

ECONOMICS LOCF SYLLABUS – 2022-2023

CHOICE BASED CREDIT SYSTEM (CBCS)



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



Head

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


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

PG & RESEARCH DEPARTMENT OF ECONOMICS,

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

**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 1st to 6th Semester of UG Course
- ❖ To discuss and modify the syllabus of 1st to 4th 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.

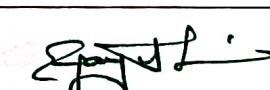
A. CHAIRPERSON

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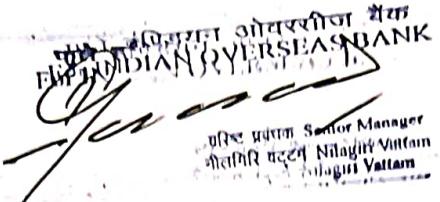
B. EXTERNAL MEMBERS

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

3	Dr . P Balamurugan Professor of Economics Department of Economics Central University Thiruvarur	 Dr. P. BALAMURUGAN Assistant Professor, Department of Economics Central University of Tamil Nadu Thiruvarur – 610 005.
4	Dr . S. Gayathri Associate Professor of Economics & Principal Bon Secours Women College Dindugal	

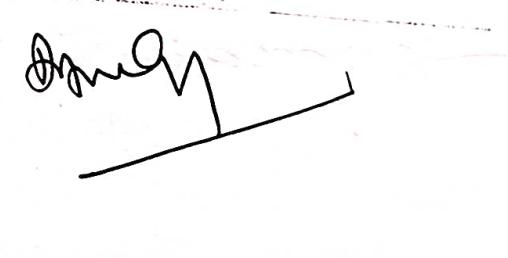
D. REPRESENTATIVE FROM INDUSTRY

5	Mr. S.Chakravarthy Senior Manager , Indian Overseas Bank , Nilaginivattam branch Thanjavur	 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 Bharathiya 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	 Dr. C.SUNITHA, M.A.,M.Phil.,Ph.D.,MBA.,PGDE.,PGDM.,B.Ed., Head & Associate Professor, UGC-MRP-Econ-31364, Research Department of Economics, Rajah Serfoji Govt. College, THANJAVUR - 613 007.
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 18/8/22</i> 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.L.Lakhmi 18/8/22</i> Dr. M. SANTHANALAKSHMI, 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)
12	Dr.A.Kalaiselvi Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>A.Kalaiselvi 18/8/22</i> 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>D.A.V.Clement 18/8/2022</i> Dr. D.A.V. CLEMENT, M.A., M.Phil., Ph.D., Asst. Professor of Economics & Research Adviser, Rajah Serfoji Government College (Autonomous), THANJAVUR - 613 005.
14	Dr.M.Santhanaraj Assistant Professor of Economics PG and Research Department of Economics, Rajah Sefoji Government College, (Autonomous) Thanjavur	<i>C.Santhanaraj 18/8/2022</i> Dr. M. SANTHANARAJ, M.A., B.Ed., M.Phil., Ph.D., 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 TANSCHE 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 UGProgramme.

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 LearningIS-

Internship

FV- Field visit

CE- Comprehensive Examination

PW- Project Work& viva-voce

Electives Courses

ES – Department Specific ElectivesEG-

Generic Electives

Allied Courses

AC - Allied CompulsoryAO-

Allied Optional

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

Ability Enhancement Courses

AE – Ability Enhancement Compulsory Courses; Bridge Course and Environment Science
 SE – 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		
SECTION		MARKS
SECTION-A (No choice ,One Mark) THREE questions from each unit	(10x2 =20)	20
SECTION-B (No choice ,2-Marks) TWO questions from each unit	(5x5 =25)	25
SECTION-C (Either/or type) (7- Marks) ONE question from each unit	(3x10 =30)	30
	Total	75

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

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

BLUE PRINT OF QUESTION PAPER FOR MID/END TEST								
DURATION: 2. 00 Hours.				Max Mark: 60.				
K- LEVELS		K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS								
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				
Courses having K4 and K5 levels One K5 level question is compulsory		1		1	1			30
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:

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

CGPA	Corresponding Grade	Classification of Final Result
9.00 and above	O	Outstanding
8.00 to 8.99	A+	Excellent
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.0 0 to 5.99	B	Above Average
4.00 to 4.99	C	Average
Below 4.00	RA	Re-appearance

Credit based weighted Mark System is adopted for the individual semesters and cumulativesemesters 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%	$\geq 40\%$ and $< 70\%$	$\geq 70\%$
Relation	Low Level	Medium Level	High Level
Scale	1	2	3

Mean Scores of COs = Sum of values Total No. of POs & PSOs		Mean Overall Score = Sum of Mean Scores Total No. of COs	
Result	Mean Overall Score	< 1.2	# L o w
		\geq 1.2 and < 2.2	# M e di u m
		\geq 2.2	# H ig h

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 (UG)



