PERIYAR UNIVERSITY
SALEM – 636011

Degree of Bachelor of Arts
CHOICE BASED CREDIT SYSTEM

SYLLABUS FOR
B.A. Economics

(Semester Pattern)

For Candidates Admitted in the Colleges Affiliated to

Periyar University from the Academic year 2026 – 2027 on wards

UG ECONOMICS – BOARD OF STUDIES

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REGULATIONS FOR UNDER GRADUATE DEGREE COURSES IN SCIENCES, HUMANITIES, SOCIAL SCIENCES AND COMMERCE

CBCS PATTERN

Definitions:

Programme: **Programme means a course of study leading to the award of a degree in discipline.**

Course: **Refers to a subject under the degree programme.**

Part - I: **Tamil/Other languages:means—Tamil/other languages‖offered under Part I of the programme**

Part II: **English:means—English language offered under PartII of the programme.**

Part III: **Means — "Core courses" and "Elective courses including laboratory" "Elective Papers"-Anopen choice of to picscategorized under Generic and Discipline Centric.**

PartIV: **Non-Major Electives Mean selective subjects offered under Part IV**

Skill Enhancement Courses - means the courses offered as skill-based courses under Part IV of the programme aimed at imparting Advanced Skill.

Foundation Course: means courses such as to ease the transition of learning from higher secondary to higher education, providing an overview of the pedagogy of learning abstract Statistics and simulating mathematical concepts to real world.

Value Education (I year - I Semester)

Environmental Studies (III year &V Semester)

Internship / Industrial Training - Practical training at the Industry/ Banking Sector / Private/ Public sector organizations / Educational / Technical institutions, enable the students gain professional experience and also become responsible citizens.

Project with Viva – voce - Application of the concept to real situation is conceived resulting in tangible outcome

Part V:- **Extension Activities**: means allthose activities under NSS/ NCC/Sports/YRC programme and other co and extracurricular activities offered under Part V of the programme.

Adetailed explanation of the above with relevant credit saregiven under Schemes of Examination along with Distribution of Marks and Credits.

Duration: Means the stipulated years of study to complete a programme as prescribed by the University from time to time. Currently for the undergraduate programme the duration of study is THREE years. These regulations shall apply to the regular course of study in approved institutions of the University.

Credits: Means the weight agegiven to each course of study (subject) by the experts of the Board of Studies concerned.

Credit System: Means,the course of study under thisregulation,where weight age of credits is spread over to different semesters during the period of study and the Cumulative Grade Point Average shall beawarded based on the credit searned by the students. A total of 140 credits are prescribed for the Undergraduate Programme (Three years).

Choice Based Credit System: All Undergraduate Programmes offered by the University shall be under Choice Based Credit System (CBCS).This is to enhance the qualityand mobility of the student swith in and between the Universities in the country and abroad.

1. **Eligibility for Admission to the Course**

   Candidate for admission to the first year ofthe UG degree programme shall be required to have passed the higher secondary examination (Academic or Vocational) conducted by the Govt. of Tamil Nadu in the relevant subjects or other examinations accepted as equivalent thereto by the Syndicate, subject to such other conditions as may be prescribed therefor.

2. **Durationofthe Course**

   The course shall exten doveraperiod of three years comprising of six semesters with two semesters in one academic year.There shall not beless than 90 working days for each semester.Examination shall be conducted at the end of every semester for the respective subjects. Each semester has 90 working days consists of 5 teaching hours per working day. Thus, each semester has 450 teaching hours and the whole programme has 2600 teaching hours.

3. **Courseof Study**

   The course of study for the UG degree courses of all branches shall consist of the following:

Part -I:Tamil

Tamil or any one of the following modern/classical languages i.e. Telugu, Kannada, Malayalam, Hindi, Sanskrit, French, German, Arabic & Urdu. The subject shall be offered during the first four semesters with one examination at the end of each semester (4 courses – 12 credits).

Part– II:English

The subject shall be offered during the first four semesters with one examination at the end of each semester (4 courses – 12 credits).

Part– III:

Core Subjects

As prescribed in the scheme of examination. Examination shall be conducted in the core subjects at the end ofevery semester. For the programmes with 4 semester languages, 15 core courses with 75 credits are to be offered.

Electives courses/ Discipline Specific Elective

Three elective courses with 9 credits are to be offered one in the first five semesters. Elective subject is prescribed by the Board of Studies concerned for the welf are of the students to enhance their knowledge and to update their level of understanding in the subjects which are generic in nature and discipline specific. DSE subjects are to beselected from the list of DSE's Prescribed by the Board of Studies Concerned.

Part– IV:

1. **Skill Enhancement Course:**

   All the UG programmes shall offer three courses of **skill Enhancement subjects** in **III, IV & V semesters** with 6 credits for which examination shall be conducted at the end of the respective semesters.

2. **Value Education:**

   All the UG Programmes shall offer a course in—Value Education and it shall be offered in the first semester. Examination shall be conducted at the end of the semester.

3. **Disaster Management:**

   All the UG Programmes shall offer a course in— Disaster Management and it shall be offered in the second semester. Examination shall be conducted at the end of the semester.

4. **Health and Wellness:**

All the UG Programmes shall offer a course in— Health and Wellness and it shall be offered in the third semester. Viva -voce shall be conducted at the end of the semester.

5. **Environmental Studies:**

All the UG programmes shall offer a course in Environmental Studies subjects and it shall be offered in the thirdand fourth semester.Examination shall be conducted at theen do ffifth emester (one course with 2 credits).

6. **Summer Internship/Industrial Training:**

All the UG Programmes should undergo a Summer Training / Internship Training to enhance their entrepreneurial skills and it shall be offered in the vacation of the summer (15 days) after the exams are over. Viva-voce shall be conducted at the end of the fifth semester with 2 credits.

PartV: Extension Activities (One Credit)

Every student shall participate compulsorily for period of not less than two years (4 semesters) in any one of the following programmes.

NCC,NSS,YRC,SPORTS & Other Extra-Curricular activities.

The student's performance shall be examined by the staff in-charge of extension activities along withthe Head ofthe respective department and a senior member ofthe Department on the following parameters. The marks shall be sent to the Controller of Examinations before the commencement of the final semester examinations.
20% of marks for Regularity of attendance.

60% of marks for Active Participation in classes/ camps/ games/ special Camps/ programmes in the college/ District/ State/ University activities.

10% of marks for Exemplary awards/ Certificates/ Prizes.

10% of marks for Other Social components such as Blood Donations, Fine Arts, etc.

The above activities shall be conducted outside the regular working hours of the college. The mark sheet shall carry the gradation relevant to the marks awarded to the candidates.

A -Exemplary -80and Above

B -VeryGood -70-79

C - Good -60-69

D - Fair -50-59

E -Satisfactory -40-49

This grading shall be incorporated in the mark sheet to be issued at the end of the semester. (Handicapped students who are unable to participate in any of the above activities shall be required to take a test in the theoretical aspects of any one of the above fields and be graded and certified accordingly).

7. **Requirement toappear for the examinations:**

i. A Candidate shall be permitted to appear for the university examinations for any semester (practical/theory) if he/she secures not less than 75% of attendance in the number of working days during the semester.

ii. A candidate who has secured less than 75% but 65% and above attendance in any semester has to pay fine of Rs.800/- and a candidate shall be permitted to appear for the university examination in that semester itself.

iii. A candidate who has secured less than 65% but 50% and above attendance in any semester has to pay fine of Rs.800/- and can appear for both semester papers together at the end of the later semester.

iv. A candidate who has secured less than 50% of attendance in any semester shall not be permitted to appear for the regular examinations and to continue the study in the subsequent semester. He/she has to rejoin the semester in which the attendance is less than 50%.

8. **Schemeofexamination:**

As given in the annexure..

9. **Restrictions to appear fo rthe examinations:**

i. Any candidate having arrear paper(s) shall have the option to appear in any arrear paper along
with the regular semester papers.

ii. Candidates who fail in any of the course of Part I, II, III, IV & V of UG degree examinations shall complete the course concerned within 5 years from the date of admission to the said programme, and should they fail to do so, they shall take the examination in the texts/ revised syllabus prescribed for the immediate next batch of candidates. If there is no change in the texts/ syllabus they shall appear for the examination in that course with the syllabus in vogue until there is a change in the texts or syllabus. In the event of removal of that course consequent to change of regulation and / or curriculum after 5-year period, the candidates shall have to take up an equivalent course in the revised syllabus as suggested by the Chairman and fulfill the requirements as per the regulation curriculum for the award of the degree.

10. **Medium of Instruction and examinations:**

The medium of instruction and examinations for the courses of Part I, II & IV shall be the language concerned. For part III courses other than modern languages, the medium of instruction shall be either Tamil or English and the medium of examinations is English/Tamil irrespective of the medium of instructions. For modern languages, the medium of instruction and examination shall be the language concerned.

11. **Submission of Record Note Books for practical examinations:**

Candidates appearing for practical examinations should submit Bonafide Record Note Books prescribed for practical examinations, otherwise the candidates shall not be permitted to appear for the practical examinations.

12. **Passing Minimum:**

i. A candidate who secures not less than 40% in the University (external) Examination and 40% marks in the external examination and continuous internal assessment put together in any course of Part I, II, III & IV shall be declared to have passed the examination in the subject (theory or Practical).

ii. A candidate who secures not less than 40% of the total marks prescribed for the subject under part IV degree programme irrespective of whether the performance is assessed at the end semester examination or by continuous internal assessment shall be declared to have passed in that subject.

iii. A candidate who passes the examination in all the courses of Part I, II, III, IV & V shall be declared to have passed, the whole examination.

13. **Distribution:**

Table 1(A): The following are the distribution of marks for external and internal for University (external) examination and continuous internal assessment and passing minimum marks for theory papers of UG programmes.

Table1(A)

TOTAL MARKS	External		Internal		OverallPassing Minimum for total marks (Internal+ External)
	Maximum Marks	Passing Minimum forExternal alone	Maximum Marks	Passing Minimum forInternal alone	
100	75	30	25	10	40

Table–1(B):The following are the distribution of marks for continuous internal assessments in theory papers of UG programmes:

Table– 1 (B)

Sl.No.	ForTheory -UG Courses	Distribution of Marks
1	Tests	15
2	Assignments(2)	5
3	Attendance	5
	TotalMarks	25

Table – 2(A): The following are the distribution of marks for University (external) examinations and continuous internal assessments and passing minimum marks for the practical courses of UG programmes.

Table– 2 (A)

TOTAL MARKS	External		Internal		OverallPassing Minimum for total marks (Internal + External)
	Maximum Marks	Passing Minimum forExternal alone	Maximum Marks	Passing Minimum forInternal alone	
100	75	30	25	10	40

Table–2(B):The following are the distribution of marks for the continuous internal assessment in UG practical courses:

Sl.No.	For Theory-UG Courses	DistributionofMarks
1	Tests	15
2	Assignments(2)	5
3	Attendance	5
	TotalMarks	25

The following courses shall have end semester examinations and Continuous Internal Assessment:

Table-3

S.No.	Subject	Internal	External	Total
1.	Value Education	25	75	100
2.	Environmental Studies	25	75	100
3.	Non Major Electives 1st semester	25	75	100
4.	Non Major Electives 2ndsemester	25	75	100

3. Grading

Once the marks of the CIA and end-semester examinations for each of the course are available, they shallbe added. The mark thus obtained shallthen be converted to the relevant letter grade, grade point as per the details given below:

Table-4

Conversion of Marks to Grade Points and Letter Grade (Performance in a Course/Paper)

RANGEOFMARKS	GRADEPOINTS	LETTERGRADE	DESCRIPTION
90-100	9.0-10.0	O	Outstanding
80-89	8.0-8.9	D+	Excellent
75-79	7.5-7.9	D	Distinction
70-74	7.0-7.4	A+	VeryGood
60-69	6.0-6.9	A	Good
50-59	5.0-5.9	B	Average
40-49	4.0-4.9	C	Satisfactory
00-39	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

i =Credit searned for course I in any semester.

Gi =Grade Point obtained for course I in any semester.

n =refers to the semester in which such course was credited.

Grade point average (for a Semester):

Calculation of grade point average semester-wise andpart-wise is as follows:
GRADE POINT AVERAGE [GPAΣi]=CiGi/Σi Ci

$$\text{GPA}=\frac{\text{Sum of the multiplication of grade points by the credits of the courses offered under each part}}{\textbf{Sum of the credits of the courses under each part in a semester}}$$

Calculation of Grade Point Average (CGPA)(for the entire programme):

A candidate who has passed all the examinations under different parts (Part-ItoV) is eligible for the following part-wise computed final grades based on the range of CGPA:

CUMULATIVE GRADE POINT AVERAGE[CGPA]=ΣnΣiCniGni/ΣnΣiCni

Sum of the multiplication of grade points by the credits of the entire programme under each part CGPA =

Sum of the multiplication of grade points by the credits of the entire programme under each part

Table–5

CGPA	GRADE
9.5 10.0	**O+**
9.0 and above but below 9.5	**O**
8.5 and above but below 9.0	**D++**
8.0 and above but below8.5	**D+**
7.5 and above but below8.0	**D**
7.0 and above but below7.5	**A++**
6.5 and above but below7.0	**A+**
6.0 and above but below6.5	**A**
5.5 and above but below6.0	**B+**
5.0 and above but below5.5	**B**
4.5 and above but below5.0	**C+**
4.0 and above but below4.5	**C**
0.0 and above but below4.0	**U**

4. Improvement of Marks in the subjects already passed

Candidates desirous of improving the marks awarded in a passed subject in their first attempt shall reappear once within a period of subsequent two semesters. The improved marks shall be considered for classification but not for ranking. When there is no improvement, there shall not be any change in the original marks already awarded.

5. Classification of Successful candidates

A candidate who passes all the examinations in Part I to Part Vsecuring following CGPA and Grades shall be declared as follows **for Part I or Part II or Part III**:

Table6

CGAP	GRADE	CLASSIFICATIONOF FINALRESULTS
9.5- 10.0	O+	First Class Exemplary*
9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	First Class with Distinction*
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	FirstClass
6.5 and above but below 7.0	A+	
6.0 and above but below 6.5	A	
5.5 and above but below 6.0	B+	SecondClass
5.0 and above but below 5.5	B	
4.5 and above but below 5.0	C+	ThirdClass
4.0 and above but below 4.5	C	

1. A candidate who has passed all the Part-III subject examination in the first appearance with in the prescribed duration of the UG programme sand secured a CGPA of 9 to 10 and equivalent grades "O" or "O+" in part III comprising Core, Electives and Allied **subjects shall be placed in the category of "First Class– Exemplary".**

2. A candidate who has passed all the Part-III subject examination in the first appearance within the prescribed duration' of the UG programmes and secured a CGPA of 7.5 to 9 and equivalent grades "D" or "D+" or "D++" in part III comprising Core, Electives and **Allied subjects shall be placed in the category of "First Class qwith Distinction".**

3. Acandidate who has passed all the Part-Ior Part-II or Part-III subject examination of the UG programmes and secured a CGPA of6 to 7.5and equivalent grades"A"or "A+"or "A++" shall be declared to have passed that parts in**"First Class"**.

4. A candidate who has passed allthe Part-Ior Part-II or Part-III subject examination of the UG programmes and secured a CGPA of 5.5 to 6 and equivalent grades"B" or "B+" shall be declared to have passed that parts in **"Second Class"**.

5. Acandidate who has passed all the Part-I or Part-II or Part-III subject examination of the UG programmes and secured a CGPA of 4.5 to 5 and equivalent grades"C" or "C+"shall be declared to have passed that parts in **"Third Class"**.

6. There shall be no classifications offinal results, the refore, award of class for Part IV and Part V, however, those parts shall be awarded with final grades in the end semester statements of marks and in the consolidated statement of marks.

6. **Conferment of the Degree:**

No candidate shall be eligible for conferment of the Degree unless he/she

1. Has undergone the prescribed course of study for a period of not less than six semesters in an institution approved by/affiliated to the University or has been exempted from in the manner prescribed and has passed the examinations as have been prescribed thereof.
2. Has completed all the components prescribed under Parts I to Part V in the CBCS pattern to earn 140 credits.
3. Has successfully completed the prescribed Field Work/ Institutional Training as evidenced by certificate issued by the Principal of the College.

7. **Ranking**

A candidate who qualifies for the UG degree course passing all the examinations in the first attempt, with in the minimum period prescribed for the course of study from the date of admission to the course and secures I class shall be eligible for ranking and such ranking shall be confined to 10% of the total number of candidates qualified in that particular branch of study, subject to a maximum of 10 ranks. The improved marks shall not be taken into consideration for ranking.

8. **Additional Degree**

a. The following is the norms prescribed for students admitted from 2010-11 onwards. Any candidate who wishes to obtain an additional UG degree not involving any practical shall be permitted to do so and such a candidate shall join a college in the III year of the course and he/she shall be permitted to appear for part III alone by granting exemption from appearing Part I, Part II, Part IV and Part V and common allied subjects (if any), already passed by the candidate. And a candidate desirous to obtain an additional UG degree involving practical shall be [permitted to do so and such candidate shall join a college in the II year of the course and he/she be permitted to appear for Part III alone by granting exemption from appearing for Part I, Part II, Part IV and Part V and the common allied subjects. If any, already passed. Such candidates should obtain exemption from the university by paying a fee of Rs.500/-.

b. The following is for students admitted prior to 2008-09:
Any candidate who wishes to obtain an additional UG degree not involving any practical shall be permitted to do so and such a candidate shall join a college in the III year of the course and he/she shall be permitted to appear for part III alone by granting

exemption from appearing Part I, Part II, Part IV and Part V and common allied subjects (if any), already passed by the candidate. And a candidate desirous to obtain an additional UG degree involving practical shall be [permitted to do so and such candidate shall join a college in the II year of the course and he/she be permitted to appear for Part III alone by granting exemption from appearing for Part I, Part II, Part IV and Part V and the common allied subjects. If any, already passed. Such candidates should obtain exemption from the university by paying a fee of Rs.500/-.

9. **Evening College**

The above regulations shall be applicable for candidates undergoing the respective courses in Evening Colleges also.

10. **Question Paper Pattern**

Table 7

Maximum 75 Marks wherever applicable			
Section A	Multiple Choice Questions	15*1=15	15 questions 3each from every unit
Section B	Short answer questions of either/or type (like1.aorb)	2*5=10	2 questions 1each from every unit
Section C	Essay type question of any three out of five questions.	5*10=50	5 questions 1 each from every unit with internal choice of (a) or (b).

11. **Syllabus**

The syllabus for various courses shall be clearly demarcated into five viable units in each paper/subject.

12. **Revision of Regulations and Curriculum**

The above Regulationand Scheme of Examinations shall be in vogue without any change for a minimum period of three years from the date of approval of their approval. The University may revise / amend / change the Regulations and Scheme of Examinations, if found necessary.

13. **Transitory Provision**

Candidates who have undergone the Course of Study prior to the Academic Year 2023-2024 shall be permitted to take the Examinations under those Regulations for a period of four years i.e. up to and inclusive of the Examination of April 2028 thereafter they shall be permitted to take the Examination only under the Regulations in force at that time.

CHOICE BASED CREDIT SYSTEM AND LEARNING OUTCOMES-BASED CURRICULUM FRAME WORK BASED B.A. ECONOMICS SYLLABUS	
Programme:	**B.A.Economics**
Programme Code:	
Duration:	**3Years(UG)**
Programme Outcomes:	**PO1:Knowledge of Economics:** Ability to understand Economic Theories and functioning of Economic Models. To develop an adequate competency in the Economic Theory and Methods. **PO2: Analytical Reasoning and Critical Thinking:** Critically Analyze and assess the way in which economists examine the real world to understand the current events and evaluate specific proposals. **PO3:Logical Reasoning and Quantitative Ability:** Ability to understand how to collect and Analyse data and use empirical evidence to evaluate the validity of hypothesis, using Quantitative Methodology and conduct data analysis to interpret results. **PO4:Communication and Research Skills:** Communication and Research related skills. Developing a sense of capability for relevant/appropriate inquiry and asking questions, synthesising and articulating and reporting results and to efficiently communicate thoughts and ideas in a clear and concise manner. **PO5:Gender, Environment and Sustainability:** Comprehend the Environmental issues and Sustainable Development and strive to achieving economic and social equity for women and be Gender Sensitive. **PO6:Employability and Leadership Skills:** Become empowered individuals to be employed in various positions in industry, academia and research and have the potential to become Entrepreneurs and take leadership roles in their chosen occupations and communities. **PO7**:**Social Interaction**: Acquire the ability to engage in relevant conversations and have the ability to understand the views of society that would help initiate policy making. **PO8:** Digital Literacy and Lifelong Learning: Capability to use ICT tools in a variety of learning situations and use appropriate software for analysis of data - Ability to acquire Knowledge situations and skills for life through self-directed learning and adapt to different learning environments.

