3	2	2.3
CO-4	1	2	1	2	2	3	2	2	3	2	2.0
CO-5	1	1	2	2	3	3	3	2	3	2	2.2
<b>Mean overall Score</b>											<b>2.16 (High)</b>

  
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Semester	Course Code	Title of the Course	Hours	Credits
II	S2PECEL2A	ENTREPRENEURIAL DEVELOPMENT	5	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Define the concepts of Entrepreneurship and its relevance.	K1
CO-2	Understand Entrepreneurial Motivation and behavior.	K2
CO-3	Relate economic development and entrepreneurial growth.	K3
CO-4	Explain Entrepreneurial Development Programmes and their institutes.	K4
CO-5	Appraise various methods of Project report or a business plan.	K4

**Unit –I: Introduction of Concepts: (18 Hours)**

Concept of Entrepreneur – characters of an Entrepreneur – distinction between Entrepreneur & Manager – function & Types of Entrepreneur - Concept Entrepreneurial ship – Role in Economic Development, Women Entrepreneurial ship – function, problems recent trends.

**Unit – II: Entrepreneurial Growth: (18 Hours)**

Economic & Non Economic Factors – Role of Government - Entrepreneurial Motivation – Theories – factors- Entrepreneurial Development – Need, Objectives, Phases Evaluation.

**Unit – III Projects & Entrepreneur: (18 Hours)**

Meaning – Identification – Selection- Project Formation: Meaning and Significance - Contents of a Project Report – Formation– Planning Commission Guidelines.

**Unit – IV Project Appraisal and Finance: (18 Hours)**

Concept - methods of Appraisal- Need for financial Planning – Source of finance- - Capital structure – Capitalization –venture capital – Export Finance.

**Unit – V Institutional Finance to Entrepreneurs: (18 Hours)**

Commercial Bank, Industrial Development of India (IDBI), Industrial Finance Corporation of India (IFCI), Industrial Credit & Investment Corporation of India (ICICI) Unit Trust of India (UTI), State Financial Corporation's (SFCs), State Industrial Development Corporation (SIDCO) Exam Bank of India- Institutional Support to Entrepreneur National Small Industries Corporation Ltd.(NSIC)- Small Industries Development Organisation (SIDO)- Small Scale Industries Board (SSIB)- State Small Industries Development Corporations (SSICS)- Small Industries Service Institutes (SISI)- District Industries Centre (DICs).

**Books for Study**

1. S.S. Khanka, *Entrepreneurial Development*, S.Chand & Company Limited, New Delhi, 2020.
2. Sangeeta Sharma, *Entrepreneurial Development*, PHI Learning Private Limited, Delhi, 2016



### Books for Reference

1. Jayshree Suresh, *Entrepreneurial Development*, Margham publications, Chennai, 2010.
2. P.Saravanavel & P.Sumathi, *Entrepreneurship Development Principles, Polices and programmes*, Margham publications, Chennai, 2020.
3. Vasant Desai., *Dynamics of Entrepreneurial Development*, Himalaya Publishing house, New Delhi, 2011.

### Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

### Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course									Hours	Credits
II	S2PECEL2A	ENTREPRENEURIAL DEVELOPMENT									5	4
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	3	2	2	3	2	3	2	2	2	2	2.1	
CO-2	2	3	2	3	2	3	2	3	2	3	2.2	
CO-3	1	3	2	3	2	2	1	2	3	2	2.1	
CO-4	2	2	2	2	3	2	3	2	2	2	2	
CO-5	2	3	3	3	2	3	2	3	2	2	2.3	
Mean overall Score											2.14 (High)	



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Semester	Course Code	Title of the Course	Hours	Credits
II	A2PECGE2	INDIAN ECONOMIC DEVELOPMENT AND POLICY – II	2	2

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	On successful completion of this course, students will be able to	
CO-1	Remember the basic concepts of various sectors in India.	K1
CO-2	Understand the efficacy of Industrial Policies of India	K2
CO-3	Discuss the importance of physical infrastructure	K2
CO-4	Apply the social infrastructure to attain the phase of development.	K3
CO-5	Analyze the performance of various sectors in India.	K4

**Unit – I Indian as a developing Economy Economic development: (7 Hours)**

Economic Growth – Under Development – Meaning – Characteristics of underdevelopment – Factor determining underdevelopment – India as a Developing economy.

**Unit – II Poverty: (7 Hours)**

Meaning – types - absolute and relative poverty – estimation of poverty – causes and remedial measures for poverty – Anti poverty programmes.

**Unit – III Unemployment: (4 Hours)**

Full employment and Unemployment – meaning – kinds of unemployment -causes – Remedial measures – various schemes to reduce unemployment.

**Unit – IV Small Scale Industries: (5 Hours)**

Role of Small Scale industries in Indian Economy – case for and against – small scale industries industrial policy 1948, 1956, 1991.

**Unit – V Infrastructure: (6 Hours)**

Role of Transport in Indian Economy – Kinds of Transport – Road transport in India – Rail transport – Rail Road Co-ordination – water transport – recent civil aviation in India.

**Books for Study**

1. RudderDatt and Sundharam K.P.M., *Indian Economy* (73<sup>rd</sup> Edition), Sultan Chand, NewDelhi, 2020.
2. Uma Kapila, *Indian Economy*, 9<sup>th</sup> Edition, ISBN: 8171887902, Published by AcademicFoundation, 2010.

### Books for References

1. Gaurav Datt & Ashwani Mahajan, *Indian Economy* (72<sup>nd</sup> Edition), S. Chand, NewDelhi, 2018.
2. Dhingra I.C, *Indian Economy* (28<sup>th</sup> Edition), Sultan Chand & Co., New Delhi, 2014.
3. Ishwar.C.Dhingra, *The Indian Economy*, Twenty first edition, Sultan Chand, New Delhi, 2009.
4. Mishra & Puri, *Economics of Development and Planning*, Himalaya, Mumbai, 7<sup>th</sup> edition, 2005.
5. Meier, G.M, *Leading Issues in Economic Development*, OUP, New Delhi, 6<sup>th</sup> edition, 1995.

### Semester Question paper Pattern:

Section A	10x2=20
Section B	5X5=25
Section C	3X10=30

### Relationship matrix for Course outcomes, Programme outcomes /Programme Specific Outcomes

Semester	Course code	Title of the Course									Hours	Credits
II	A2PECGE2	INDIAN ECONOMIC DEVELOPMENT AND POLICY -II									2	2
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos	
	PO-1	PO-2	PO-3	PO-4	PO-5	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5		
CO-1	2	2	2	3	2	3	3	2	2	3	2.0	
CO-2	1	2	2	2	3	3	3	1	2	2	2.0	
CO-3	1	2	3	2	3	2	3	2	3	2	2.2	
CO-4	2	3	2	2	2	3	1	2	2	3	2.1	
CO-5	2	2	2	2	1	2	1	2	2	3	2.1	
Mean overall Score											2.08 (High)	



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