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

- Be capable of demonstrating comprehensive knowledge and understanding of the discipline that forms a part of an undergraduate programme of study and applying the knowledge in real life situations through critical thinking and analytical reasoning.
- Become employable, entrepreneurs, or pursue higher education 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 asking relevant/appropriate questions, problematising, synthesizing and articulating; and demonstrate an ability to recognize cause-and-effect relationships, define problems, analyze, interpret and draw conclusions from data, predict cause-and-effect relationships and to demonstrate an ability to plan, execute and report the results of an experiment or investigation.
- 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)**

**UG 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	A1T1	Language Paper I	Language	6	86	4	3	25	75	100	5
I	II	A1E1	English Paper I	English	6	86	4	3	25	75	100	5
I	III	A1EC1 A1EC2	Core Micro Economics I Macro Economics I	CC CC	5 5	71 71	4 4	3 3	25 25	25 75	100 100	5 5
I	III	A1AH1	Allied (History)	GE	6	86	4	3	25	75	100	5
I	V	A1VE SBS	Value Education	SBS	2	28	2	2	25	75	100	5
II	I	A2T2	Language Paper II	Language	6	86	4	3	25	75	100	5
II	II	A2E2	English Paper II	English	6	86	4	3	25	75	100	5
II	III	A1EC1	Core Micro Economics I	CC	5	71	4	3	25	25	100	5
II	IV	A2AH2 IV A2AH3	Allied (History) Allied (History)	GE GE	6 6	86 86	4 4	3 3	25 25	75 75	100 100	5 5
II	V	A2ES SBS	Environmental Studies	SBS	2	28	2	2	25	75	100	5

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Dr. P. JAYAKUMAR
M.A., M.Phil., M.Ed., PGDCA., Ph.D.,
Associate Professor.

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

Semester	Course Code	Title of the Course	Hours	Credits
I	A1EC1	MICROECONOMICS-I	6	4

CO No.	CO-Statements	Cognitive Levels (K-Levels)
	Upon completion of this course the students will be able to	
CO-1	Understand the basic concept and to definition of economics.	K1
CO-2	Discuss the utility functions and wants	K2
CO-3	Identify the economic functions inducing demand and supply	K3
CO-4	Analysis the function of indifference curves.	K4
CO-5	Explain the production function, cost and revenue function.	K4

Unit – I Basics of micro economics: (18 Hours)

Definition of Economics – Adam Smith, Alfred Marshall, Lionel Robbins and Samuelson. Scope-importance and Limitations- Distinction between Micro and Macro Economics – Basic concepts (demand, supply,utility,goods,standard of living,price,market-Nature of Economic Laws.

Unit - II Theory of Consumer Behavior: (19 Hours)

Marginal Utility Analysis – Law of Diminishing Marginal utility -law of substitution – consumer's surplus – indifference curve analysis – consumer equilibrium – Price Effect, Income Effect, and Substitution Effect.

Unit – III Theory of Demand: (17 Hours)

Law of Demand, Derivation of demand curve from D.M.U. Expansion and Contraction of Demand: Changes in Demand, Elasticity of demand – Degrees of Elasticity and Measurement of Elasticity of Demand.

Unit -IV: Law of Variable Proportion: (17 Hours)

Diminishing Returns, Laws of Returns to Scale Production Function – Definition. ISO quants, Assumption, properties – ISO cost curve - the least – cost combination with ISO – quants.

Unit – V Cost and Revenue Functions: (19 Hours)

Total, Average, Marginal cost and curve – Short run cost curve and long run cost curve, LAC, U shaped – Marginal and Average Revenue curves – Market Price, Normal Price and Time element.

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

Books for Study

1. S.Sankaran - *Economic Analysis*, Margham Publications, Madras, 2017
2. Salvatore - *Micro Economics* 1/e, OUP New Delhi, 2010

Books for Reference

1. Ahuja H.L. (2018) - *Principles of Micro Economics*, A New Look at Economic Theory, S.Chand, New Delhi.
2. Dewett K.K - *Micro Economics*, S.Chand, New Delhi, 2019.
3. Jhingan M.L, (2018) *Micro Economic Theory*, Konark, New Delhi.

Semester Question paper Pattern:

Section A	$10 \times 2 = 20$
Section B	$5 \times 5 = 25$
Section C	$3 \times 10 = 30$

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

Semester	Course Code		Title of the Course							Hours	Credit
I	A1EC1		MICROECONOMICS-I							6	4
Course Outcomes (COs)	Programme Outcomes (PO)					Programme Specific Outcomes (PSO)					Mean Scores 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	3	3	2	2.4
CO-2	2	2	2	3	3	2	2	2	3	2	2.3
CO-3	3	2	2	3	3	2	2	3	2	3	2.6
CO-4	3	2	2	3	2	3	2	3	2	3	2.5
CO-5	2	3	2	3	2	3	2	3	2	3	2.5
Mean Overall Score											2.50 (High)

[Signature]

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THANJAVUR - 613 005.