Programme Specific Outcomes:	**PSO 1**:To enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making. **PSO 2**: To sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment. **PSO 3**: To familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing. **PSO 4**: Evaluate various social and economic problems in the society and develop answer to the problems as global citizens. **PSO 5:** Enhance skills of analytical and critical thinking to analyze effectiveness of economic policies.

	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
PSO1	Y	Y	Y	Y	Y	Y	Y	Y
PSO2	Y	Y	Y	Y	Y	Y	Y	Y
PSO3	Y	Y	Y	Y	Y	Y	Y	Y
PSO4	Y	Y	Y	Y	Y	Y	Y	Y
PSO5	Y	Y	Y	Y	Y	Y	Y	Y

3–Strong, 2-Medium, 1-Low

Credit Distribution for UG Programme in Economics

Sem I	Credit	SemII	Credit	SemIII	Credit	SemIV	Credit	Sem V	Credit	SemVI	Credit
Part–I 1.1.Language	3	**Part–I** 2.1.Language	3	**Part–I** 3.1.Language	3	**Part-I** 4.1.Language	3	**Part-III** 5.1Core Course– CC- VIII	5	**Part-III** 6.1Core Course– CC - XI	5
Part–II 1.2English	3	**Part-II** 2.2English	3	**Part-II** 3.2English	3	**Part-II** 4.2English	3	**Part-III** 5.2Core Course– CC - IX	5	**Part-III** 6.2Core Course– CC- XII	5
Part-III 1.3Core Course – CC-I	5	**Part-III** 2.3Core Course –CC-III	5	**Part-III** 3.3CoreCourse – CC V	5	**Part-III** 4.3CoreCourse – CC VI	5	**Part-III** 5.3.Core CourseCC-X	5	**Part-III** 6.3Core Course– CC- XIII	5
Part-III 1.4Core Course– CC-II	5	**Part–III** 2.4Core Course – CC IV	5	**Part–III** 3.4Allied–III/ Theory	4	**Part-III** 4.4CoreCourse – CC VII	5	**Part-III** 5.3.ElectiveIII Generic/ Discipline Specific	3	**Part-III** 6.4Core Course– CC- XIV	5
Part–III 1.5Allied-I/ Theory	4	**Part–III** 2.5Allied–II/ Theory	4	**Part–III** 3.5ElectiveI Generic/Discipline Specific	3	**Part-III** 4.5Allied-IV /Theory	4	**Part-IV** 5.4Skill Enhancement Course SEC-3	2	**Part-III** 6.5Core Course- CC–XV(**Group Project)**	5
Part-IV 1.6 Non-Major Elective NME -1	2	**Part-IV** 2.6Non-Major Elective (NME-II)	2	**Part-IV** 3.6Skill Enhancement CourseSEC-1	2	**Part-III** 4.6ElectiveII Generic/Discipline Specific	3	**Part-IV** 5.5**Summer Internship /Industrial Training**	2	**Part-V** 6.6Extension Activity	1
						Part–IV 4.7 Skill Enhancement CourseSEC-2	2				
Part-IV 1.7 Value Education	1	**Part–IV** 2.7 Disaster Management	1	**Part-IV** 3.7Healthand Wellness	1			**Part-IV** EVS-Environmental Studies	2		
		Naan Muthalvan (NMSDC)	2	**Naan Muthalvan (NMSDC)**	2	**Naan Muthalvan (NMSDC)**	**2**	**Naan Muthalvan (NMSDC)**	2	**Naan Muthalvan (NMSDC)**	2
	23		**23+2**		**21+2**		**25+2**		**24+2**		**25+1+2**

	Total Credit Points	**142**

CREDIT DISTRIBUTION FOR B.A.ECONOMICS

3–Year UG Programme in Economics (B.AEconomics) Credits Distribution			
		No.ofPapers	**Credits**
PartI	Tamil (3 Credits)	4	12
Part II	English (3Credits)	4	12
Part III	Core Courses (5 Credits)	15	75
	Elective Courses: Generic / Discipline Specific (3Credits)	3	9
	Allied /Theory (4credits)	4	16
		Total	**124**
Part IV	NME (2Credits)	2	4
	Skill Enhancement Courses (2 credits)	**3**	6
	Entrepreneurial Skill/Summer internship / Industrial Training (2credits)	1	2
	EVS (2 Credits)	1	2
	Value Education (1Credits)	1	1
	Healthand Wellness (1credit)	1	1
	Disaster Management	1	1
		Part IV Credits	**18**
PartV	Extension Activity (NSS/NCC/Physical Education)		1
Total Credits for the UG Programme in Economics			**142**

B.A.,ECONOMICS CREDIT DISTRIBUTION

First Year–Semester– I				
Part	**Core code**	**List of courses**	**Credits**	**No.of Hrs**
PartI		Language	3	6
Part II		English	3	6
Part-III	26UEC01	**CoreCourse-I** Microeconomics- I	5	5
	26UEC02	**CoreCourse–II** Statistics for Economics-I	5	5
	26UECA01	**Allied-I/(Theory)** Principles of Accountancy-I	4	4
Part-IV	26UECNM01	**Non-MajorElective(NME-I)**–(Offered to other departments) Demography	2	2
	26UVE01	**Value Education (Yoga)**	1	2
TOTAL			**23**	**30**
First Year–Semester–II				
Part		**List of courses**	**Credits**	**No.of Hrs.**
PartI		Language	3	6
Part II		English	3	6
Part III	26UEC03	**CoreCourseIII**- MicroEconomics-II	5	4
	26UEC04	**CoreCourseIV**- Statistics for Economics-II	5	4
	26UECA02	**Allied–II/(Theory)** Costand Management Accounting-II	4	4
Part IV	26UECNM02	**Non-Major Elective (NME-II)**–(Offered to other departments) Economics for Investors	2	2
	26UDM01	**Disaster Management**	1	2
		Naan Mudhalvan– NMSDC	2	2
TOTAL			**25**	**30**

Second Year–Semester–III				
Part		**List of Courses**	**Credits**	**No.of Hrs**
PartI		Language	3	6
Part II		English	3	6
PartIII	26UEC05	**CoreCourse–V**Macro-Economics-I	5	5
	26UECA03	**Allied – III** Mathematics for Economists	4	5
	26UECE01	**GenericElective-I** History of Economic Thought	3	4
PartIV	26UECS01	**Skill Enhancement Course-SEC-1** Economics of Tourism	2	2
	26UHWP01	**Health&Wellness (viva -voce)**	1	-
		Naan-Mudhalvan-NMSDC	2	2
TOTAL			**23**	**30**

Second Year–Semester–IV				
Part		**List of Courses**	**Credits**	**No.of Hrs**
PartI		Tamil	3	6
Part II		English	3	6
Part III	**26UEC06**	**CoreCourse–VI** Macro-Economics-II	5	4
	26UEC07	**CoreCourse–VII** Indian Economy-Problems and Policies	5	4
	26UECA04	**Allied– IV** -Econometrics	4	4
	26UECE02	**Generic Elective-II** Health Economics	3	2
Part IV	**26UECS02**	**Skill Enhancement Course-SEC-2** Computer Application in Economics	2	2
		Naan Muthalvan-NMSDC	2	2
TOTAL			**27**	**30**

Third Year–Semester–V				
Part		**List of Courses**	**Credits**	**No.of Hours**
Part III	26UEC08	**CoreCourse-VIII** Monetary Economics	5	6
	26UEC09	**CoreCourse-IX** Fiscal Economics	5	6
	26UEC10	**CoreCourse-X** Industrial Economics	5	6
	26UECE03	**DisciplineSpecificElective-III** Environmental Economics	3	5
Part IV	26UECS03	**Skill Enhancement Course–SEC–3** Business Communication	2	3
	26UECIT1	Summer Internship/Industrial Training	2	-
	26UES01	EVS	2	2
		Naan Muthalvan-NMSDC	2	2
TOTAL			**26**	**30**

Third Year–Semester–VI				
Part		**List of Courses**	**Credits**	**No.of Hrs**
Part III	26UEC11	**Core Course XI** International Economics	5	6
	26UEC12	**Core Course XII** Development Economics	5	6
	26UEC13	**CoreCourseXIII** Agricultural Economics	5	6
	26UEC14	**CoreCourseXIV** TamilNadu Economy	5	4
	26UECPR1	**CoreCourseXVGroup Project** (not more than 6 members)	5	6
Part IV	26UEX01	Extension Activity	1	-
		NaanMuthalvan–NMSDC	2	**2**
TOTAL			**28**	**30**

TOTAL CREDITS:23+25+23+27+26+28=152 Credits (142+10NM)

PART I & II : 24

PART–III : 100 (Core–75,Allied-16,Elective-9)

PART–IV : 18(NME–4,SEC–6,Value Edun.–1,DM-1,H.W–1,EVS-2,Internship-2)

Naan Muthalvan: (NMSDC) 10

Total Papers : 46(41+5NM)

FIRST YEAR–SEMESTER-I

Core–I MICRO ECONOMICS-I

Learning Objectives		
C1	To Equip the economic behaviours of individual units of the society.	
C2	To describes the consumer behavior and utility analysis	
C3	To impart knowledge on demand and supply concepts	
C4	To identify the relevance of Production and returns to scale of Production	
C5	To know the costs and profit maximisation	
UNIT	**Contents**	**No.of Hours**
I	**Basic Concepts** Definitions of Economics– Nature and Scope of Microeconomics – Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms –Decision Making– Rationality: Self-Interest – Trade-offs –Fundamental Economic Problems-Market Mechanism and Resource Allocation.	15
II	**Utility Analysis** Utility–Ordinal and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves–Properties–Marginal Rate of Substitution-Budget Line–Priceand Substitution Effects-Optimal Consumer Choice–Revealed Preference Theory–Samuelson and Hicks Approach	18
III	**Deman dandSupplyAnalysis** Demand–TypesofGoods-Law of Demand–Determinants – Exceptions–Giffen Paradox–Veblen Effect-Elasticityof Demand: Types – Engel's Law -Supply – Law of Supply – Determinants –Elasticityof Supplyand itsTypes- Market Equilibrium –Consumer Surplus and Producer Surplus	15
IV	**ProductionAnalysis** Production Function–Law of Variable Proportions-Laws of Returns to Scale,Iso-quants-Types of Production Function–Cobb -Douglasand Constant Elasticity of Substitution (CES)Production Function–Economies and Diseconomies of Scale	15
V	**Cost and Revenue Concepts** Costs–Fixed and Variable Costs-Average,Marginal,and Total Costs–Short Runand Long Run Costs–Implicit,Explicit,Sunk and Imputed Cost–Revenue–Total,Average and Marginal Revenue –Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.	12
	Total	**75**

Course Out comes		Programme Out comes
CO	On completion of this course, students will	
1.	Understand the meaning of basic concepts and the need for the study of Microeconomics.	PO1,PO2
2.	Evaluate the Types of Utility and Consumer Behaviour.	PO2,PO3
3.	Acquire knowledge on various market equilibrium, Demand and Supply Functions	PO1,PO2
4.	To understand the meaning of Production Functions	PO1
5.	To understand the meaning of Production Functions	PO1
Reference Books		
1.	Robert Pindyck and Daniel L. Rubinfeld, (2001) Microeconomics, Macmillan	
2.	Hal R. Varian (2004), Intermediate Microeconomics (East-West Press: New Delhi)	
3.	Paul Krugman and Robin Wells, Microeconomics, Worth Publishers, 2020.	
4.	Ahuja H. L (2016) Principles of Microeconomics, S. Chand	
5.	Timothy Taylor, Steven A. Greenlaw and David Shapiro (2017) Principles of Economics, 12th Media Services.	
Text books		
1.	Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2nd Edition.	
2.	M. L. Jhingan (2016), Microeconomics, 8th Edition	
3.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.	
4.	Dwivedi, D.N (2002), Microeconomics: Theory and Applications, 2nd ed., Pearson	
5.	Ferguson C.E. (1970), Microeconomic Theory, (Homewood, U.S.A)	
6.	Karl E. Case and Ray C. Fair (2007), Principles of Economics, Pearson Prentice Hall Inc Singapore South Asia	
Web Resources		
1.	http://www.econlib.org/library/enc/microeconomics.html	
2.	https://www.tutor2u.net/economics	
3.	https://www.economicsnetwork.ac.uk/	
4.	https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics	
5.	http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf	

Mapping with Programme Outcomes:

	PO1	PO 2	PO3	PO 4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

S-Strong-3 M-Medium-2 L-Low-1

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	2	2	2
CO3	3	3	3	3	3
CO4	3	3	3	2	2
CO5	3	3	3	2	2
Weightage	15	15	14	11	11
Weighted percentage of Course Contribution to PSOs	3	3	2.8	2.2	2.2

FIRST YEAR– SEMESTER-I

Core-II:STATISTICS FOR ECONOMICS–I

Learning Objectives		
C1	To know then atureand scope of statistics and its applications	
C2	To teach students Collection, Classification, Analyzing and Presentation of data.	
C3	To apply the measures of centraltendency	
C4	To draw measurement of dispersion and its applications	
C5	To analyse correlation and regressionand its applications	
UNIT	**Contents**	**No.of Hours**
I	**Introduction and Collection of Data, classification and presentation of Data:** Introduction – Nature, scope, uses and limitations of Statistics – Data collection and its tools - Requisites of a Good Questionnaire. Classification and Tabulation of Data; Types - Types of Series – Individual, Discrete and Continuous - Frequency and Cumulative Frequency Distribution. Diagrams – Types; Graphical Representation – Types;Lorenz Curve.	15
II	**Measures of Central Tendency:** Measures of Central Tendency–Requisites of Good Average–Arithmetic Mean,Geometric Mean,Harmonic Mean,Medianand Mode – Relative merits and demerits.	15
III	**Measures of Dispersion and Shape** Absolute and Relative Measures of Dispersion–Range–Quartile Deviation–Mean Deviation–Standard Deviation–Variance– Coefficient of Variation- Measures of Shape – Skewness and Kurtosis.	15
IV	**Index Numbers** IndexNumbers–Meaning, Methods- UnweightedandWeightedIndex Numbers - Aggregate and Relative Index Numbers - Wholesale Price Index - Consumer Price Index - Cost of Living Index.	15
V	**TimeSeriesAnalysis** Definition - Components and Measurement : trend, seasonal, cyclical, irregular;Trendanalysis-SemiAverages,MovingAveragesandMethod of Least Squares - Uses of Time Series Analysis.	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand the overview of statistics and basic knowledge of statistical tools.	PO1, PO3,PO8
2	Differentiate Types of Dataandits Classification	PO1,PO2, PO3,PO8
3	Explain the concept of Averages and its application	PO1, PO2,PO3
4	Know the concept to Dispersion and its application	PO1, PO2,PO3
5	Calculate Correlation and estimate evaluesusing Regression	PO3,PO7,PO8
Text books		
1	Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.	
2	Sancheti. D.C and Kapoor V.K (2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.	
3	Dr. T.K.V. Iyengar, Dr. B. Krishna Gandhi, S. Ranganatham, Dr. M.V.S.S.N Prasad, Probability and Statistics, S. Chand and Co, 2020.	
4	Prof. S.G. Venkatachalapathy and Dr. H. Premraj (2018) Statistical Methods, Margham Publications.	
5	Dominick Salvatore and Derrick Reagle, theory and problems of statistics and econometrics, Mc Graw Hill, (2002)	
Reference Books		
1.	Saxena H.C, (2016) Elementary Statistics, S Chand and Company New Delhi.	
2.	Elhance D.N, (2004), Fundamentals of Statistics Kitab Mahal, New Delhi	
3.	Manoharan M (2010), “Statistical Methods”, Palani Paramount Publications, Palani.	
4.	R.S.N. Pillai and V. Bagavathi (2010), Statistics, Sultan Chand and Sons, New Delhi	
5.	Dr. S. Sachdeva (2014) Statistics - Lakshmi Narain Agarwal.	
Web Resources		
1.	https://www.cuemath.com/data/statistics/	
2.	https://stattrek.com/statistics/resources	
3.	https://testbook.com/learn/maths-mean-median-mode/	
4.	https://www.statistics.com/	
5.	https://thisisstatistics.org/students/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	3	2	2	2	3	3	3	3
Weightage	15	14	14	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	2.8	2.8	2.8	2.8	3.00	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PSOs	3	3	3	3	3

S-Strong-3 M-Medium-2 L-Low-1

FIRST YEAR–SEMESTER-I

Allied–I Principles of Accountancy

Learning Objectives	
C1	To familiarize students with the basic concepts and principles of accounting.
C2	To enable students to understand accounting procedures and preparation of books of accounts.
C3	To develop skills in recording business transactions using journal and ledger.
C4	To impart knowledge on preparation of trial balance and final accounts.
C5	To provide understanding of depreciation methods and accounting treatment.

UNIT	Contents	No.of Hours
I	Accounting Meaning and Definitions – objectives – Advantages and limitations of accounting – Types of accounts – Accounting Rules – Accounting concepts and conventions – Journal – Ledger.	15
II	Subsidiary books–Purchase Book– Sales Book –Purchase Return Book–Sales Return Book–Cash Book:Single Column,Double Column and Triple Column Cash Book	15
III	Petty Cash Book-Preparation of Trial balance.	15
IV	Final Accounts of a soletrader:Trading and Profit&Loss Account–Balance Sheet – Simple Adjustments.	15
V	Depreciation-Meaning and Causes of Depreciation-Depreciation methods –AccountingTreatment for Depreciation:Straight Line Method and Diminishing Balance Method only.	15
	Total	**75**

Distribution of Marks:60% Problem-40%Theory

Course Outcomes (COs)

CO1 Explain the concepts,objectives,principles and conventions of accounting.

CO2 Record business transactions using journal, ledger and subsidiary books.

CO3 Prepare cash book, petty cash book and trial balance accurately.

CO4 Prepare final accounts of sole traders with simple adjustments.

CO5 Apply depreciation methods and prepared epreciation accounts.

Text books:

1. Financial Accounting –Reddy and Murthy-Margham Publications,Chennai-17.
2. Financial Accounting–M.Sumathy, G. Sasikumar,Himalaya Publishing Pvt Ltd.,Mumbai.

3. Financial accounting- R.L Gupta and V.K Gupta, Sultan chand & Sons, New Delhi.

Reference books:

1. Financial Accounting- S.PJain & K.LNarang, Kalyanipublishers,Ludhiana.
2. Financial Accounting- Dr. S Ganesan and Kalavathi, Tirumalai Publications, Nagercoil.
3. Financial Accounting- R.S.N. Pillai and Bagavathy - Marghampublications, Chennai.

Mapping with Programme Outcomes (Pos) and Programme Specific Outcomes (PSOs)

COs/ POs	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PO13**	**PO14**	**PO15**	**Total**	**Average**
CO1	3	2	2	1	2	1	1	2	1	1	1	1	2	1	2	23	**2**
CO2	3	2	3	3	3	2	1	3	1	2	1	1	2	1	2	33	**2**
CO3	3	2	3	3	3	2	1	3	1	2	1	1	2	1	2	33	**2**
CO4	3	2	3	3	3	2	1	3	2	2	1	1	2	1	2	34	**2**
CO5	3	2	2	3	3	2	1	3	1	2	1	1	2	1	2	32	**2**

COs/PSOs	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**Total**	**Average**
CO1	2	1	1	2	2	8	**2**
CO2	2	2	2	3	2	11	**2**
CO3	2	2	2	3	2	11	**2**
CO4	2	2	2	3	2	11	**2**
CO5	2	2	2	3	2	11	**2**

S-Strong-3 M-Medium-2 L-Low-1

FIRST YEAR–SEMESTER-I

NME-IDEMOGRAPHY

Learning Objectives		
C1	To understand the meaning and Scope of demography	
C2	To discuss the basic concepts of demographic measurements	
C3	To describes the concepts of Urbanisation and migration	
C4	To evaluate the international aspects of population growth and its environment	
C5	To analyse the trends in population policy in India	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Meaning, Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.	15
II	**BirthRate,DeathRateand Fertility** Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Temporal and Spatial Variation in Sex Ratios – Crude Birth and Death Rate - Age Specific Birth and Death Rates – Standardized Birth and Death Rates – Fertility – Total Fertility Rate – Gross Reproduction Rate – Net Reproduction Rate.	16
III	**MigrationandUrbanisation** Migration and Urbanisation – Concept - Types of Migration - Effects of Migration and Urbanisation on Population – Recent Trends in Migration.	14
IV	**PopulationTrends** Population Trends – International Aspects of Population Growth and Distribution – Population and Environment Pattern of Age and Sex Structure in Developed and Developing Countries – Age Pyramids and Projections.	15
V	**PopulationPolicyinIndia** Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups – National Population Commission – Demographic Dividend – National Youth Policy.	15
	Total	**75**

CO	Course Outcomes	Programme Outcomes
CO1	On completion of this course, students will Describe the various theories of Population Growth	PO1,PO7
CO2	Understand Demographic Indicators	PO2,PO3
CO3	Assess the causes and impact of Migration on ural-urban population distribution	PO2,PO7
CO4	Analyse the major demographic trends and their determinants	PO1,PO2
CO5	Evaluate Population Policy of India and analyse recent trends.	PO1,PO2,PO3

Text books

1 Jhingan, M.L, B.K. Bhatt, J.N. Desai (2003) Demography, Vrinda Publications, New Delhi

2 Rajendra K. Sharma (2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.

3 Jennifer Hickes Lundquist, Douglas L. Anderton and David Yaukey, "Demography: The Study of Human Population", Waveland Press Inc, 2015

4 Dudley L. Poston, Jr. and Leon F. Bouvier, "Population and Society: An Introduction to Demography", Cambridge University Press, 2015

5 Richard. K Thomas, "Concepts, Methods and Practical Applications in Applied Demography", Springer, 2018

Reference Books

1. Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.
2. Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
3. Bogue, D.J. (1969), Principles of Demography, John Wiley, New York
4. Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.
5. Peter R. Cox, Demography - 5th Edition, Cambridge University Press.

Web Resources

1. https://data.worldbank.org/indicator/SP.POP.TOTL
2. https://www.iom.int/
3. https://censusindia.gov.in
4. https://www.nationalgeographic.org/encyclopedia/demography/
5. https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO 4	PO5	PO6	PO7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weightage	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weightage	15	14	14	13	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

VALUE EDUCATION COURSE (YOGA)-COMPULSORY-1 CREDIT

FIRST YEAR-SEMESTERII

Core-III MICROECONOMICS-II

Learning Objectives		
C1	To equip the students to gain knowledge on the market structures	
C2	To analyse the monopoly and price discrimination in the	
C3	To probe the monopolistic and oligopoly competitions and its	
C4	To enrich the students about the Theories of Distribution	
C5	To understand the concepts of Welfare Economics	
UNIT	**Contents**	**No.of Hours**
I	**Perfect Competition** Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition - Time Element Analysis.	14
II	**Monopoly and Price Discrimination** Definition of Monopoly – Demand and Marginal Revenue - Equilibrium under Monopoly – Dead Weight Loss - Policies to Control Monopoly – Price Discrimination – First Degree, Second Degree and Third-Degree Price Discrimination – Dumping.	15
III	**Monopolistic and Oligopoly Competition** Monopolistic Competition – Features – Product Differentiation – Market Equilibrium and Short Run and Long Run - Barriers to Entry – Group and Industry Equilibrium – Excess Capacity - Oligopoly – Kinked Demand Curve – Collusion – Cartels and Price Leadership – Game Theory – Minimax – Maximin – Nash Equilibrium.	16
IV	**Distribution Theory** Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem – Concepts of VMP and MRP.	14
V	**Welfare Economics and General Equilibrium** Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.	16
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand the equilibrium conditions in Perfect Competition.	PO1, PO2
2	Analyze the equilibrium conditions under Monopoly Market Structure.	PO1,PO2
3	Describe the Market Equilibrium under Monopolistic and Oligopoly Market.	PO1,PO2
4	Know the importance of theories of Distribution.	PO1,PO2
5	Evaluate the aspects of Welfare Economics and General Equilibrium.	PO2,PO3,PO7

Text books	
1.	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2.	Hal R. Varian (2004), Intermediate Micro Economics East-West Press: New Delhi.
3.	Walter Nicholson and Christopher Snyder, Micro Economic Theory - Basic Principles and Extensions, Cengage Learning India Pvt, Ltd, 12th Edition, 2016.
4.	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
5.	Timothy Taylor, Steven A. Greenlaw and David Shapiro (2017) Principles of Economics, 12th Media Services.

Reference Books	
1.	Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2nd Edition.
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3.	Case & Fair, Principles of Economics Myeconlab series 8th Edn.
4.	Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4th ed, Viva-Norton Indian Edition
5.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)

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

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	3	2	3	3	2	3	3
Weightage	14	15	14	15	14	14	14	15
Weighted percentage of coursecontribution to POS	2.8	3.00	2.8	3.00	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	3	2	2
CO3	3	3	3	2	3
CO4	3	3	3	2	2
CO5	3	3	3	3	3
Weightage	15	15	15	12	12
Weighted percentage of Course Contribution to PSOs	3	3	3	2.4	2.4

Strong-3 M-Medium-2 L-Low-1

FIRST YEAR- SEMESTER II

Core-IV STATISTICS FOR ECONOMICS-II

Learning Objectives		
C1	To understand the various methods of index numbers and its applications	
C2	To analyse the components and measurement of time series data	
C3	To know the theories of probability and its applications	
C4	To probe the research design and sampling methods	
C5	To acquire knowledge on the application of test of Hypotheses in Research	
UNIT	**Contents**	**No.of Hours**
I	**Bivariate Analysis** Correlation: Types of Correlation – Methods of Correlation - Karl Pearson's Co-efficient of Correlation – Spearman's Rank Correlation. Regression: Regression Equations – Distinction between Correlation and Regression Analysis.	15
II	**Theory of Probability** Key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Baye's Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties - Uses and Applications.	18
III	**Sampling** Sampling - Census and Sample Method – Theoretical Basis of Sampling - Methods of sampling – Random and Non–Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non-Sampling Errors – Principles of Sampling.	12
IV	**Testing of Hypothesis** Hypothesis Testing - Meaning, Types, Characteristics of Good Hypothesis, Sources and Functions of Hypothesis - Parameter and Statistic - Null and Alternative Hypothesis - Level of significance - Type - I and Type - II Errors - Standard Error.	12
V	**Testing of Analysis** Small Sample: t Test (Mean and Paired t – test) - Chi-Square test (Goodness of fit and Independence of attributes) - F test – Analysis of Variance - One way and Two-way ANOVA and Introduction to SPSS in Statistics.	18
	Total	**75 hours**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Analyze the importance of Time Series Data and its measurement	PO1,PO2,PO3
2	Identify the various Sampling Methods	PO1, PO2
3	Understand the concept of Probability	PO2
4	Acquire Knowledge on Hypothesis Testing	PO2,PO3,PO7,PO8
5	Develop knowledge in Testing of Analysis	P6,P7
Text books		
1	S.P Gupta, (2017) “Statistical Methods”, Sultan Chand & Sons.	
2	Anderson, Sweeney and Williams (2012), “Statistics for Business and Economics Cengage, 2012.	
3	Pillai R.S.N. & Bagavathi V (2012) “Statistics: Theory and Practice” S.Chand & Company Ltd. New Delhi.	
4.	Dr. T.K.V. Iyengar, Dr. B. Krishna Gandhi S. Ranganantham, Dr. M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.	
5.	Prof S.G. Vekatachalapathy and Dr. H. Premraj (2018) Statistical Methods Margham Publications.	
Reference Books		
1.	Anderson, David Ray, “Statistics for Business and Economics”, South-Western Pub, 2001.	
2.	Sancheti and Kapoor, Statistics, (2015) Sultan & Sons New Delhi.	
3.	Gupta S.C. Statistical Methods (2015) Sultan & sons New Delhi.	
4.	Monga G.S. “Mathematics and Statistics for Economics” (2001), Vikas Publishing House Pvt. Ltd New Delhi.	
5.	Dominick Salvatore and Derrick Reagle, theory and problems of statistics and econometrics, Mc Graw Hill, (2002)	
WebResources		
1.	https://stattrek.com/statistics/resources	
2.	https://www.cuemath.com/data/f-test/	
3.	https://www.statistics.com/	
4.	https://thisisstatistics.org/students/	
5.	https://oli.cmu.edu/courses/probability-statistics-open-free/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	3	2	2	2	3	2	3	3
Weightage	15	14	14	14	14	14	14	15
Weighted percentage of course contributionto POS	3.00	2.8	2.8	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PSOs	3	3	3	3	3

S-Strong-3 M-Medium-2 L-Low-1

FIRST YEAR –SEMESTER-II

Allied–II Cost and Management Accounting

Learning Objectives	
C1	To understand the concepts, objectives, scope and significance of cost and management accounting and distinguish between cost accounting and financial accounting.
C2	To prepare cost sheets, tenders and quotations.
C3	To apply material and labour cost control techniques and overhead allocation.
C4	To know different types of budgets for cost control and managerial decision making.
C5	To evaluate business performance and profit planning using marginal costing techniques.

UNIT	Contents	No.of Hours
I	**Cost accounting** – Meaning, definition, scope, objectives, advantages and limitations - Difference between cost accounting and financial accounting – **Management accounting:** Meaning, definition and objectives - Installation of costing system. Elements of cost – Material, labour and overheads – Preparation of cost sheet, tender and quotation	15
II	Material control – purchase procedure – stock levels – EOQ – methods of pricing material issues (FIFO, LIFO, Simple Average Method)	15
III	Labour cost control – time keeping and time booking – Methods of wage payment: time rate and piece rate systems. **Overheads and budgetary control:** Meaning and classification of overheads – allocation and apportionment of overheads – machine hour rate.	15
IV	Budget and budgetary control – types of budgets - sales budget, raw material budget – cash budget – flexible budget (simple problems).	15
V	Marginal costing – Break-Even Analysis for profit planning and control – P/V ratio – BEP and margin of Safety.	15
	Total	**75**

Note: 60% problems and 40% theory.

Text Books:

Cost and management accounting – T.S. Reddy & Murthy, Margham Publication, Chennai

Referencebooks:

1. Cost Accounting–S.P.Jainand K.L.Narang,KalyaniPublishers,Ludhiyana.
2. Cost Accounting –Reddy and Hari Prasad Reddy,Margam Publishers,Chennai–17.

Course Outcomes(COs):

By the end of the course, students will be able to

1. **Understand the core concepts of cost and management accounting** and explain their role in business decision-making, including differences from financial accounting.
2. **Prepare and analyze cost statements and cost sheets** by correctly identifying and classifying elements of cost such as materials, labour, and overheads.
3. **Apply cost control techniques** including material control, labour cost management, overhead allocation, and budgetary control for efficient resource utilization.
4. **Use inventory and production cost methods effectively, including** EOQ, stock valuation methods (FIFO, LIFO, Simple Average), and wage payment systems to support operational efficiency.
5. **Evaluate business performance using marginal costing techniques**, including CVP analysis, Break-Even Point, P/V ratio, and Margin of Safety for profit planning and managerial decision-making.

Mapping with Programme Outcomes (Pos)and Programme Specific Outcomes (PSOs)

COs / POs	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PO13**	**PO14**	**PO15**
CO1	3	1	2	1	1	-	-	2	-	1	1	-	1	-	1
CO2	3	1	2	3	2	-	-	3	-	1	1	-	1	-	1
CO3	3	1	3	3	3	1	-	3	-	2	1	-	1	-	1
CO4	3	1	3	3	3	1	1	3	-	2	1	-	1	1	1
CO5	3	1	3	3	3	2	-	3	1	2	2	-	1	1	2

COs/ PSOs	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	Total	Avg.
O1	2	1	1	2	-	6	1.2
CO2	2	2	2	2	-	8	1.6
CO3	2	2	3	3	-	10	2.0
CO4	2	3	3	3	1	12	2.4
CO5	3	3	3	3	1	13	2.6

FIRST YEAR- SEMESTER II

NME-2 ECONOMICS FOR INVESTORS

Learning Objectives	
C1	To understand concepts of saving and investments
C2	To probe the various investment avenue and its practice applications
C3	To enables various investment markers and its features
C4	To Know the economic fundamentals and the Business Environment
C5	To understand various investment methods and its strategies

UNIT	Contents	No.of Hours
I	**Introduction** Saving and Investments – Meaning – Types - Importance – Role of Savings and Investment on the development of Individuals - Distributional Role of Investment – Income and Wealth – Equitable Distributional Role	15
II	**Investment Avenues** Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment - Insurance - Mutual Funds - Traded Funds.	14
III	**Investment Markets** Capital Market – Share Market – Primary and Secondary – Bond Markets - Money Market – Metal Market - Commodities Markets – Foreign Exchange Market - Hedging - Futures and Options	16
IV	**Economic fundamentals for Investors** Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure – Physical and Economic. Political and Social Environment - International Economic Environment: International Economic Growth and Development, Trade, Foreign Exchange - Global Recession - Oil Market – War Between Countries	15
V	**Investment Methods and Strategies** Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation - Risk Distribution – Asset Management.	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Describe the types and importance of savings and investments.	**PO1**
2	Explain the available investment avenues	**PO2**
3	Understand the operations of different types of investment markets.	**PO1,PO2**
4	Evaluate the economic fundamentals and information.	**PO1,PO3**
5	Construct objective enabling investment plans, strategy, evaluate and restructure if required.	**PO2,PO3,PO4**
Text books		
1	Ken McElroy, (2004) The ABCs of Real Estate Investing, Hachette Book Group USA	
2	Esme Faerber (2013), All about Stocks, Tata McGraw Hill, New Delhi	
3	Christopher D. Piros, Jerald E. Pinto (2013), "Economics for Investment Decision Makers: Micro, Macro, and International Economics, Workbook", Wiley, 2013	
4.	John Calverley, "The Investor's Guide to Economic Fundamentals", Wiley, 2003	
5	Howard Marks, Mastering the Market Cycle: Getting the Odds on Your Side", John Murray Press, 2018	

Reference Books	
1.	Robert T. Kiyosaki, (2014) Guide to Investing Business Plus ISBN: 9780446589161
2.	Benjamine Graham (1949), The Intelligent Investor, Harper & Brothers
3.	Mary Buffett and David Clark (2002), The New Buffettology (Simon and Schuster)
4.	John C Bogle (2017) The Little Book of Common Sense Investing: The Only Way to Guarantee Your Fair Share of Stock Market Returns, Wiley Publications
5.	William J. O'Neil (2009) How to Make Money in Stocks: A Winning System in Good Times and Bad, Fourth Edition McGraw Hill Education
Web Resources	
1.	https://www.capitalmarket.com/
2.	https://www.icmagroup.org/
3.	https://www.nseindia.com
4.	https://www.stockbrokers.com/guides/beginner-investors
5.	https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	2	2	3	3	3	2	3	3
Weightage	14	14	15	15	14	14	15	15
Weighted percentage of course contributionto POS	**2.8**	**2.8**	**3.0**	**3.0**	**2.8**	**2.8**	**3.0**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	3	2	2
CO3	2	2	3	3	3
CO4	3	3	2	2	2
CO5	2	2	3	3	3
Weightage	13	13	14	13	12
Weighted percentage of CourseContribution to PSOs	**2.6**	**2.6**	**2.8**	**2.6**	**2.4**

S-Strong-3 M-Medium-2 L-Low-1

FIRST YEAR- SEMESTER II

Part-IV- DISASTER MANAGEMENT

Learning Objectives		
UNIT	Learning Objectives	
CO1	To introduce the basic concepts of disaster, hazard, vulnerability, and risk.	
CO2	To understand the types and causes of various natural and anthropogenic disasters.	
CO2	To provide knowledge of disaster management strategies, phases, and mitigation techniques.	
CO4	To understand the types, causes, effects, and mitigation of Man-made and industrial hazards.	
CO5	To familiarize students with institutional frameworks like NDMA, NDRF, and SDMA with awareness and preparedness in handling disasters effectively.	
UNIT	**Contents**	**No.of Hours**
I	**Fundamentals of Disaster Management** Concepts of disaster and hazard: Definition and distinctions. Types of Disasters: Natural - geological, hydrological, climatological; Biological and Man-made. Disaster Management Cycle: Preparedness, response, recovery, and mitigation. Risk and vulnerability analysis: Types of vulnerability, Risk and Resilience.	12
II	**Geological Disasters** Earthquakes: Causes, effects, and mitigation strategies. Tsunamis: Generation, impact zones, and early warning systems. Volcanoes: Types, causes, effects, and risk zones. Landslides: Mechanisms, triggers, and mitigation.	12
III	**Hydrological, Climatological and Biological Disasters** Hydrological Disasters: Avalanches – definition, causes, and facts. Floods – causes, types, impacts, and flood control measures. Climatological Disasters: Global warming, climate change, droughts, cyclones – types, effects, and warning systems. Biological Disasters: epidemics and pandemics – causes, spread, and control measures (e.g., COVID-19, Dengue, Cholera, etc.,).	12
IV	**Man-Made and Industrial Disasters** Man-Made Disasters: Famine; transport - road, rail, and air accidents, conflicts, Terrorism and their impact on society. Industrial Disasters: Chemical, nuclear, and mine explosion, pollution, acid rain and oil spills. Urban Disasters - Stampedes, building collapses and effluence. Fire accidents - Causes, effects, and safety regulations.	12

V	**Disaster Management Framework and Institutions in India** Disaster prone regions of India. National Disaster Management Act and Policy. Roles of the **NDMA** (National Disaster Management Authority), **NDRF** (National Disaster Response Force), and **SDMA** (State Disaster Management Authority). Disaster preparedness plan - awareness, mitigation, and management.	12
	Total	**75**
UNIT	Learning Outcomes	
I	Know about the Nature of Disasters and Hazards.	
II	Know about the Earthquakes, Volcanic Eruptions and Landslides, etc.,	
III	Understand the Causes and effects of Cyclones, Floods, and Droughts.	
IV	Acquired the knowledge of Fire Accidents, Explosions, Road Accidents and Stampede.	
V	Know about the Role Agencies in Disaster Management.	
Text books/ References:		