[Signature]

SIGNATURE OF THE HOD

Dr. I. V. S. S. R. M.A., M.Phil., M.Ed., PGDCA, Ph.D.,
Associate Professor,

Semester	Course Code	Title of the Course	Hours	Credits
I	A1EC2	MACRO 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	State the scope and nature of macro economics	K1
CO–2	Understand the basic concepts of Macroeconomics.	K2
CO–3	Explain the various principles and theories of employment.	K2
CO–4	Interpret the measurements of National Income.	K3
CO–5	Analyses the ratio of investment through Multiplier and Accelerator.	K4

Unit – I: Introduction: (19 Hours)

Nature and scope of Macro Economics – Micro and Macro Economics – Basic concepts in Macroeconomics: Equations, stocks and flows; Static, comparative static and dynamic analysis; ex post and ex ante.

Unit – II: National Income Estimation: (18 Hours)

National income and Social Accounting – The circular flow of income and expenditure in two sector economy – Three sector economy – Four sector Economy

Unit – III: Classical Theory of Income Determination: (16 Hours)

Classical theory of income and employment determination with and without saving

Unit – IV: Keynesian Theory of Income Determination: (18 Hours)

Concepts of aggregate demand and aggregate supply – the consumption function and multiplier process – The investment function: Marginal Efficiency of Capital – Liquidity preference and rate of interest.

Unit – V: Inflation: (19 Hours)

Types of Inflation, causes and effects of inflation and remedial measures. Deflation – Understanding deflation – Causes of deflation – Changing views on deflation impact

Books for Study

1. Jhingan M. L., *Macro Economic Theory*, 13th Revised Edition, ISBN -18- 87125-45-4, Vrinda Publication (P) Ltd, New Delhi, 2016.
2. Gupta. R.D, *Keynesian and Post Keynesian Economy*, Milestone Publication, New Delhi, 2013.

Books for References

1. Seth, M.L, *Macro Economics*, 28th Revised Edition 2017- Lakshmi Narain Agarwal, Agra.
2. Edward Shapiro, *Macro Economic Analysis*, Galgotia, 13th edition, 2013, New Delhi.
3. Maria John Kennedy, *Macro Economic Theory*, PHI learning PVT, limited, 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 SpecificOutcomes

Semester	Course code		Title of the Course					Hours		Credits	
I	A1EC2		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	3	2	3	3	2	2.5
CO-4	3	2	2	3	2	1	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)


SIGNATURE OF THE HOD
Mr. P. JAYAKUMAR
 M.A., M.Phil., M.Ed., PGDCA, Ph.D.,
 Associate Professor.


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

Semester	Course Code	Title of the Course	Hours	Credits
II	A2EC3	CC3: MICRO ECONOMICS - II	6	4

CO No.	CO–Statements	Cognitive Levels (K–Levels)
	On successful completion of this course, students will be able to	
CO–1	Describe the market structure, behaviour of the producer and Equilibrium of the firm/industry	K1
CO–2	Explain resource allocation on social perspective, product pricing and the Monopoly price discrimination	K2
CO–3	Illustrate the concept of prevailing market structures, illusory advertisements and price leadership tending to Monopoly.	K3
CO–4	Analyses Factor pricing and point out reasons for wage differential on social perspective.	K4
CO–5	Connect Economic theories with concept of Social welfare.	K4

Unit – I: Theory of Factor Pricing:

(18 Hours)

Factor Pricing under perfect competition – Marginal productivity theory – Demand for and supply of factors – Collective bargaining and wage determination – Factor pricing under imperfect competition – Monopsony.

Unit – II: Theory of Rent:

(18 Hours)

Interest and Profit -Ricardian and Modern theories of rent – Real theories of interest – Risk, uncertainty and profit.

Unit – III: Theory of Welfare:

(18 Hours)

Welfare analysis: Pareto criterion and Pareto optimality – utility possibility Frontier – Competitive equilibrium and Pareto optimality – Limitations of Pareto criterion.

Unit – IV: Internal and International Trade:

(18 Hours)

Features and Determinants of International Trade – International Trade and Factor Prices – Free Trade and Protection – Gains from international trade –Optimum tariff.

Unit – V: Determination of prices in different economic systems:

(18 Hours)

Role of prices in different economic systems – Income distribution and price system.

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

Books for Study

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

Books for References

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

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	A2EC2		CC3 MICROECONOMICS-II					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	1	3	3	2	2	3	2.2
CO-2	2	3	2	1	2	3	3	2	2	3	2.3
CO-3	1	2	3	2	3	2	3	2	3	2	2.3
CO-4	2	2	2	3	21	2	3	2	2	3	2.2
CO-5	1	2	2	2	3	1	3	2	2	3	2.1
Mean overall Score										2.3 (High)	


SIGNATURE OF HOD

Jr. P. JAYAKUMAR
M.A., M.Phil., M.Ed., PGDCA., Ph.D..
Associate Professor.


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