<u>Disaster Management course-COMPULSORY-1 CREDIT</u>

SECOND YEAR-SEMESTER–III

Core-V MACRO ECONOMICS-I

Learning Objectives		
C1	To understand the national income and its related concepts	
C2	To analyse the classical theory of full employment and its advantages	
C3	To illustrate the Keynesian underemployment theory and its applications	
C4	To evaluate the theories of Consumption and its types	
C5	To impart students to understand inflation and its types	
UNIT	**Contents**	**No.of Hours**
I	**National Income** National Income: Definition – Concepts: GDP, GNP and Per Capita Income - National Income Measurement: Expenditure, Income and Value Added Approaches - Real and Nominal GDP – National Income Accounting - GDP Deflator – Green GDP – Happiness Index - Circular Flow of Income and Expenditure	15
II	**Full Employment: Classical Theory** Introduction - Aggregate Demand and Aggregate Supply – Assumptions of Classical Theory – Say's Law – Wage and Price Flexibility - Employment and Output determination in Classical Model - Three Ranges in Aggregate Supply (AS) Curve	15
III	**Under Employment: Keynesian Theory** Keynes's Critique of Classical Theory – Involuntary Unemployment – Underemployment Equilibrium - Effective Demand – Components - Wage Rigidity – Liquidity Preference - Consumption Function: Meaning and Attributes - Investment – Marginal Efficiency of Capital - Multiplier and Accelerator.	18
IV	**Theories of Consumption** Keynesian Absolute Income Hypothesis – Duesenberry's Relative Income Hypothesis – Friedman's Permanent Income Hypothesis – Modigliani's Life Cycle Hypothesis.	15
V	**Inflation** Inflation: Definition and Types - Demand Pull - Cost Push and Mark-up Inflation – Consumer Price Index – Wholesale Price Index – Producer Price Index – Headline and Core Inflation - Phillips Curve.	12
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course,students will	
1	Underst and the structure of Macroeconomics and the Concept of GDP	PO1,PO2,PO3
2	Outline the concepts in Classical Theory of Employment	PO1,PO2
3	Analyse the Keynesian Underemployment Theory	PO1,PO2
4	Examine the theories of Consumption Function	PO1,PO2, PO3
5	Understand the types and the impact of Inflationon Economies	PO2,PO3,PO8
Text books		
1	Mankiw.NGregory (2000),Macro economics,Worth Publishers,New York	
2	VaishM.C.(2003) MacroEconomic Theory,S.Chand & Company Ltd New Delhi	
3	Paul Krugmanand Robin Wells (2015) Macro economics Worth Publisher	
4	H.L.Ahuja, Macro Economics:Theory and Policy S.Chand,2016	
5	Andrew B.Abel and Ben S.Bernanke,Macro Econmics,Pearson Education,Inc., 7th Edition, 2011.	
Reference Books		
1.	Rudiger Dornbusch, Stanley Fischer, and Richard Startz (2000),Macro economics, Tata McGraw-Hill Publishing Company,New Delhi.	
2.	Parkin,M.,2014.Macro Economics.11th Edition.Essex: Pearson	
3.	Blanchard,Olivierand David R.Johnson (2013) Macroeconomics, Pearson.	
4.	Mueller, M.G.(Ed.) (1978), Readings in Macro economics, Surjeet Publications, New Delhi	
5.	Roger E.A.Farmer (2002),Macro Economics, Thompson Asia Pvt Ltd., Singapore.	
Web Resources		
1.	http://www2.econ.iastate.edu/tesfatsi/sources.htm	
2.	https://www.khanacademy.org/economics-finance-domain/macroeconomics	
3.	https://www.econlib.org	
4.	https://economics.mit.edu/	
5.	https://hbswk.hbs.edu/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	2	3	2	3	3	3	3	3
Weightage	14	15	14	15	14	15	15	15
Weighted percentage of course contribution to POS	2.8	3.0	2.8	3.0	2.8	3.0	3.0	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	3	2	2
CO3	3	3	3	2	2
CO4	3	3	2	2	2
CO5	3	3	3	3	3
Weightage	15	15	14	12	11
Weighted percentage of Course Contribution to PSOs	3	3	2.8	2.6	2.2

S-Strong-3 M-Medium-2 L-Low-1

SECONDYEAR-SEMESTER-III

Core–VI MATHEMATICS FOR ECONOMICS

Learning Objectives		
C1	To integrate the concepts of Economics with Mathematical tools.	
C2	To use Matrices to find solutions in Economics.	
C3	To apply the applications of Matrix algebra and its uses.	
C4	To know the differentiation and its function.	
C5	To understand the second order derivatives and its maximini function.	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Variables, Constants, Equations and its types – Uses and limitations of Mathematics in Economics - Functions of one or more variables – Linear function, Parabola, Rectangular Hyperbola - Exponential, Logarithmic, Power function and Homogenous Function – Applications of Mathematical Functions in Economics: Introducing Demand and Supply Function, Utility Function and Production Function.	12
II	**Matrix Algebra and Determinants** Types of Matrices - Matrix Operations – Addition – Subtraction - Matrix Multiplication – Transpose – Determinants, Inverse and Properties (Problems).	15
III	**Applications of Matrix Algebra** Solving a system of Linear Equations – Cramer's Rule and Matrix Inverse Method - Leontief's Input-Output Model – Open and Closed Model - Components, Uses, and Limitations - Hawkins – Simon Conditions for Viability of Input and Output Model (Problems).	18
IV	**Differentiation** Limits and Continuity – Differentiability of a Function – Slope of a Curve – Increasing and Decreasing Functions – Rules - Exponential and Logarithmic Functions - Implicit Differentiation – Economic Applications: Marginal and Elasticity Concepts – Relationship between AR, MR, and Price Elasticity of Demand – Relationship Between Average and Marginal Cost.	15
V	**Optimization (Single Variable)** Second Order Derivatives – Maximization and Minimization of a Function – Economic Applications – Output and Revenue Maximization - Cost Minimization – Profit Maximization under Perfect Competition, Monopoly, Discriminating Monopoly (Problems).	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand Basic Concepts of Mathematics and its application in Economics.	PO1,PO3
2	Analyze the relevance of the Types of Matrices	PO1,PO2
3	Calculate optimal values in the system of Equations and the importance of Input-Output Analysis	PO2,PO3
4	Gain knowledge of the rules of Differentiation and its Economic Applications	PO1,PO2,PO3
5	To optimize single variable functions in Economics	PO1,PO3
Text books		
1	Mehta and Madnani (2019) Mathematics for Economists Sultan Chand and Sons	
2	Edward T. Dowling, (2002) "Mathematical Methods for Business and Economics", Schaum's Outline Series, 3rd Edition, McGraw Hill	
3	Renshaw Geoff, (2005) Maths for Economics, 3rd Edition Oxford University Press, Oxford	
4	Carl P Simon & Lawrence E. Blume, "Mathematics for Economists", Published by W.W. Norton & Company, 2010	
5	Ian Jacques, "Mathematics for Economics and Business", Pearson, 2018	
Reference Books		
1.	Chiang, A.C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 1984	
2.	G. Hadley, Linear Algebra Addison – Wesley Publishing Company, 1977.	
3.	K. Sydsaeter and P Hammond, Mathematics for Economic Analysis, Pearson Educational Asia, Delhi 2002.	
4.	Mabett. Alan J Workout for Mathematics for Economist McMillan 1986.	
5.	R.G.D. Allen, Mathematical Analysis for Economists Macmillan and Co. Ltd., 2008	
Web Resources		
1.	https://www.coursera.org/learn/mathematics-for-economists	
2.	https://mitpress.mit.edu/9780262294805/mathematics-for-economics/	
3.	https://hummedia.manchester.ac.uk/school/soss/economics/pg/psmaths/pre-sessionmathbook.pdf	
4.	https://mitpress.mit.edu/9780262046626/mathematics-for-economics/	
5.		

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	3	2	3	3	3	3	3	3
Weightage	15	14	15	15	14	15	15	15
Weighted percentage of course contributionto POS	3.0	2.8	3.0	3.0	2.8	3.0	3.0	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	2	2
CO2	3	3	2	2	2
CO3	3	3	2	2	2
CO4	3	3	3	2	3
CO5	2	2	3	3	3
Weightage	14	14	12	11	12
Weighted percentage of Course Contribution to PSOs	2.8	2.8	2.6	2.2	2.6

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR-SEMESTER–III

GenericElective-I:HISTORY OF ECONOMIC THOUGHT

Learning Objectives		
C1	To explain the nature and scope of economic thought and its principles	
C2	To understand the classical economist's ideology and theory of Marx	
C3	To know the Keynesian revolution and its analysis	
C4	To build the Marginalize Revolution and its operations	
C5	To describe the thoughts of various Nobel laureates in economics	
UNIT	**Contents**	**No.of Hours**
I	**Pre-Classical Thought** Nature and Scope of Economic Thought - Mercantilism: Growth of Mercantilism - Main Principles – Important Mercantilists - Physiocracy - Main concepts - Important Physiocrats	18
II	**Classical Economists and Karl Marx** Adam Smith - Division of Labour - Theory of Value - Laissez Faire - Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade - Malthus - Theory of Population – Theory of Gluts – Karl Marx - Theory of Surplus Value - Breakdown of the Capitalist System	15
III	**Neo-Classical and Institutionalist Thought** The Marginalist Revolution - Marshall: Value and Role of Time – Marginal Utility and Consumer's Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi-Rent - Institutional Economics – Veblen – Mitchell – J.R. Commons.	15
IV	**Keynesian Revolution and Modern Thought** Keynes – Psychological law of Consumption - Effective Demand - Theory of Employment — Schumpeter's Theory of Innovation - Hicks theory of Trade Cycle - New Keynesian Economics - New classical Economics – Rational Expectation Hypothesis.	12
V	**Nobel Laureates in Economics and Indian Economic Thought** Nobel Laureates in Economics – Paul A Samuelson – Kuznets – Hicks – Myrdal – Milton Friedman – Recent Nobel Laureates (Last Three Years) - Indian Economic Thought – Dadabhai Naoroji - Mahatma Gandhi - B.R. Ambedkar – Amartya Sen – Sen's Capability Approach – Poverty and Inequality.	15
	Total	75

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Acquire knowledge on the subject matter of History of Economic Thought.	PO1
2	Understand the contributions of the Classical Ideas of Economics.	PO1,PO2
3	Describe Neo Classical and Institutional Economic Ideas.	PO1,PO2
4	Examine the Keynesian School and Modern Economic Ideas.	PO1,PO2
5	Understand the contribution of Nobel Laureates and Indian Economic Ideas.	PO1,PO2,PO8

Text books	
1	Lokanathan, V, History of Economic Thought, S Chand & Co Ltd.
2	Bhatia, H.L. (2018), History of Economic Thought, S Chand & Co Ltd.
3	Srivastava S.K (2002) History of Economic Thought, S.Chand Publication.
4	M.L Jhingan, M. Girija, L. Sasikala "History of Economic Thought" 3rd Edition, Vrinda Publication 2014
5	R.R. Paul "History of Economic Thought", Kalyani Publisher, 2018.

Reference Books	
1.	Amartya Sen (1982), Welfare and Measurement, Oxford University Press, New Delhi.
2.	Gandhi, M.K. (1938), Economics of Village Industries, Navajivan Publishers, New Delhi.
3.	T.N. Hajela, (2015), History of Economic Thought Ane Students Edition 18th Edition.
4.	Gide and Rist, (2014), A History of Economic Doctrines, Nabu Press.
5.	V. Lokanathan (2009) "A History of Economic Thought: S. Chand & Co Limited.

Web Resources	
1.	https://www.hetwebsite.net/het/
2.	https://thoughteconomics.com/
3.	https://www.nobelprize/economic-sciences/
4.	https://www.aeaweb.org/resources/students
5.	https://sites.google.com/site/maeconomicsku/home

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	2	2	2	2	3	2	3	3
Weightage	14	14	14	14	14	14	15	15
Weighted percentage of course contributiont o POS	2.8	2.8	2.8	2.8	2.8	2.8	3.00	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	3	2	2	2
CO5	3	3	3	3	3
Weightage	15	15	14	12	12
Weighted percentage of Course Contribution to PSOs	3	3	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR-SEMESTER–III

SEC –I ECONOMICS OF TOURISM

Learning Objectives		
C1	To familiarise students with the basic concepts of Tourism.	
C2	To probe the tourism demand forecasting and its methods	
C3	To analyse the impact of tourism and its related aspects	
C4	To understand the contribution of the Tourism Industry	
C5	To examine the various international organisations in Tourism.	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Introduction – Economics, and Tourism - Theoretical background – History of Tamil Society – Related archaeological discoveries in Tamil Nadu - Tourism Demand - Types of Tourism Demand - Determinants of Tourism Demand	15
II	**Tourism Demand** Tourism Demand Forecasting - Methods of Forecasting – Public and Private Sectors in Tourism - the Need for Public and Private Sector Co-operation in Tourism – Growth of Tourism Demand in India.	15
III	**Tourism Impacts** Impact of Tourism - Economic Aspects - the Multiplier Effect - Displacement Effect and Tourism - Tourist Spending - Costs and Benefits of Tourism to Community - Environmental Aspects – Contingency Valuation Method	15
IV	**Tourism in India** Major tourism circuits of India: Inter-State and Intra-State – Heritage Tourism – Wild life Tourism and Eco Tourism – Tourism in Tamil Nadu.	15
V	**Tourism Organizations** Role and Functions of World Tourism Organization (WTO), Pacific Asia Travel Association (PATA), World Tourism & Travel Council (WTTC) - Ministry of Tourism, Govt. of India, ITDC, Department of Tourism, Government of Tamil Nadu TTDC – IHA-IATA - TAAI - IATO.	15
	Total	**75 hours**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Describe the importance of Tourism	PO1,PO2
2	Understand various methods to calculate demand for tourism	PO1,PO3,PO4
3	Analyse the impact of Tourism	PO1,PO2
4	Know the various Tourist circuits in India	PO6, PO8
5	Learn the role of Organisations in tourism development	PO1,PO2,PO8

Text books	
1	Stephen Ball (2007), Encyclopaedia of Tourism Resources in India, B/H.
2	Manoj Dixit (2002), Tourism Products, New Royal Book Co. Lucknow
3	Vanhove and Norber, “The Economics of Tourism Destinations”, T&F India, 2010
4	Mike J. Stabler, Andreas Papatheodorou, M. Thea Sinclair, “Economics of Tourism”, Talyor & Francis, 2009
5	Yong Chen, “Economics of Tourism and Hospitality: A Micro Approach”, Talyor & Francis, 2021

Reference Books	
1.	Bhatia A.K (2020) Tourism Development: Principles and Practices Sterling Publishers Private Limited
2.	Mishra P.K (2018) Tourism in India: Potential, Problems and Prospects (2018) New Century Publications
3.	Prasanna Kumar (2017) Marketing for Hospitality and Tourism McGraw Hill Education
4.	Sneha Pathak and Ritesh Mishra (2019) Medical Tourism in India 93-88797-49-8
5.	Geetanjali (2010) Tourism Management ABD Publishers

Web Resources	
1.	https://www.unwto.org/
2.	https://itdc.co.in/
3.	https://tourism.gov.in/
4.	https://www.traveldailymedia.com/importance-of-travel-website-for-the-travel-company/
5.	https://www.oecd.org/cfe/tourism/

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	3	3
CO5	2	2	2	2	3	2	3	3
Weightage	14	14	14	14	14	14	15	15
Weighted percentage of course contributiont o POS	2.8	2.8	2.8	2.8	2.8	2.8	3.00	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	3	2	2	2
CO5	3	3	3	3	3
Weight age	15	15	14	12	12
Weighted percentage of Course Contribution to PSOs	3	3	2.8	2.6	2.6

Strong-3 M-Medium-2 L-Low-1

SECOND YEAR-SEMESTER–III

Part-IV: HEALTH & WELLNESS

Learning Objectives	
C1	Introduction to Holistic Well–being
C2	Holistic Wellness Program – Nurturing Body and Mind
C3	Breaking Bad Habits Workshop
C4	Improving the Elements of Physical, Emotional, Social, Intellectual, Environmental and Mental Well-Being
C5	Creating situational awareness, digital awareness
C6	Understanding substance abuse, consequence and the way out

UNIT	Contents	No.of Hours
I	**Introduction to Holistic Well– being** • Introduce the core components of health and well-being namely physical, mental and emotional well-being. • Provide worksheet on all the four components individually and explain the interconnectedness to give an overall understanding.	
II	**Wellness Wheel Exercise (Overall Analysis)** • Guide students to access their well-being in various life dimensions throughexercise onvarious aspect so fwell–being, and explain the benefits of applying wellness wheel. • Introduce Tech Tools. • Explore the use of technology to support well-being. • Introduce students to apps for meditation, sleep tracking, or healthy recipe inspiration.	
III	**Breaking Bad Habits (Overall Analysis)** • Open a discussion on bad habits and their harmful effects. • Provide a work sheet to the students to identify their personal bad habits. • Discuss the trigger,cause, consequence and solution with examples. • Guide the mtore place the bad habits with goodones through work sheets.	
IV	**Physical Well-being** **1. Fitness** Introduce the difference types of fitness activities such as basic exercises, card iovascular exercises, strength training exercises, flexibility exercises, so on and so forth. (Include theoretical explanations and outdoor activity) **2. Nutrition** • Facilitate students to reflect on their eating habits, their body type, and to test their knowledge on nutrition, its sources and the benefits.	

	3.Yoga & Meditation • Discuss the benefits of yoga and Meditation for one's overall health. • Demonstrate different yoga postures and their benefits on the body through visuals (pictures or videos). **4.Brain Health** • Discuss the importance of brain health for daily life. • Habits that affect brain health (irregular sleep, eating, screen time). • Habits that help for healthy brain (reading, proper sleep, exercises). • Benefits of breathing exercises and meditation for healthy lungs. **5.Healthy lungs** • Discuss the importance of lung health for daily life. • Habits that affect lung health (smoking, lack of exercises). • Benefits of breathing exercises for healthy lungs. **6.Hygiene and Grooming** • Discuss theimportance of hygienichabitsforgood oral, vision, hearing and skin health. • Discuss the positive effects of grooming on one's confidence level and professional growth. **<u>Suggested Activities (Sample):</u>** **Nutrition:** Invite a nutritionist to talk among the students on the importance of nutrition to the body or show similar videos shared by experts on social media. Organise a 'stove less / fireless cooking competition' for students where they are expected to prepare a nutritious dish and explain the nutritive value in parallel.	

V	**Emotional Well-being** **1. Stress Management** • Trigger a conversation or provide self-reflective worksheets to identify the stress factors in daily life and their impact on students performance. • Introduce difference relaxation techniques like deep breathing, progressive muscle relaxation, or guided imagery. (use audio recording or visuals to guide them through these techniques) • After practicing the techniques, have them reflect on how these methods can help manage stress in daily life. **2. Importance of Saying 'NO'** • Explain the studentsthatsaying 'NO' is important for their Physical and mental well-being, Academic performance, growth and future, confidence, self-respect, strong and healthy relationships, building reputation for self and their family (avoid earning a bad name). • Factors that prevent them from saying 'NO' • How to practice saying 'NO' • **3. Body positivity and self-acceptance** Discuss the following with the students. • What is body positivity and self-acceptance? • What is it important? • Be kind to yourself. • Understand that everyone's unique. **<u>Suggested Activitie s(sample):</u>** (importance of saying'NO') Provide work sheets to self-reflecton… …how they feel when others say'no' to them ….the situations where they should say'no' Challenges students towriteasongorrapaboutthe importance of saying no and how to do it effectively. Students can perform their creations for the class.	

VI	**Social Well-Being** **1. practicing Gratitude** • Discuss the importance of practicing gratitude for building relationships with family, friends, relatives, mentors and colleagues. • Discuss how one can show gratitude through word and deeds. Explain how practicing gratitude can create 'ripple effect' **2. Cultivating kindness and compassion** • Define and differentiate between kindness and compassion. • Explore practices that cultivate these positive emotions. • Self-compassion as the foundation. • The power of small gestures. • Understanding another's perspective. • The fruits of compassion. **3. Practicing for giveness** • Discuss the concept of forgiveness and its benefits. • Forgiveness: what is it? And what it isn't? • Benefits of forgiveness. • Finding forgiveness practices. **4. Celebrating Differences** • Appreciate the value of individual differentiate and foster inclusivity. • The world: A Tapestry of Differences (cultures, backgrounds, beliefs, abilities, and appearances). • Finding strength in differences (diverse perspective and experience lead to better problem-solving and innovation). • Celebrating differences, not ignoring them (respecting and appreciating the unique qualities). • Activities for celebrating differences (share culture, learn about others, embrace new experiences). **5. Digital Detox** Introduce the students to: • The concept of a digital detox and its benefits for social well-being. • How to disconnect from devices more often to strengthen real-world connections. **Suggested Activities (sample):** (practicing Gratitude) • Provide worksheets to choose the right ways to express gratitude. • Celebrate 'gratitude day' in the college and encourage the students to honour the housekeeping staff in some way to express gratitude for their service.	

VII	**Intellectual Well-Being** **1. Being a lifelong learner** **Give students an under standing on:** • The relevance of intellectual well-being in this 21st century to meet the expectations in personal and professional well-being. • The importance of enhancing problem-solving skills. • cultivating habits to enhance the intellectual well-being (using the library extensively, participating in extra-curricular activities, reading newspaper etc.,) **2. Digital Literacy** **Discuss:** • The key aspect of digital literacy and its importance in today's world. • It is more than just liking and sharing on social media. • The four major components of digital literacy (critical thinking, communication, problem-solving, digital citizenship). • Why is digital literacy important? • Boosting one's digital skills. **3. Transferof Learning** Connections between different subjects – How knowledge gained in one area can be applied to others. **<u>Suggested Activities (sample):</u>** IntellectualWell-being. Provide work sheet to students for teaching them how to boost intellectual well-being. Ask the students identify a long – standing problem in their locality, and come up with a solution and present it in the class room. Also, organize an event like 'idea Expo' to display the designs, ideas, and suggestions to motivate the students to improve the intellectual well-being.	
VIII	**Environmental Well-being** 1. The importance of initiating change in the environment. **The session could be around:** • Defining environmental well-being (physical, chemical, biological, social and psychological factors) – People's behavior, crime, pollution, political activities, infra-structure, family situation etc. Suggesting difference ways of initiating changes in the environment(taking responsibility, creating awareness, volunteering and approaching administration).	

	<u>Suggested Activities(sample):</u> • Providing worksheets to self-reflect on how the environment affects their life and the ways to initiate a change. • Dedicate a bulletin board or wall space (or chart work) in the classroom for students to share their ideas for improving environmental well-being. • Creating a volunteers' club in the college and carrying out monthly activities like campus cleaning, awareness campaigns against noise pollution (loud speakers in public places), and addressing anti-social behavior on the campus or in their locality.	
IX	**Mental Well-Being** **1. Importance of self-reflection** **Discuss:** • Steps involved in achieving mental well-being (self–reflection, self-awareness, applying actions, achieving mental well-being). • Different ways to achieve mental well-being (finding purpose, coping with stress, moral compass, connecting for a common cause). • The role of journaling in mental well-being. **2. Mindfulness and meditation practices** Benefits of practicing mindful habits and meditation for overall well-being. **1.connecting with nature** • Practicing to be in the present moment – nature walk, feeling the sun, listening to the natural sounds • Exploring with intention - Hiking, gardening to observe the nature. • Reflecting on the emotions, and feeling kindled by nature. **2.Serving people** • Identifying the needs of others. • Helping others. • Volunteering your time, skills and listening ear. • Finding joy in giving. **3.Creative Expressions** • Indulging in writing poems, stories, music making / listening, creating visual arts to connect with inner selves. **<u>Suggested Activities (sample):</u>** (Mindfulness and meditation)–conducting guided meditation everyday for 10 minutes and directing the students to record the changes they observe.	
X	**Situational Awareness (Developing Life Skills)** **1.** Being stree tsmart Discuss: • Who are street smarts? • Why is it important to be street smart?	

	• characteristics of a street smart person: importance of acquiring life skills to become street smart- (General First-aid procedure, CPR Procedure, Handling emergency situations like fire, flood etc. **2.** Digital Awareness Discuss: • Cyber security • Information literacy • Digital privacy • Fraud detection **Suggested Activities (sample):** (street smart) inviting professional to demonstrate the CPR procedure Conducting a quiz on Emergency Numbers.	
XI	**Understanding Addiction** **plan this session around:** • Identifying the environmental cues, triggers that lead to picking up this habit. • Knowing the impact of substance abuse – adverse health conditions, socialisolation, and ruined future, hidden Financial loss and damaging the family reputation. • Seeking help to get out of this addiction. **Suggested Activities:**	
	Total	**75**

Health and Wellness-COMPULSORY COURSE-1 CREDIT–(Viva-Voce)

SECOND YEAR- SEMESTER–IV

Core–VI: MACRO ECONOMICS–II

Learning Objectives	
C1	To analyse the IS-LM model and its shifts
C2	To probe the macroeconomic variables and business cycle
C3	To trace the macroeconomic theories and analyze them macroeconomic policies.
C4	To understand the monetary policy and its instruments.
C5	To know the fiscal policy and its instruments.

UNIT	Contents	No.of Hours
I	**IS-LM Model** Investment and Interest Rate – Money Demand, Money Supply and the interest rate – Derivation of IS and LM Curve – Shifts in IS Curve and Shifts in LM Curve.	15
II	**Business Cycles** Phases of Business Cycles – Macroeconomic Variables and Business Cycles – Classical Theory and Business Cycles – Hawtrey, Von Hayek, Schumpeter Hicks, Kaldor and Samuelson Models – Keynesian theory of Business Cycles	15
III	**Monetary Policy** Money - Functions of Money - Money Supply and Money Demand – Classical Dichotomy – Keynesian theory of Money Demand – Instruments of Monetary Policy - IS-LM Model and Monetary Policy	15
IV	**Fiscal Policy** Fiscal Policy - Instruments - Classical and Keynesian Theory of Fiscal Policy – Fiscal Expansion – IS-LM Model and Fiscal Policy – Critique of Fiscal Policy – Three Ranges in LM Curve.	15
V	**Supply Side Economics** Rational Expectation Hypothesis – New Classical School – Contribution of Robert Lucas – New Keynesian School.	15
	Total	**75hours**

Course Outcomes		Programme Outcome
CO	On completion of this course, students will	
1	Understand the IS-LM Model.	PO1,PO2
2	Learn the operation of theories of Business Cycles.	PO2,PO3
3	Analyze the components of Money Supply and Demand.	PO3,PO4
4	Evaluate the effectiveness of Fiscal Policy.	PO3,PO4
5	Understand Supply Side Economics.	PO1,PO2

Text books	
1	Mankiw Gregory (2017) Principles of Macroeconomics with course mate, Books Express Publications.
2	Rudiger Dornbusch, Fischer Stanely, and Richard Startz (2000), Macro Economics, Tata McGraw-Hill Publishing Company, New Delhi.
3	Andrew B. Abel and Ben S. Bernanke, Macro Economics, Pearson Education, Inc., 7th Edition, 2011.
4	Vaish M. C. (2003) Macro Economic Theory, S. Chand & Company Ltd, New Delhi.
5	Paul Krugman and Robin Wells (2015) Macroeconomics, Worth Publisher.

Reference Books	
1.	Ahuja H.L,(2016)Macroeconomics:TheoryandPolicy.S.Chand
2.	Mueller, M. G. (Ed.) (1978), Readings in Macro Economics, Surjeet Publications, New Delhi
3.	Roger E. A. Farmer (2002), Macro Economics, Thompson Asia Pvt. Ltd., Singapore
4.	Parkin, M., 2014. Macroeconomics 11th Edition Essex: Pearson Blanchard, Olivier and David R. Johnson (2013) Macroeconomics, Pearson.
5.	Soumen Sikdar, “Principles of Macroeconomics”, OUP India, 2020

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

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	15	14	15	15	14	14	15
Weighted percentage of course contributionto POS	3.0	3.0	2.8	3.0	2.8	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	2
CO4	3	2	3	2	3
CO5	3	3	2	3	3
Weight age	15	14	13	12	12
Weighted percentage of Course Contribution to PSOs	3	2.8	2.6	2.4	2.4

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR- SEMESTER–IV

Core-VII:INDIAN ECONOMY–PROBLEMS AND POLICIES

Learning Objectives		
C1	To understand the features and issues of Indian economy and new economic policy	
C2	To analyse the national income, poverty and human development and its Method	
C3	To equip conceptual foundations and macroeconomic concepts of Indian Economy	
C4	To describe the Trends in Production and Productivity in Agriculture	
C5	To know the importance of Foreign Trade for a Developing Economy	
UNIT	**Contents**	**No.of Hours**
I	**Introduction to Indian Economy** Nature of Indian Economy – Five Year Plan Models – An Assessment - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic Crisis and Rationale behind Economic Reforms – New Economic Policy (LPG) 1991 – Planning Commission and NITI Aayog	15
II	**National Income** National Income – Sectoral Contributions and Economic Transition in India – Methods of measuring National Income – difficulties in measuring National Income - Basic Indicators – GNP, GDP, NNP, NDP – Personal Income, Disposable Income, Per capita Income - Wholesale Price Index – Consumer Price Index – Green GDP - Human Development Index (HDI) - Multi-Dimensional Poverty Index (MPI) - National Income as a measure of Welfare and Development.	13
III	**Development Issues and measures** Structure of Indian Economy – Social Problems: Population, Education, Health, and, and Environmental Degradation. Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures - Employment Generation and Unemployment: Nature and Extent, Measures – International Comparisons.	16
IV	**Fiscal Federalism** Principles of Federal Finance – Fiscal Federalism in India – Functions and Sources of Revenue – Vertical and Horizontal Imbalances – Finance Commission – Resource sharing between Union and State Governments – Reports and its Recommendations.	16

V	**Foreign Trade** Importance of Foreign Trade for a Developing Economy-Structure, Composition and Direction of India's Foreign Trade - Role of FDI and Foreign Institutional Investors- BOP Crisis – India's Trade Policy.	15
	Total	75

Course Outcomes		**Programme Outcome**
CO	On completion of this course, students will	
1	Outline the nature of the Indian Economy and highlight the changes	PO1,PO2
2	Discuss the major issues of Poverty, Inequality, Unemployment, and Human Development in India in comparison to other countries	PO6, PO8
3	Provide a qualitative and quantitative overview of different sectors of the Indian Economy	PO1,PO2,PO3
4	Describe the components of Foreign Trade and analyze India"s Balance of Payments	PO1,PO2,PO3
5	Identify various components of fiscal federalism in India	PO1,PO2

Text books	
1	Gaurav Datt and Ashwani Mahajan "Datt and Sundaram"s Indian Economy" S. Chand 72nd Edition.
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
3	Ramesh Singh, "Indian Economy", McGraw Hill, 2022
4	Sanjiv Verma, "The Indian Economy", Unique Publication, 2022
5	Dr. V. C. Sinha, "Indian Economy Performance and Policies", SBPD Publications, 2021

Reference Books	
1.	Puri. V. K. & S. K. Misra (2022) Indian Economy
2.	Uma Kapila (Ed.) (2018) Indian Economy Since Independence
3.	Byres, T. J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi
4.	Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press
5.	K. R. Gupta, J. R. Gupta, "Indian Economy", Altanic, 2008

Web Resources	
1.	http://www.niti.gov.in/
2.	https://www.rbi.org.in/
3.	https://hdr.undp.org/
4.	https://www.india.gov.in/
5.	https://www.cmie.com/

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	14	14	15	15	14	14	15
Weighted percentage of course contributionto POS	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	3	1
CO2	3	3	2	3	2
CO3	2	3	2	3	3
CO4	2	3	3	3	3
CO5	1	3	3	3	2
Weight age	10	15	12	15	11
Weighted percentage of Course Contribution to PSOs	2	3	2.4	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR - SEMESTER-IV

Allied–IV: ECONOMETRICS

Learning Objectives		
C1	To analyse the Economic Relationship mathematically.	
C2	To estimate testing hypotheses, forecasting which helps in Policy Decision Making	
C3	To understand the application of economic theories in real time situations	
C4	To evaluate the Violation of Assumptions in econometric applications	
C5	To understand and analyze various Econometric Models and its application.	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Definition – Scope – Divisions – Objectives – Use of Econometrics – Econometrics and Mathematical Economics – Econometrics and Statistics – Methodology of Econometrics - Basic ideas of Linear Regression Model–Two variable Model, Population regression Function (PRF), Sample Regression Function(SRF) –ErrortermU–significance- Stochastic form of PRF and SRF.	12
II	**Estimation** Classical Linear Regression Model – Assumptions – Method of Ordinary Least Squares (OLS) – Derivation of OLS Estimators- Derivation of variance and Standard error of OLS estimators (Simple Linear Regression) – Properties of OLS estimators - Gauss–Markov Theorem – Proof – Three Variable Model estimation (Basic Idea only) – Hypothesis Testing (t and F test) – Test of Goodness of Fit R^2 and Adjusted R^2.	18
III	**ViolationofAssumptions** Multi-collinearity: Nature, Consequences, detection and Remedial Measures - Heteroscedasticity: Nature - Consequences Detection and Remedial Measures - Autocorrelation: Nature, Consequences, Detection and Remedial Measures.	15
IV	**FunctionalFormsandDummy Variables:** Regression through the origin - Double Log Model – Measurement of Elasticity–Semilog model–Measurementof Growth. Dummy Variables–A NOVA and A NCOVA Models–Dummy Variable Trap–Uses–Interaction Effects–Structural Changes – Seasonal Variations – Piecewise Linear Regression. Auto regressive and Distributed Lag Model – Ad Hoc Method of Estimation–Koyek Transformation– Mean and Median Lag.	15

V	**Simultaneous Equation Model** Simultaneous Equation Model: Definition and Examples – Simultaneous Equation Bias – Structural and Reduced Form Equations – Identification – Rank and Order Condition – Indirect Least Square Estimation – Two Stage Least Square Estimation.	15
	Total	**75**

Course Outcomes		**Programme Outcomes**
CO	On completion of this course, students will	
1	Understanding the importance of Econometrics.	PO1,PO3
2	Learning the estimation techniques of measuring relationship among economic variables.	PO1,PO3
3	Developing skills of interpretation.	PO3,PO8
4	Construct models in the testing of theories.	PO2,PO3,PO7
5	Application of real data for policy suggestions.	PO2,PO3,PO8
Text books		
1	Gujarati, D. M. (2022). Gujarati: Basic Econometrics. McGraw-hill.	
2	Ramanathan, R. (1992). Introductory econometrics with applications. Dryden Press.	
3	Maddalla G. S. (2001). Introduction to Econometrics, Third Edition, Wiley India.	
4	Koutsoyiannis. "A, Theory of Econometrics", Palgrave, Delhi.	
5	M. Wooldridge, "Introductory Econometrics: A Modern Approach", Jeffery 5th Edition 2013.	
Reference Books		
1.	Dominick Salvatore and Derrick Reagle, Statistics and Econometrics, Tata McGraw Hill (Schaum‟s Series).	
2.	Damodar, N. (2009). Basic Econometrics Fifth Edition. McGraw-Hill.	
3.	Moody, C. (2009). Basic econometrics with STATA. Economics Department. College of William and Mary.	
4.	Johnson Jr, A. C., Johnson, M. B., & Buse, R. C. (1987). Econometrics: Basic and applied. New York.	
5.	Hill, R. C., Griffiths, W. E., & Lim, G. C. (2018). Principles of econometrics. John Wiley & Sons.	
Web Resources		
1.	https://nptel.ac.in/courses/111104072	
2.	http://home.iitk.ac.in/~shalab/onlinecoursematerial	
3.	https://nou.edu.ng/coursewarecontent/ECO%20355_0.pdf	
4.	https://www.economtericssociety.org	
5.	https://economicsnetwork.ac.uk	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8
CO 1	2	2	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	2	2	3	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	14	14	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	2	3	3
CO4	3	3	2	3	2
CO5	3	2	3	2	2
Weight age	15	14	11	14	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.2	2.8	2.6

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR- SEMESTER–IV

Generic Elective-II: HEALTH ECONOMICS

Learning Objectives		
C1	To understand the importance of health sector in economic development	
C2	To evaluate the components of demand and supply of healthcare	
C3	To understand the importance of Health Indicators.	
C4	To evaluate the components of Demand of Healthcare.	
C5	To examine the review the existing Health Infrastructure.	
UNIT	**Contents**	**No.of Hours**
I	**Introduction to Health Economics** Health and Economic Development - Determinants of Health - Health Indicators – Birth Rate – Fertility – Morbidity – Mortality – IMR – CMR – MMR – Disability Adjusted Life Year (DALY) – Sex Ratio - Quality Adjusted Life Year (QALY) - Amartya Sen's Capability Approach	15
II	**Demand for Health Care** Demand for Health Care Services – Preference for Health Care using Indifference Curves – Budget Constraints – Income and Price Effects for Health Care – Elasticity of Demand for Medical Care	15
III	**Supply of Health Care** Supply of Health Care Services – Physicians and Medical Personnel as Health Care Providers – Non Labour Inputs – Hospitals – Interaction of Demand and Supply of Health Care	15
IV	**Health Infrastructure** Health Infrastructure – Rural – Urban – Government Programmes - Preventive, Promotive and Curative Health Care Services - Health Allocation in Budget	15
V	**Health Services and Medical Insurance** Health Insurance - Types of Insurance Policies in India - Medical Ethics - Medical Tourism	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand the importance of Health Indicators.	PO1,PO2
2	Evaluate the components of Demand of Healthcare.	PO3,PO6,PO8
3	Analyze the importance of Supply of Healthcare Services.	PO2,PO6,
4	Review the Existing Health Infrastructure and Budget Allocation.	PO1,PO2,PO8
5	Trace the growth of Medical Tourism in India and understand the need for Health Insurance.	PO1,PO2, PO3,PO4

Text books	
1	Xamer Martinez Giralt (2010), "Principles of Health Economics", Routledge, 2010
2	Banerjee, D. (1975), Social and Cultural Foundation of Health Service Systems of India, Inquiry, Supplement to Vol. XII, June 1975
3	Jay Bhattacharya, Timothy Hyde and Peter Tu, "Health Economics", Palgrave Macmillan, 2014
4	Peter Zweifel, Friedrich Breyer, Mathias Kifmann, "Health Economics", Springer Berlin Heidelberg, 2009
5	Barbara McPake, Charles Normand, Charles E. M. Normand, "Health Economics: An International Perspective", Routledge, 2008

Reference Books	
1.	Himanshu Sekhar Rout and Prasant Kumar Panda (2010) Health Economics in India
2.	Edwin G Dolan and John C Goodman
3.	D. Amutha (2016) "A Textbook of Health Economics", Edition 1, Mangalam Publishers and Distributers, Chennai.
4.	Charles E. Phelps, Health Economics, Routledge, 2017
5.	Jan Abel Olsen, "Principles in Health Economics and Policy", OUP Oxford, 2017
Web Resources	
1.	www.census.org
2.	www.NFHS.org
3.	www.NSSO.org
4.	https://tnhealth.tn.gov.in/
5.	https://tnhealth.tn.gov.in/

Mapping with Programme Outcomes:

	PO 1	**PO 2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO 7**	**PO8**
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weightage	15	14	14	15	15	14	14	15
Weighted percentage of coursecontribution to POS	3.0	2.8	2.8	3.0	3.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	3	3	1	3	1
CO2	2	2	2	2	2
CO3	2	3	2	3	2
CO4	3	3	3	3	2
CO5	3	3	2	3	3
Weight age	13	14	10	14	10
Weighted percentage of Course Contribution to PSOs	2.6	2.8	2	2.8	2

S-Strong-3 M-Medium-2 L-Low-1

SECOND YEAR-SEMESTER–IV

SEC-2 COMPUTER APPLICATIONS IN ECONOMICS

Learning Objectives		
C1	To know the basic concepts of Computer Applications	
C2	To apply the MS office and its basic operations	
C3	To describe the data processing techniques using various MS office Operations	
C4	To gain knowledge on application of MS Excel	
C5	To know mathematical and statistical functions for Economic Analysis	
UNIT	**Contents**	**No.of Hours**
I	**Introduction to Computers** Computer and Peripherals: Meaning, Types, Features and Limitations – Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software – Types – Malicious Software – Operating Systems: Functions and Types.	15
II	**MS Office** Windows Explorer - MS Word: Basic Operations in Word – Editing – Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation - Creating, Opening and Saving Slide show and Animations - MS Excel: Work Sheet and Work Book - Opening and Formatting.	15
III	**Data Processing** Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations – Opening, Appending and Cascading – Closing and Attribute Controls – Data Storage and Retrieval.	12
IV	**Introduction to MS Excel and SPSS** Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations - Excel Tool Bars - Formatting of Text, Tables and Graphs - Using SPSS	15
V	**Application of MS Excel in Statistics and Economics** Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance - Index Numbers and Growth Rates - Demand Function - Supply Function, Production Function and Consumption Function - Demand for and Supply of Money - Correlation – Regression. Uses of AI in Economics.	18
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand basic components of Computer and its functions.	PO1,PO3,PO8
2	Gain Knowledge of MS Office.	PO3,PO8
3	Outline data processing techniques of MS Excel.	PO2,PO3,PO8
4	Understand basic Operation in MS Excel.	PO1,PO2,PO8
5	Apply MS Excel in Statistics and Economics.	PO2,PO3,PO8

Text books	
1	Hem Chand Jain and H.N. Tiwari (2019) Computer Applications In Business, 5th Edition Taxmann Publication.
2	Dhanasekaran. K (2010) Computer Applications In Economics Vrinda Publications.
3	Asthana and Braj Bhushan (2007): Statistics for Social Sciences (with SPSS Applications).
4.	Dan Kookin, Word for Dummies, Wiley, 2021
5.	Joseph Muller, Statistical Analysis with Excel For Dummies, Wiley, 2008
Reference Books	
1.	Oscar Afonso, Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1st Edition
2.	Alexis Leon and Mathews Leon; (2001), Introduction to Computers with Ms-Office 2000. McGraw Hill Education
3.	Greg Harvey, PhD, (2007) Microsoft Office Excel 2007 For Dummies, Wiley Publishing.
4.	Kerns (1992) Essentials of Microsoft Windows, Word and Excel, Prentice Hall
5.	Kavindra Kumar Singh (2014) Computer Applications in Management DreamTech
Web Resources	
1.	https://www.excel-easy.com/basics.html
2.	https://excelchamps.com/excel-basics/
3.	https://edu.gcfglobal.or/en/topics/excel/
4.	https://trumpexcel.com/learn-excel/
5.	https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	3	3
CO 5	3	2	2	3	3	3	3	3
Weight age	15	14	14	15	14	15	15	15
Weighted percentage of course contribution to POS	3.0	2.8	2.8	3.0	2.8	3.0	3.0	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	3	3
CO2	2	2	2	3	3
CO3	2	2	2	3	3
CO4	2	2	2	3	3
CO5	3	3	3	3	3
Weight age	11	11	11	15	15
Weighted percentage of Course Contribution to PSOs	2.2	2.2	2.2	3	3

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR - SEMESTER-V

Core–VIII MONETARY ECONOMICS

Learning Objectives		
C1	To understand the theories that governs and its application	
C2	To explains working of the Monetary System and its uses	
C3	To know the Role of Commercial Banks after Nationalisation and its operations	
C4	To compare the monetarism and Keynesianism	
C5	To identify the role of central banks and its operations	
UNIT	**Contents**	**No.of Hours**
I	**Money** Definition, functions, Importance - Forms of Money - Supply of Money (M1, M2, M3, M4) - Crypto Currencies. Money Market and Capital Markets – Regulations.	15
II	**Demand for Money** Demand for Money: Classical, Keynesian and Baumol's Inventory theoretic Approach - James Tobin's Portfolio Approach - Milton Friedman's Reformulated Quantity Theory.	15
III	**Monetarism Vs Keynesianism** Monetarism Vs Keynesianism - Comparison - Determinants of Money Supply – Money Multiplier. Supply Side Policies of Inflation.	15
IV	**Commercial Banks** Commercial Banks - Credit Creation – Role of Commercial Banks after Nationalisation - RBI's role in Commercial Banks - Narasimhan Committee Report.	15
V	**Monetary Stability and Central Bank** Inflation and Deflation: Definition, Types, Causes and Effects - Demand-Pull and Cost-Push Inflation - Central Bank Functions - Reserve Bank of India (RBI) - Monetary Policy and its Operations in India.	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Acquire knowledge of Money and its Functions.	PO1,PO2
2	Understand the Demand for Money and its Determinants.	PO1,PO2
3	Acquire information on Supply of Money and its Determinants.	PO1,PO2
4	Understand operations of Commercial Banks and Money Multiplier.	PO1,PO2,PO3
5	Identify the Monetary Policy Implications	PO1,PO2,PO8
Text books		
1	Gupta R.D. (1995), Keynes and Post Keynesian Economics, Kalyani Publishers, New Delhi.	
2	Jhingan M.L. (2004), Monetary Economics, Konark Publication, New Delhi.	
3	Jagdish Handa, "Monetary Economics", Taylor & Francis, 2008	
4	L. Blume, Steven Durlauf, "Monetary Economics", Palgrave Macmillan, 2016	
5	Keith Bain, Peter Howells, "Monetary Economics: Policy and Its Theoretical Basis", Macmillan, 2009	
Reference Books		
1.	Vaish M.C. (2004), Money, Banking and International Trade, New Age International (P) Ltd, New Delhi.	
2.	Sundaram K.P.M. (1996), Money, Banking and International Trade, Vikas, New Delhi.	
3.	Basil J. Moore (1965), An Introduction to the theory of Finance, Oxford University Press.	
4.	Sethi, T.T. (2003). Monetary Economics: S. Chand and Co., New Delhi	
5.	Ghosh, B.N. and Rama Ghosh. (1989). Fundamentals of Monetary Economics, Himalaya Publishing House, Mumbai	
Web Resources		
1.	www.rbi.org.in	
2.	https://www.imf.org	
3.	https://www.oecd.org	
4.	https://www.bis.org/publ/work437.pdf	
5.	https://www.worldbank.org/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	2	3	3	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	15	14	14	15	14	14	15
Weighted percentage of course contributiont o POS	2.8	3.0	3.0	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	2	3	2	2
CO3	3	2	3	2	2
CO4	3	2	3	2	2
CO5	3	3	3	3	3
Weight age	15	12	15	12	11
Weightedpercentage of Course Contributionto PSOs	3	2.4	3	2.4	2.2

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR - SEMESTER-V

Core-IX FISCAL ECONOMICS

Learning Objectives		
C1	To enable students to acquire Knowledge on the various facets of Fiscal Economics.	
C2	To illustrates various theories of fiscal economics and its applications	
C3	To describes the budget process and features of a good tax system	
C4	To analyse the trends in public expenditure and debt management	
C5	To evaluate the Budget of the Government of India, central and state relation	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Fiscal Economics: Nature, Scope, Objectives and Instruments - Major Fiscal Functions - Market Failure: Public Goods and Private Goods, Externalities, Efficiency Versus Equity - Principles of Functional Finance.	15
II	**Theories of Fiscal Economics and Policy** Principle of Maximum Social Advantage - The Benefit Approach - The Ability-to-Pay Approach - Equal Sacrifice Principle - Fiscal Policy and its Instruments.	14
III	**Budget and Taxation** Role of Government in a Modern Economy - Public Budget: Types and Structure - Taxation - Features of a Good Tax System - Direct and Indirect Taxes - Concept of Impact - Incidence and Shifting of Taxation - Elasticity and Determination of Tax Burden - Optimal Taxation.	16
IV	**Public Expenditure and Debt** Public Expenditure: Canons and Classification - Wagner's Law of Public Expenditure - Public Debt: Meaning and Types, Burden of Public Debt - Principles of Public Debt Management – Deficit Financing.	15
V	**Indian Public Finance** Budget of the Government of India (Previous Financial Year) - Sources of Public Receipts (Tax and Non-Tax, GST and its Impacts, calculation of Wholesale Price Index) - Components of Public Expenditure - Sources of Public Borrowing and Debt Liabilities - Deficits - Appraisal of FRBM Act 2004 - Fiscal Federalism:	15
	Total	**75**

Course Outcomes		Programme Outcome
CO	On completion of this course, students will	
1	Understand the importance and Instruments of Fiscal Economics.	PO1,PO2
2	Evaluate the Principles and theories of Public Finance.	PO2
3	Analyze the Budget, Indian Tax System and Policy.	PO2,PO3
4	Describe Classification, Laws of Public Expenditure and Public Debt.	PO1,PO2
5	Know the Indian Public Finance System and Policy Recommendations.	PO1,PO3,PO7
Text books		
1	Bhatia H.L., (2012), Public Finance, Vikas Publications.	
2	Tyagi B.P and H.P. Singh (2018) "Public Finance" Jai Prakash Nath & Co, Meerut	
3	Dr. S.K Singh, "Public Finance in theory and Practice", S. Chand Publishing, 2008	
4	Lekhi, "Public Finance", Kalyani Publishers, 2015.	
5	Richard A. Musgrave & Peggy B. Musgrave, "Public Finance in Theory and Practices", McGraw Hill International Edition, New York, 2006.	
Reference Books		
1.	Harvey Rosen, (2005), Public Finance, Seventh Edition, McGraw Hill Publications.	
2.	Kaushik Basu and Maertens (Ed), (2013), The New Oxford Companion to Economics in India, Oxford University Press.	
3.	Sury M. M., (1990), Government Budgeting in India, Commonwealth Publishers.	
4.	Andley and Sundaram. (2004). Public Finance, Ratan Prakashan, Agra.	
5.	Mu Raja J. C. Chelliah, "Fiscal Policy in Underdeveloped Countries", Allen and Moowbray Limited at the Alden Press Oxford, II Edition, 2012.	
Web Resources		
1.	https://finmin.nic.in/	
2.	https://www.nipfp.org.in/	
3.	https://www.niti.gov.in/	
4.	https://www.gst.gov.in/	
5.	https://www.indiabudget.gov.in/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	14	14	14	15	14	14	15
Weighted percentage of course contributionto POS	3.0	2.8	3.0	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	2	2	3	3	2
CO3	3	3	3	2	3
CO4	2	2	2	2	1
CO5	3	3	2	3	2
Weight age	13	13	13	13	10
Weighted percentage of Course Contributionto PSOs	2.6	2.6	2.6	2.6	2

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR - SEMESTER-V

Core-X INDUSTRIAL ECONOMICS

Learning Objectives		
C1	To discuss the Features, Performance and development issues of the Indian Economy	
C2	To analyse the various theories of Industrial Location.	
C3	To know the licensing policies and industrial sickness	
C4	To describe the growth Patterns in Indian Industrial Sector.	
C5	To observe the trends and prospects of industrial growth in India	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Nature and scope of Industrial Economics - History of Industrial Revolution - Digital Revolution - Classification of Industries: Public Sector, Private Sector and Public Private Partnerships - Large, MSMEs, Cottage Industries - Concept of Plant, Firm and Industry.	15
II	**TheoriesofLocation** Theories of Industrial Location - Weber - Sargant Florence - Factors Affecting Location - Localization - Glocalization of Industries – Decentralization of Industries - Industrial Efficiency and Economic Efficiency - Measures of Concentration - Concentration ratio - Hirschman - Herfindahl Index.	16
III	**Industrial Licensing and Policies** Industrial Licensing – MRTP Act – Industrial Policies - Industrial Productivity - Capacity Utilization - Industrial Sickness - Mergers and Acquisitions – Profitability and Efficiency.	14
IV	**IndustrialRegions** Industrial Region sof the World and India-Industrial Clusters in India – Sunrise Sector –Regional Backwardness- Government Initiatives.	15
V	**Growth Trends in India** Industrial Growth in India: Trends and Prospects – Incentives to Promote Industrialization – Ease of Doing Business Ranking - MNCs in India- Special Economic Zones- FDI Policy- Make in India Initiative- National Manufacturing Policy.	15
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1.	Understand the importance of Industrial Economics	PO1,PO2
2.	Examine theories of industrial Location	PO2,PO3
3.	Review the relevance of Industrial Policies	PO1,PO2,PO3
4.	Describe the Industrial belts of the World and India	PO2,PO2
5.	Analyse the Industrial Trends in the Indian Economy.	PO2,PO3

Text books	
1.	Ranjana Seth. (2010) Industrial Economics Ane's Student Edition.
2.	Barthwal R. R (2007) Industrial Economics An Introductory Textbook, New Age International Publishers
3	Dennis W. C. Carlton and Jeffrey M. Perloff, Modern Industrial Organisation, Cambridge University Press, 2015
4	Rajesh Kumar R (2021) Industrial Economics and Foreign Trade
5	Jyothis Publishers Louis Philips, "Applied Industrial Economics", Cambridge University Press, 1998
ReferenceBooks	
1.	John Weiss (2011) The Economics of Industrial Development, Routledge
2.	Kuchhal, S.C. Industrial Economy of India, Chaitanya Publishing House, Allahabad (1980)
3.	Dhingra I.C and Nitin Dhingra (2013) Industrial Economics Book Age Publications
4.	Martin, S., (2001) Advanced Industrial Economics, 2nd Edition, Wiley-Blackwell
5.	Paul Belleflame et.l "The theory of Industrial Organisation - Markets and Strategies", Cambridge University Press, 2012
Web Resources	
1.	https://www.india.gov.in/topics/industries
2.	https://business.mapsofindia.com/india-industry
3.	https://dpiit.gov.in/
4.	https://dri.nic.in/
5.	https://msme.gov.in/

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	2	3	3	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	14	15	15	15	15	14	15
Weighted percentage of course contribution to POS	3.0	2.8	3.0	3.0	2.8	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	2	3
CO2	3	3	2	2	3
CO3	3	3	2	3	3
CO4	2	3	2	3	3
CO5	3	3	2	3	3
Weight age	14	15	10	13	15
Weighted percentage of Course Contribution to PSOs	2.8	3	2	2.6	3

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR - SEMESTER-V

Elective- III ENVIRONMENTALECONOMICS

Learning Objectives		
C1	To introduce the basic concepts in Environmental Economics	
C2	To Analyse the Environment economically and Economics of Welfare	
UNIT	**Contents**	**No.of Hours**
I	**FUNDAMENTALCONCEPTS** Environmental Economics – Meaning - Nature of Environmental Economics – Scope of Environmental Economics – Relationship between Environment and Economics – Relationship with other sciences - Various approaches – Natural Resources – Renewable and non-renewable resources – Protection of Natural Resources – Issues in protecting natural resources.	15
II	**COST-BENEFITANALYSIS** Economic analysis of Environment – Cost and Benefit analysis – Environmental Cost and Economic Growth – Private cost and social cost – Limits to growth – Environmental Impact analysis – Pollution cost analysis – Consequences on Environment – Water pollution, Air Pollution, Soil Pollution – Total benefits – Marginal benefits – Efficacy of pollution control.	16
III	**ECONOMICS OFWELFARE** Public good and Environment – Population growth and Environment - Impact on Life Expectancy - Demographic transition and its impact on environment – Land use pattern - Problems of Industrialization and Urbanization on environment.	14
IV	**ENVIRONMENT AND ECONOMICDEVELOPMENT** Economic growth and environmental quality – Sustainable agricultural development - Fiscal Measures to control pollution - Taxation and Subsidies – Green Marketing – Systems of Environmental management.	15
V	**EMERGINGENVIRONMENTALPOLICIES** Environmental Protection Policies - Role of Government in protecting environment – Environmental Act – Agreements and Treaties - Role of Non-Governmental Organization in conservation of Environment - Environmental awareness - Environmental Education.	15
	Total	75

ReferenceBooks

1. Hattacharya: Environmental Economics – OUP, 2002.
2. Henley, Nick, J. F. Shogren, and Ben White (2013): Introduction to Environmental Economics, London: Oxford University Press. ISBN: 9780199568734
3. Sankaran, S. (2004), Environmental Economics, Margham Publications, Chennai
4. Baumol, W. J. "The Theory of Environmental Policy", Cambridge University Press.
5. Karpagam, M. (2013), Environmental Economics, Sterling Publications Pvt Ltd, New Delhi. ISBN: 9788120721463
6. Ulagnathan Sankar. (2003), Environmental Economics, Oxford University Press, New Delhi.

Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	3	3	2	3	2	3	3
Weight age	15	14	15	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	3.00	2.8	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	3	3
CO2	2	2	3	3	3
CO3	3	2	2	3	3
CO4	2	2	3	2	2
CO5	2	2	3	3	3
Weight age	11	11	13	14	14
Weighted percentage of Course Contribution to PSOs	2.2	2.2	2.6	2.8	2.8

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR - SEMESTER-V

SEC–III BUSINESS COMMUNICATION

Learning Objectives		
C1	To know the meaning objectives and role of communication and media	
C2	To understand the need and importance of communication in management	
C3	To apply the need and function of business letter	
C4	To study the business correspondents with insurance and other organisations	
C5	To understand the meaning and importance of report writing	
UNIT	**Contents**	**No.of Hours**
I	**Communication** Communication: Meaning and Definition - Objectives - Role of Communication – Process and Elements of Communication - Communication Networks - Types and Media of Communication – Barriers to Communication - Characteristics for Successful Communication	15
II	**CommunicationinManagement** Management and Communication: Need and Importance of Communication in Management – Corporate Communication - Communication Training for Managers - Communication Structure in an Organization.	15
III	**BusinessLetters** Business Letter: Need – Functions – Kinds – Essentials of effective Business Letter - Language and Layout – Planning, Enquiries and Replies - Sales Letter - Orders, Tender and Notice - Complaints - Letter of Appointment.	18
IV	**Correspondence** Correspondence: Bank Correspondence - Insurance Correspondence – Agency Correspondence - Import-Export Correspondence	15
V	**Report Writing** Report Writing: Meaning and Importance - Purpose - Types of Business Reports - CharacteristicsofaGoodReport - ReportPreparation - Reportby Individual and Committees - Agenda and Minutes of Meeting.	12
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1.	Understand the basics of communication and its Process, Elements, and its importance.	PO1,PO2
2.	Acquire communication skills.	PO1,PO4
3.	Employ the art of report preparation and writing Business Letters	PO2,PO6
4.	Use appropriate technology for business presentations and digital communication and write E-mails in a structured pattern.	PO5,PO6, PO8
5.	Employ the art of report preparation	PO4,PO6,PO7

Text books	
1.	Korlahalli, J. S., & Pal, R. (1979) Essentials of Business Communication. S. Chand, New Delhi.
2.	Kaul A, (2015) Effective Business Communication. Second Edition Prentice Hall India Learning Private Limited.
3.	Raymond Lesikar and John Pettit, Jr. (2016) Report Writing for Business McGraw Hill Education
4.	ScottMclean, "Business Communication for Success", FlatWorldKnowlegde, 2010
5.	ViranderK.Jain, "Business Communication", S.Chand Limited, 2008

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

Web Resources	
1.	https://www.managementstudyguide.com/business_communication.htm
2.	https://studiousguy.com/business-communication/
3.	https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills
4.	https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php
5.	https://www.mindtools.com/page8.html

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	3	3	3	2	3	2	3	3
Weight age	15	14	15	14	14	15	14	15
Weighted percentage of course contributionto POS	3.00	3.00	2.8	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	3	3
CO2	2	2	3	3	3
CO3	3	2	2	3	3
CO4	2	2	3	2	2
CO5	2	2	3	3	3
Weight age	11	11	13	14	14
Weighted percentage of Course Contribution to PSOs	2.2	2.2	2.6	2.8	2.8

S-Strong-3 M-Medium-2 L-Low-1

- ✓ **SUMMER INTERNSHIP/INDUSTRIAL TRAINING- 2 CREDITS**
  (Compulsory)

- ✓ **ENVIRONMENTAL STUDIES–(EVS)–COMPULSORY–2 CREDITS**

THIRD YEAR - SEMESTER-V

EVS-1 ENVIRONMENTAL STUDIES

<table>
<tr><th colspan="3">Learning Objectives</th></tr>
<tr><td>C1</td><td colspan="2">Introduction to environmental studies</td></tr>
<tr><td>C2</td><td colspan="2">Ecosystems</td></tr>
<tr><td>C3</td><td colspan="2">Natural Resources: Renewable and Non-renewable Resources</td></tr>
<tr><td>C4</td><td colspan="2">Biodiversity and Conservation</td></tr>
<tr><td>C5</td><td colspan="2">Environmental Pollution</td></tr>
<tr><td>C6</td><td colspan="2">Environmental Policies & Practices</td></tr>
<tr><td>C7</td><td colspan="2">Human Communities and the Environment</td></tr>
<tr><td>C8</td><td colspan="2">Field work</td></tr>
<tr><th>UNIT</th><th>Contents</th><th>No.of Hours</th></tr>
<tr><td>I</td><td>Introduction to environmental studies
• Multidisciplinary nature of environmental studies; components of environment–atmosphere,hydrosphere, lithosphere and biosphere.
• Scope and importance; Concept of sustainability and sustainable development.</td><td></td></tr>
<tr><td>II</td><td>Ecosystems
• What is an ecosystem? Structure and function of ecosystem;Energy flow inanecosystem: food chain, food web and ecological succession. Case studies of the following ecosystems:
a. Forest ecosystem
b. Grass land ecosystem
c. Desert ecosystem
d. Aquatic ecosystems(ponds,streams,lakes,rivers, oceans,estuaries)</td><td></td></tr>
<tr><td>III</td><td>Natural Resources: Renewable and Non-renewable Resources
• Land Resources and land use change; Land degradation, soil erosion and desertification.
• Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
• Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international</td><td></td></tr>
</table>

	&inter-state). • Heating of earth and circulation of air; air mass formation and precipitation. • Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.	
IV	**Biodiversity and Conservation** • Levels of biological diversity: genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns and global biodiversity hot spots • India as a mega-biodiversity nation; Endangered and endemic species of India • Threatstobiodiversity: habitat loss, poachingofwildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. • Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.	
V	**Environmental Pollution** • Environmental pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution • Nuclear hazards and human health risks • Solid waste management: Control measures of urban and industrial waste.. • Pollution case studies.	
VI	**Environmental Policies & Practices** • Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. • Environment Laws : Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act; International agreements; Montreal and Kyoto protocols and conservation on Biological Diversity (CBD). The Chemical Weapons Convention (CWC). • Nature reserves, tribal population and rights, and human, wildlife conflicts in Indian context	

VII	**Human Communities and the Environment** • Human population and growth: Impacts on environment, human health and welfares. • Carbon foot-print. • Resettlement and rehabilitation of project affected persons; case studies. • Disaster management: floods, earthquakes, cyclones and landslides. • Environmental movements: Chipko, Silent valley, Bishnios of Rajasthan. • Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. • Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).	
VIII	**Field work** • Visit to an area to document environmental assets; river/forest/flora/fauna, etc. • Visit to a local polluted site • Urban/Rural/Industrial/Agricultural. • Study of common plants, insects, birds and basic principles of identification. • Study of simple ecosystems-pond, river, Delhi Ridge, etc.	
	Total	75

Suggested Readings:

1. Carson, R. 2002. Silent Spring. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. This Fissured Land: An Ecological History of India. Univ. of California Press.
3. Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
4. Gleick, P. H. 1993. Water in Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J. Gary K. Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M. K. 2013. Threats from India's Himalayan dams. Science, 339: 36-37.
7. McCully, P. 1996. Rivers no more: the environmental effects of dams (pp. 29-64). Zed Books.
8. McNeil, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E. P., Odum, H. T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
10. Pepper, I. L., Gerba, C. P. & Brusseau, M. L. 2011. Environmental and Pollution Science. Academic Press.
11. Rao, M. N. & Datta, A. K. 1987. Waste Water Treatement. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P. H., Hassenzahl, D. M. & Berg, L. R. 2012. Environment. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. Environmental law and policy in India. Tripathi 1992.
14. Sengupta, R. 2003. Ecology and economics: An approach to sustainable development. OUP.
15. Singh, J. S., Singh, S. P. and Gupta, S. R. 2014. Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
16. Sodhi, N. S., Gibson, L. & Raven, P. H. (eds). 2013. Conservation Biology: Voices from the Tropics. John Wiley & Sons.
17. Thapar, V. 1998. Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York: Norton.
20. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.
21. www.nacwc.nic.in

22. www.opcw.org

THIRD YEAR - SEMESTER-VI

Core-XI INTERNATIONAL ECONOMICS

Learning Objectives		
C1	To evaluate critical overview of International Trade theories	
C2	To understand the Foreign Exchange Market and its operations	
C3	To know the BOP disequilibrium and International Trade Policy.	
C4	To impart knowledge on Foreign Exchange Market and its concepts	
C5	To familiarize students on Trade Policies	
UNIT	**Contents**	**No.of Hours**
I	**Introduction and Basic Theories** Nature and Scope of International Economics - Absolute Advantage: Adam Smith - Comparative Advantage: David Ricardo - Opportunity Cost: Haberler - Reciprocal Demand: Mill - Offer Curves: Marshall - Factor Endowments: Heckscher-Ohlin - Leontief Paradox - Economic Growth and International Trade - Current International Economic Problems and Challenges.	18
II	**Foreign Exchange Market** Foreign Exchange Market: Function and structures - Exchange Rates: Fixed, Flexible, Floating, Pegged, Nominal and Real Exchange Rates - Theories of Exchange Rates: Mint Parity Theory, Purchasing Power Parity Theory, and Balance of Payments Theory.	14
III	**Balance of Payments** The Balance of Payments Account - Equilibrium and Disequilibrium in BOP - Surplus and Deficit in BOP - Adjustment Mechanism: Direct and Indirect Mechanisms – Export Promotion and Import Substitution.	13
IV	**Terms of Trade and Trade Policy** Terms of Trade: Concept and Determinants - Terms of trade and Economic Development - Tariff and Non-Tariff Barriers – Effects – Quotas – Import Quotas Vs Tariffs - Free Trade and Economic Development - Free Trade Vs Protection.	12
V	**International financial Institutions** International financial Institutions - Working of World Bank, IMF, IFC, IDA, ADB, CATT, WTO, BRICKS, SAPTA, NAFTA, SAARC, TRIPS & TRIMS, IPRS and EUROCURRENCY.	18
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Develop ideas of the basic characteristics of Globalisation of the World Economy and its current international economic problems and challenges.	PO1
2	Grasp the basic theories of International Trade and Economic Growth.	PO1
3	Understand the functions, structure and theories of Foreign Exchange Market.	PO1,PO2,PO3
4	Describe the BOP disequilibrium, Adjustment Mechanism, Export Promotion and Import Substitution.	PO2,PO3
5	Outline the concepts of terms of trade and assess the Tariff, quotas, Free trade and economic development.	PO1,PO2

Text books	
1	Mithani D.M. (2002), Introduction to International Economics, Vora & Co Publishers, Bombay.
2	Dwivedi, D.N. (2013). International Economics: Theory and Policy. Vikas Publishing House, New Delhi.
3	Cherunilam, Francis (2006). International Economics, Tata McGraw-Hill Publishing Co. Ltd., New Delhi.
4	M.L Jhingan, “International Economics”, Vrinda publications, 2016.
5	K.R. Gupta, International Economics, Atlantic Publishers, 2017.
Reference Books	
1.	Paul Krugman, Maurice Obstfeld, and Marc Melitz, (2012), International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition.
2.	Kindleberger, C. P. (1977). International Economics, D. B. Taraporevala Sons and Co. Pvt. Ltd., Bombay.
3.	Leamer, E. E., & Stern, R. M. (2017). Quantitative International Economics. Routledge.
4.	Salvatore, D. (2016). International Economics. John Wiley & Sons.
5.	Jones, R. W., Grossman, G. M., Kenen, P. B., Rogoff, K., Gopinath, G., & Helpman, E. (Eds.). (1997). Handbook of International Economics (Vol. 3). Elsevier.
Web Resources	
1.	https://www.imf.org
2.	https://www.forextime.com/education/forex-trading-for-beginners
3.	https://www.weforum.org/
4.	https://www.wto.org/
5.	https://policy.trade.ec.europa.eu/eu-trade-relationships-country-and-region/negotiations-and-agreements_en

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	2	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	2	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	15	14	14	15	15	14	15
Weighted percentage of course Contribution to POS	2.8	3.0	2.8	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	2	3	2
CO3	3	3	2	3	2
CO4	3	3	3	2	2
CO5	3	3	2	3	3
Weight age	15	15	12	14	12
Weighted percentage of Course Contribution to PSOs	3	3	2.4	2.8	2.4

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR-SEMESTER-VI

Core–XII DEVELOPMENT ECONOMICS

Learning Objectives		
C1	To focuses on themes that cut across core values in development economics	
C2	To describes the various approaches and theories of development.	
C3	To analyze the significance of Development Models in Economic Planning	
C4	To enable the students to know about Development and Growth Models.	
C5	To probe the role of Financial System in Economic Development	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Meaning and Nature of Development Economics – Core values of Development - Amartya Sen's Approach – Economic Growth Vs. Development – Progress and Economic Welfare – Comparative Economic Development.	12
II	**Theories of Economic Growth and Development – I** Rostow's stages of Growth – Big Push Theory - Theory of Critical Minimum Effort - Utilisation of Surplus Manpower – Lewis Theory, Nurkse Theory - Rural Urban Migration – Harris-Todaro Model.	18
III	**Theories of Economic Growth and Development – II** Harrod-Domar Model (Critical Expansion and Growth) - - Solow Model of Growth - Technical Progress and Growth - Human Capital and Growth - Myrdal Model (Cumulative Causation Thesis) - Kaldor Model (Model of Distribution).	18
IV	**Development Planning** Development Planning – Concept and Rationale - Basic Models of Development Planning process – Government Failure and Market Economy – Role of NGOs in Economic Development – Trends in Governance and Reforms.	15
V	**Financing Economic Development** Role of Financial System in Economic Development – Formal Versus Informal Finance – Micro Finance – Foreign Finance – Foreign Aid - Development Assistance Debate.	12
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Outline the central themes and approaches to Development.	PO1,PO2
2	Compare and contrast the theories of Growth and Development.	PO1,PO2,PO3
3	Critically analyse various Models of Growth.	PO2,PO3,PO7
4	Examine the welfare impact of Development Planning and proposed development interventions by different institutions.	PO1,PO2,PO3,PO7
5	Evaluate the source and significance of Finance in Economic Development.	PO3,PO4
Text books		
1	Ahuja H.L. (2016), Development Economics, S. Chand and Company Ltd.	
2	Jhingan M.L. (2016), Economics of Development Planning, Himalaya Publication House, 41st Edition.	
3	Dutt, A. (2003). Development Economics and Structuralist Macroeconomics. Edward Elgar Publishing.	
4	Debraj Ray, “Development Economics”, Oxford Indian Paperbacks, 1998	
5	Alain de Janvry, Elisabeth Sadoulet, “Development Economics: Theory and Practice”, Talyor & Francis, 2021	
Reference Books		
1.	Todaro Michael and C Smith Stephen (2017) Economic Development, Pearson, 12th Edition	
2.	Taneja & R. M. Myre M. L. (2017), Economics of Development and Planning, Vikas Publishing Co., 15th Edition	
3.	Kulwant Rai Gupta (2006 & 2009), Economics of Development & Planning (Vol. 1 & Vol. 2), Atlantic Publishers and Dist.	
4.	Huq, M. M., Clunies-Ross, A., & Forsyth, D. (2009). Development Economics. McGraw Hill.	
5.	Meier, G. M., & Stiglitz, J. E. (Eds.). (2001). Frontiers of Development Economics: the future in perspective. World Bank Publications.	
WebResources		
1.	https://web.mit.edu/krugman/www/dishpan.html	
2.	http://www.niti.gov.in/	
3.	https://ida.worldbank.org/en/what-is-ida	
4.	https://www.trade.gov/	
5.	https://www.saarc-sec.org/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	2	2	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	2	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	14	14	14	15	15	14	15
Weighted percentage of course Contributionto POS	2.8	2.8	2.8	2.8	3.0	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	2	3	2	3	2
CO3	3	3	3	3	3
CO4	3	3	2	3	3
CO5	3	3	3	3	3
Weight age	14	15	13	15	13
Weighted percentage of Course Contribution to PSOs	2.8	3	2.6	3	2.6

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR- SEMESTER-VI

Core-XIII AGRICULTURAL ECONOMICS

Learning Objectives		
C1	To probe into the various issues in agricultural Labour	
C2	To understand the marketing, Finance and Price Policy of Agriculture	
C3	To study the impact of Agriculture on Indian Economic Scenario.	
C4	To assess the Sustainable agriculture Development In India	
C5	To familiarize students about the significance of Sustainable Agriculture.	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Scope and significance of Agriculture - Land reforms and Agriculture - Role of Agriculture in India's Development - Inter-sectoral Linkages – Application of Science and Technology in Agriculture (AI)	12
II	**Agricultural Labour** Agricultural labour: Definition - Types – Supply of Labour – Problems - Rural Unemployment: Types, Consequences and Remedial Measures - Minimum Wages for Agricultural Workers – Recent Wage and Self-Employment Programmes – Rural Employment programmes by the government of India.	18
III	**Agricultural Finance** Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance/Credit - Cooperatives in Rural Finance - Role of Commercial Banks and NABARD – Farm Capital - Meaning, Types and Marginal Efficiency of Farm – Agricultural Capital Formation	15
IV	**Agricultural Price Policy** Objectives and need of Agricultural Price Policy – Stability and Trends in Agricultural Prices – Evolution of Agricultural Price Policy in India – Agricultural Exports - Current Issues in Indian Agriculture.	15
V	**Sustainable Agriculture and Food Security** Recent Developments in Agriculture – Methods and Issues - Population and Food Supply - Food Security and Public Distribution System in India – Welfare Schemes in India related to agriculture sustainability and food security.	15
	Total	**75**

Course Outcomes		Programm Outcomes
CO	On completion of this course, students will	
1	Understand the relevance of Agricultural Economics and Development	PO1,PO2
2	Examine the importance of Agricultural Labour in Rural Development	PO1,PO2
3	Identify the sources and importance of Agricultural Finance.	PO3, PO7
4	Analyze the trends in Agricultural Prices	PO1,PO2,PO3
5	Evaluate the Major issues pertaining to Agriculture.	PO3,PO4
Text books		
1	Lekhi R.K. and Joginder Singh, (2015), Agricultural Economics: An Indian Perspective, Kalyani Publishers, Ludhiana.	
2	Sadhu An, Singh Amarjit and Singh Jasbir, (2014), Fundamentals of Agricultural Economics, Himalaya Publishing House, Delhi.	
3	Mridula Mishra, (2010), Agriculture and Food Economics, Serials Publication, New Delhi.	
4	John B. Penson, Jr., Oral Capps, Jr., C. Parr Rosson III, Richard T. Woodward, "Introduction to Agricultural Economics", Pearson Publications, 2017.	
5	Dr. B. P. Tyagi, "Agricultural Economics & Rural Development", Jai Prakashnath & Co., 2017.	
Reference Books		
1.	Janardhana Rao. N, (2005), Indian Agriculture: Issues and Perspectives, ICFAI University Press, Hyderabad.	
2.	Gray, L. C. (2013). Introduction to Agricultural Economics. Read Books Ltd.	
3.	Barkley, A., & Barkley, P. W. (2016). Principles of Agricultural Economics. Routledge.	
4.	Cramer, G. L., Jensen, C. W., & Southgate Jr, D. D. (2001). Agricultural Economics and Agribusiness (No. Ed. 8). John Wiley and Sons.	
5.	Colman, D., & Young, T. (1989). Principles of Agricultural Economics: Markets And Prices In Less Developed Countries. Cambridge University Press.	
Web Resources		
1.	https://icar.org.in/	
2.	https://www.icrisat.org/	
3.	https://www.nabard.org/	
4.	https://www.fao.org	
5.	https://farmer.gov.in/mspstatements.aspx	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	2	2	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	2	2	3	3	3
CO 4	3	3	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	14	15	14	15	15	14	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	3.0	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	2	3	2	3	2
CO3	3	3	3	3	3
CO4	3	3	2	3	3
CO5	3	3	3	3	3
Weight age	14	15	13	15	13
Weighted percentage of Course Contribution to PSOs	2.8	3	2.6	3	2.6

S-Strong-3 M-Medium-2 L-Low-1

THIRD YEAR- SEMESTER-VI

Core–XIV TAMILNADU ECONOMY

Learning Objectives		
C1	To discuss the Features, Performance and development issues of Tamil Nadu Economy	
C2	To analyse the agricultural and industrial scenario in Tamil Nadu	
C3	To understand the industrial scenario in Tamil Nadu and its growth	
C4	To know the general performance of the Tamil Nadu	
C5	To describe the state finances and its development initiatives	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Salient features – Geographical Features and its impact on economic growth in Tamil Nadu – Economic and Social Indicators in Tamil Nadu: Human Development – Index – Gender Disparity Index – Poverty Index – Work Participation Rate – Unemployment Rate – Literacy Rate – Life Expectancy – Demography and Occupational Patterns, Impact of Social Reforms Movements in the Socio – Economic development of Tamil Nadu.	18
II	**Agriculture** Land Reforms and Agriculture – Cropping Pattern across Tamil Nadu – Under-employment in Agriculture in the state - Application of Science and technology in Agricultural development (AI)	10
III	**Industry** Industrial Scenario in Tamil Nadu – Production Trends –– Large Industries - MSMEs – Khadi and Village Industries – Export Contribution of top 5 Major Industries – Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates - DIC, EPZ, SPZ, SEZ.	13
IV	**State Finances and Development Initiatives** State Finance – Revenue and Expenditure of the State – Tamil Nadu's Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health system of Tamil Nadu.	15
V	**General Performance of the State** State Welfare Schemes in the Socio-Economic development of Tamil Nadu. Social Justice and Social Harmony as the milestones of Socio – Economic Development. Achievement of Tamil Nadu in various fields – E governance of Tamil Nadu.	19
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand salient features, Poverty, Unemployment of Tamil Nadu Economy	PO1,PO2
2	ExaminetheIssuesinIndianAgriculture,LandUse Patterns, finance and Insurance	PO2,PO3
3	Grasp the Industrial Scenario in Tamil Nadu	PO1,PO7,PO8
4	Describe the status of State Finances and Development Programmes of Tamil Nadu	PO2,PO3
5	Analyse the overall performance of Tamil Nadu Economy.	PO3,PO7,PO8

Textbooks	
1	Leonard A.G, S.J, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi
2	Naganathan M (2002), Tamil Nadu Economy: Trends and Prospects, (ed.), University of Madras.
3	Rajalakshmi N, (1999), Tamil Nadu Economy, Business Publishers, Bombay.
4	Kuppusamy. K, “Socio-Economic Development Of India, Sharadha Publications, 2014
5	S. Perumalsamy, “Economic Development of Tamil Nadu”, S. Chand & Company, 1985

ReferenceBooks	
1.	Veeramani A.R., Tamil Nadu Agricultural Economy, Divyasre Publication, 2015
2.	Manickam. S, (2010), Tamil Nadu – An Economic Appraisal, Department of Evaluation and Applied Research, Panorama of Indian Economy.
3.	Madras Institute of Development Studies, (1988), Tamil Nadu Economy: Performance and Issues, Oxford and IBH Publishing Company Pvt. Ltd., New Delhi.
4.	Kurien C.T and James Joseph (1979), “Economic Change in Tamil Nadu: A Regionally and Functionally Disaggregated Study”, Allied Publishers Pvt. Ltd., New Delhi.
5.	

WebResources	
1.	www.tn.gov.in
2.	http://tnenvis.nic.in/
3.	https://www.msmeonline.tn.gov.in/
4.	https://ctd.tn.gov.in
5.	https://www.tamilnadutourism.tn.gov.in

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	2	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	14	14	14	15	14	14	15
Weighted percentage of course contributionto POS	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	2
CO4	3	3	2	3	3
CO5	3	3	2	3	3
Weight age	15	15	11	15	14
Weighted percentage of Course Contribution toPSOs	3	3	2.2	3	2.8

S-Strong-3 M-Medium-2 L-Low-1 s

✓ PART–III:CORE COURSE–XV- GROUP PROJECT (NOT MORE THAN 6 MEMBERS)

✓ PART–V-EXTENTION ACTIVITY–1 CREDIT

ALLIED ECONOMIC PAPERS FOR OTHER DEPARTMENTS SUCH AS,
B.Com.,B.A.,Public Administration and B.A.,History etc.,

FORB.A.,PUBLIC ADMINISTRATION
SEMESTER - I
(ECONOMICS)ALLIED -I
Allied–I:TAMILNADU ECONOMY

Learning Objectives		
C1	To discuss the Features, Performance and development issues of Tamil Nadu Economy	
C2	To analyse the agricultural and industrial scenario in Tamil Nadu	
C3	To understand the industrial scenario in Tamil Nadu and its growth	
C4	To know the general performance of the Tamil Nadu	
C5	To describe the state finances and its development initiatives	
UNIT	**Contents**	**No.of Hours**
I	**Introduction** Salient features – Geographical Features and its impact on economic growth in Tamil Nadu – Economic and Social Indicators in Tamil Nadu: Human Development – Index – Gender Disparity Index – Poverty Index – Work Participation Rate – Unemployment Rate – Literacy Rate – Life Expectancy – Demography and Occupational Patterns, Impact of Social Reforms Movements in the Socio – Economic development of Tamil Nadu.	18
II	**Agriculture** Land Reforms and Agriculture – Cropping Pattern across Tamil Nadu – Underemployment in Agriculture in the state - Application of Science and technology in Agricultural development (AI)	10
III	**Industry** Industrial Scenario in Tamil Nadu – Production Trends – – Large Industries - MSMEs – Khadi and Village Industries – Export Contribution of top 5 Major Industries – Industrial Financial Institutions: TIIC, SIDCO, SIPCOT, Industrial Estates - DIC, EPZ, SPZ, SEZ.	13
IV	**State Finances and Development Initiatives** State Finance – Revenue and Expenditure of the State – Tamil Nadu's Recent Budget – Poverty Alleviation and Unemployment Programmes – Education and Health system of Tamil Nadu.	15
V	**General Performance of the State** State Welfare Schemes in the Socio-Economic development of Tamil Nadu. Social Justice and Social Harmony as the milestones of Socio – Economic Development. Achievement of Tamil Nadu in various fields – E governance of Tamil Nadu.	19
	Total	**75**

Course Outcomes		Programme Outcomes
CO	On completion of this course, students will	
1	Understand salient features, Poverty, Unemployment of Tamil Nadu Economy	PO1,PO2
2	Examine the Issues in Indian Agriculture, Land Use Patterns, finance and Insurance	PO2,PO3
3	Grasp the Industrial Scenario in Tamil Nadu	PO1,PO7,PO8
4	Describe the status of State Finances and Development Programmes of Tamil Nadu	PO2,PO3
5	Analyse the overall performance of Tamil Nadu Economy.	PO3,PO7,PO8

Text books	
1	Leonard A. G, S. J, (2006), Tamil Nadu Economy, Macmillan India Ltd, New Delhi
2	Naganathan M (2002), Tamil Nadu Economy: Trends and Prospects, (ed.), University of Madras.
3	Rajalakshmi N, (1999), Tamil Nadu Economy, Business Publishers, Bombay.
4	Kuppusamy. K, “Socio-Economic Development Of India, Sharadha Publications, 2014
5	S. Perumalsamy, “Economic Development of Tamil Nadu”, S. Chand & Company, 1985

Reference Books	
1.	Veeramani A.R., Tamil Nadu Agricultural Economy, Divyasre Publication, 2015
2.	Manickam. S, (2010), Tamil Nadu – An Economic Appraisal, Department of Evaluation and Applied Research, Panorama of Indian Economy.
3.	Madras Institute of Development Studies, (1988), Tamil Nadu Economy: Performance and Issues, Oxford and IBH Publishing Company Pvt. Ltd., New Delhi
4.	Kurien C.T and James Joseph (1979), “Economic Change in Tamil Nadu: A Regionally and Functionally Disaggregated Study”, Allied Publishers Pvt. Ltd. New Delhi.
5.	

Web Resources	
1.	www.tn.gov.in
2.	http://tnenvis.nic.in/
3.	https://www.msmeonline.tn.gov.in/
4.	https://ctd.tn.gov.in
5.	https://www.tamilnadutourism.tn.gov.in

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	2	2	3	2	2	3	3	3
CO 4	3	3	3	3	3	3	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	14	14	14	14	15	14	14	15
Weighted percentage of course contribution to POS	2.8	2.8	3.0	2.8	2.8	3.0	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	2
CO4	3	3	2	3	3
CO5	3	3	2	3	3
Weight age	15	15	11	15	14
Weightedpercentage of Course Contribution to PSOs	3	3	2.2	3	2.8

S-Strong-3 M-Medium-2 L-Low-1

FORB.A.,PUBLICADMINISTRATION
SEMESTER - II
(ECONOMICS)ALLIEDII

Allied–II:INDIAN ECONOMY–PROBLEMS AND POLICIES

Learning Objectives		
C1	To understand the features and issues of Indian economy and new economic policy	
C2	To analyse the national income, poverty and human development and its Method	
C3	To equip conceptual foundations and macroeconomic concepts of Indian Economy	
C4	To describe the Trends in Production and Productivity in Agriculture	
C5	To know the importance of Foreign Trade for a Developing Economyy	
UNIT	**Contents**	**No.of Hours**
I	**Introduction to Indian Economy** Nature of Indian Economy –Five Year Plan Models – An Assessment - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic Crisis and Rationale behind Economic Reforms–New Economic Policy (LPG) 1991 – Planning Commission and NITI Aayog	15
II	**National Income** National Income – Sectoral Contributions and Economic Transition in India–Methods of measuring National Income–difficulties in measuring National Income- Basic Indicators – GNP, GDP, NNP, NDP – Personal Income, Disposable Income, Per capita Income - Whole sale Price Index – Consumer PriceIndex–Green GDP-Human Development Index (HDI) - Multi-Dimensional Poverty Index (MPI) - National Income as a measure of Welfare and Development.	13
III	**Development Issues and measures** Structure of Indian Economy – Social Problems: Population, Education, Health, and, and Environmental Degradation.Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures - Employment Generation and Unemployment: Nature and Extent, Measures – International Comparisons.	16
IV	**Fiscal Federalism** Principles of Federal Finance – Fiscal Federalism in India – Functions and Sources of Revenue – Vertical and Horizontal Imbalances –Finance Commission– Resource sharing between UnionandStateGovernments–ReportsanditsRecommendations.	16

V	**Foreign Trade** Importance of Foreign Trade for a Developing Economy- Structure, Composition and Direction of India's Foreign Trade - Role of FDI and Foreign Institutional Investors- BOP Crisis – India's Trade Policy.	15
	Total	75

Course Outcomes		**Programme Outcome**
CO	On completion of this course, students will	
1	Outline the nature of the Indian Economy and highlight the changes	PO1,PO2
2	Discuss the major issues of Poverty, Inequality, Unemployment, and Human Development in India in comparison to other countries	PO6, PO8
3	Provide a qualitative and quantitative overview of different sectors of the Indian Economy	PO1,PO2,PO3
4	Describe the components of Foreign Trade and analyze India‟s Balance of Payments	PO1,PO2,PO3
5	Identify various components of fiscal federalism in India	PO1,PO2
Textbooks		
1	Gaurav Datt and Ashwani Mahajan "Datt and Sundaram‟s Indian Economy" S. Chand 72nd Edition.	
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.	
3	Ramesh Singh, "Indian Economy", McGraw Hill, 2022.	
4	Sanjiv Verma, "The Indian Economy", Unique Publication, 2022.	
5	Dr. V. C. Sinha, "Indian Economy Performance and Policies", SBPD Publications, 2021.	
ReferenceBooks		
1.	Puri. V. K. & S. K. Misra (2022) Indian Economy	
2.	Uma Kapila (Ed.) (2018) Indian Economy Since Independence	
3.	Byres, T. J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi	
4.	Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press	
5.	K.R.Gupta,J.R.Gupta,"Indian Economy",Altanic,2008	
Web Resources		
1.	http://www.niti.gov.in/	
2.	https://www.rbi.org.in/	
3.	https://hdr.undp.org/	
4.	https://www.india.gov.in/	
5.	https://www.cmie.com/	

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	14	14	15	15	14	14	15
Weighted percentage of course contributiont o POS	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	3	1
CO2	3	3	2	3	2
CO3	2	3	2	3	3
CO4	2	3	3	3	3
CO5	1	3	3	3	2
Weight age	10	15	12	15	11
Weighted percentage of Course Contribution to PSOs	2	3	2.4	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

FOR B.Com.,

SEMESTER-I

Allied-I:BUSINESS ECONOMICS

Learning Objectives		
C1	To understand the approaches to economic analysis	
C2	To know the various determinants of demand	
C3	To gain knowledge on concept and features of consumer behaviour	
C4	To learn the laws of variable proportions	
C5	To enable the students to understand the objectives and importance of pricing	
UNIT	**Contents**	**No.of Hours**
I	**NATURE AND SCOPE OF BUSINESS ECONOMICS** Introduction – Meaning – Definitions – Nature and Scope of Business Economics – Characteristics features of Business Economics - Significance - Objectives of the Business firms – Fundamental Concepts used in Business Economics – Incremental concepts – Principles of time Perspectives, discounting principle – opportunity cost principle	**5**
II	**DEMAND ANALYSIS** Meaning – Definitions – Law of Demand – features of Law of Demand - Factors Determining Demand – Extension and Contraction in demand – Increase and decrease in demand – Exception to Law of Demand - Elasticity of demand – Meaning – Price elasticity of Demand - types and Measurement – Income Elasticity of Demand – types and Measurement – Cross Elasticity of Demand – factors affecting Elasticity of Demand - Demand forecasting – Demand forecasting Methods.	**13**
III	**COST CONCEPTS AND PRICING METHODS** Cost concept - Cost - output relationship - Peak load pricing cost plus pricing - Going rate Pricing – Target Pricing - Pricing of life cycle product – Pioneer Pricing – Skimming Pricing, Surge Pricing, Penetration Price - Multiproduct Pricing – Transfer Pricing – Product line pricing – Dual Pricing	**16**

IV	**PROFITS** Meaning - Accounting and Economic Profits – Measurement of Profit – Profit Policy – Profit Planning and Forecasting – Break Even Analysis – Uses of BEP	**16**
V	**CAPITAL BUDGETING AND PROJECT PROFITABILITY** Capital Budgeting – Need for Capital Budgeting – Forms of Capital Budgeting – Demand for Supply of Capital – Capital Rationing – Cost of Capital – Project Profitability – Methods of Appraising a Project Profitabilit	**15**
	TOTAL	**75**

Course Outcomes	
CO1	Explain the positive and negative approaches in economic analysis
CO2	Understood the factors of demand forecasting
CO3	Know the assumptions and significance of indifference curve
CO4	Outline the internal and external economies of scale
CO5	Relate and apply the various methods of pricing

Text Books

1. H. L. Ahuja, Business Economics – Micro & Macro - Sultan Chand & Sons, New Delhi.
2. C. M. Chaudhary, Business Economics - RBSA Publishers, Jaipur - 03.
3. Aryamala. T, Business Economics, Vijay Nicole, Chennai.
4. T. P. Jain, Business Economics, Global Publication Pvt. Ltd., Chennai.
5. D. M. Mithani, Business Economics, Himalaya Publishing House, Mumbai.

Reference Books

1. S. Shankaran, Business Economics - Margham Publications, Chennai.
2. P. L. Mehta, Managerial Economics – Analysis, Problems & Cases, Sultan Chand & Sons, New Delhi.
3. Peter Mitchelson and Andrew Mann, Economics for Business - Thomas Nelson Australia.
4. Ram Singh and Vinay Kumar, Business Economics, Thakur Publication Pvt. Ltd., Chennai.
5. Saluram and Priyanka Jindal, Business Economics, CA Foundation Study Material, Chennai.

NOTE: Latest Edition of Textbooks May be Used.

1 https://youtube.com/channel/UC69_-P77nf5-rKrjcpVEsqQ

2 https://www.icsi.edu/3 https://www.yourarticlelibrary.com/marketing/pricing/product-pricing-objectivesbasis-and-factors/74160

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	2	2	2	2	2	1	2	2
CO2	3	2	3	3	2	2	2	2	2	2	2
CO3	3	2	3	3	2	2	2	2	2	2	2
CO4	3	2	2	3	2	2	2	2	2	2	2
CO5	3	2	3	3	2	2	2	2	2	2	2
TOTAL	15	10	13	14	11	10	10	10	10	10	10
AVERAGE	3	2	2.6	2.8	2.2	2	2	2	2	2	2

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO 1	PSO 2	PS O3	PSO 4	PSO5
CO1	2	3	2	3	1
CO2	3	3	2	3	2
CO3	2	3	2	3	3
CO4	2	3	3	3	3
CO5	1	3	3	3	2
Weight age	10	15	12	15	11
Weighted percentage of Course Contribution to PSOs	2	3	2.4	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

FOR B.COM.,
SEMESTER-II

ALLIED–II: INDIAN ECONOMY- PROBLEMS AND POLICIES

Learning Objectives		
C1	To understand the features and issues of Indian economy and new economic policy to attend all competitive examinations	
C2	To analyse the national income, poverty and human development and its method	
C3	To equip conceptual foundations and macroeconomic concepts of Indian Economy	
C4	To describe the Trends in Production and Productivity in Agriculture	
C5	To know the importance of Foreign Trade for a Developing Economy	
UNIT	**Contents**	**No.of Hours**
I	**IntroductiontoIndianEconomy** Nature of Indian Economy –Five Year Plan Madels – An Assessment - Planned Economic Development in India - Achievements and Failures of Planning in India – Economic CrisisandRationalebehindEconomicReforms–NewEconomic Policy (LPG) 1991 – Planning Commission and NITI Ayog	15
II	**National Income** National Income – Sectoral Contributions and Economic Transition in India–Methods of measuring National Income–difficulties in measuring National Income- Basic Indicators – GNP, GDP, NNP, NDP – Personal Income, Disposable Income, Per capita Income - Whole sale Price Index – Consumer Price Index – Green GDP - Human Development Index(HDI)-Multi-DimensionalPovertyIndex(MPI)-National Income as a measure of Welfare and Development.	13
III	**Development Issues and measures** Structure of Indian Economy – Social Problems: Population, Education, Health, and, and Environmental Degradation.Poverty and Inequality – Definition and Estimates, Gini Coefficient, Sen Index, Poverty Line - Income and Regional Inequalities: Causes and Measures - Employment Generation and Unemployment: Nature and Extent, Measures – International Comparisons.	16
IV	**Fiscal Federalism** Principles of Federal Finance – Fiscal Federalism in India – Functions and Sources of Revenue – Vertical and Horizontal Imbalances –Finance Commission– Resource sharing between Union and State Governments–Reports and its Recommendations.	16

V	**Foreign Trade** Importance of Foreign Trade for a Developing Economy-Structure, Composition and Direction of India's Foreign Trade - Role of FDI and Foreign Institutional Investors- BOP Crisis – India's Trade Policy.	15
	Total	75

Course Outcomes		**Programme Outcome**
CO	On completion of this course, students will	
1	Outline the nature of the Indian Economy and highlight the changes	PO1,PO2
2	Discuss the major issues of Poverty, Inequality, Unemployment, and Human Development in India in comparison to other countries	PO6, PO8
3	Provide a qualitative and quantitative overview of different sectors of the Indian Economy	PO1,PO2,PO3
4	Describe the components of Foreign Trade and analyze India‟s Balance of Payments	PO1,PO2,PO3
5	Identify various components of fiscal federalism in India	PO1,PO2

Text books	
1	Gaurav Datt and Ashwani Mahajan "Datt and Sundaram‟s Indian Economy" S. Chand 72nd Edition.
2	Kaushik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
3	Ramesh Singh, "Indian Economy", McGraw Hill, 2022
4	Sanjiv Verma, "The Indian Economy", Unique Publication, 2022
5	Dr. V. C. Sinha, "Indian Economy Performance and Policies", SBPD Publications, 2021
Reference Books	
1.	Puri.V.K&S.K.Misra(2022) Indian Economy
2.	UmaKapila(Ed.)(2018) Indian Economy Since Independence
3.	Byres, T. J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi
4.	Ashima Goyal (Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press
5.	K.R.Gupta, J.R.Gupta,"Indian Economy", Altanic, 2008
Web Resources	
1.	http://www.niti.gov.in/
2.	https://www.rbi.org.in/
3.	https://hdr.undp.org/
4.	https://www.india.gov.in/
5.	https://www.cmie.com/

Mapping with Programme Outcomes:

	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	2	3	3	3	3	3
CO 3	3	3	3	3	2	3	3	3
CO 4	3	2	3	3	3	2	3	3
CO 5	3	3	3	3	3	3	2	3
Weight age	15	14	14	15	15	14	14	15
Weighted percentage of course contributionto POS	3.0	2.8	2.8	3.0	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	2	3	2	3	1
CO2	3	3	2	3	2
CO3	2	3	2	3	3
CO4	2	3	3	3	3
CO5	1	3	3	3	2
Weight age	10	15	12	15	11
Weighted percentage of Course Contribution to PSOs	2	3	2.4	3	2.2

S-Strong-3 M-Medium-2 L-Low-1

[If the students are failed to attend the Naan Muthalvan Regular Exams they are supposed to attend the following Papers in the case of Arrear or Absent]

SEMESTER – I

NAANMUDHALVAN
THEORY PAPER

Naan Mudhalvan-I:INTRODUCTION TO ENTREPRENEURIAL DEVELOPMENT

Learning Objectives		
C1	To know the nature and scope of Entrepreneurial motivation	
C2	Entrepreneur and Entrepreneurship, Entrepreneurial culture	
C3	Relevance and Achievement of EDPs in India	
C4	Search for business ideas, Project identification and formulation,	
C5	Institutions for entrepreneurial development.	
UNIT	**Contents**	**No.of Hours**
I	Concept of Entrepreneur – Definition, Characteristics, Functions and types – Distinction between an Entrepreneur and a manager – Entrepreneurial motivation	
II	Ownership Structure – Proprietorship, Partnership, Company, Cooperative – Selection of an appropriate form of ownership structure.	
III	Intrepreneurship Development Prgrammes – Need, objective and problems – Evaluation of entrepreneurship development programmes.	
IV	Project identification – Project formation – Criteria for selecting a project.	
V	Entrepreneurship and Economic Devleopment – Entrepreneurial growth – Economic and non-economic factors – Govt action.	
	Total	

Textbooks	
1	Gupta.C.B. Entrepreneurial Development
2	Khanka.S.S Entrepreneurial Development
3.	Saravanavel Entrepreneurial Development
WebResources	
1.	http://eagri.org/eagri50/ARM402/index.html
2.	http://pioneerinstitute.net/activities/6188-entrepreneurship-development-cell.htm
3.	https://www.srecwarangal.ac.in/centre-for-enterprenurship.php
4.	https://fredericodeigah.wordpress.com/2012/10/12/introduction-to-entrepreneurship-development/

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weight age	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weight age	15	14	14	13	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER–II

NAANMUDHALVAN
THEORY PAPER

Naan Mudhalvan-II: SOCIAL STRUCTURE OF ENTREPRENEURSHIP

Learning Objectives		
C1	To understand the approaches to Rural entrepreneurship.	
C2	To know the various determinants of demand.	
C3	To gain knowledge on concept and features of Development of women entrepreneurship.	
C4	To learn the Self employment.	
C5	To enable the students to understand the objectives and importance of Factors promoting and inhibiting entrepreneurial growth.	
UNIT	**Contents**	**No.of Hours**
I	Rural entrepreneurship – Problems of rural entrepreneurship – Non governmental organization and rural entrepreneurship.	
II	Women entrepreneurship – Concept, function, growth and problems – Development of women entrepreneurship – Recent trends.	
III	Women entrepreneurship – Factors influencing mobility – Occupational mobility and locational mobility – Brain drain and its consequences.	
IV	Self employment – Micro Financing and Self–Help Group in Tamil Nadu.	
V	Entrepreneurial growth – Factors promoting and inhibiting entrepreneurial growth – Source of entrepreneurship.	
	Total	

Text books	
1	Gupta.C.B.Entrepreneurial Development
2	Khanka.S.S Entrepreneurial Development
3.	Saravanavel Entrepreneurial Development
Web Resources	
1.	http://eagri.org/eagri50/ARM402/index.html
2.	http://pioneerinstitute.net/activities/6188-entrepreneurship-development-cell.htm
3.	https://www.srecwarangal.ac.in/centre-for-enterprenurship.php
4.	https://fredericodeigah.wordpress.com/2012/10/12/introduction-to-entrepreneurship-development/

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	3	3	2	3	2	3	3
Weight age	15	14	15	14	14	15	14	15
Weighted percentage of course contribution to POS	3.00	3.00	2.8	2.8	2.8	2.8	2.8	3.00

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weight age	15	14	14	13	13
Weighted percent age of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER–III

NAANMUDHALVAN
THEORY PAPER
Naan Mudhalvan-III:FINANCING OF SMALL AND MEDIUM ENTREPRISES

Learning Objectives		
C1	To explain the Characteristics and their role in economic development.	
C2	To understand the Corrective measures.	
C3	To know the Financing of small and medium enterprises.	
C4	To build the Procedure for hire purchase.	
C5	To describe the Small enterprises in international business.	
UNIT	**Contents**	**No.of Hours**
I	Small and medium enterprises – Definition, Characteristics and their role in economic development	
II	Industrial sickness – Meaning, causes and consequences – Corrective measures.	
III	Financing of small and medium enterprises – Fixed and working capital – Need for financial planning – Types of loan – Financial institutions – SFC, NSIC, DIC, SIDCO.	
IV	Lease financing and Hire purchase – Meaning of lease, types of lease agreements and advantages of leasing – Concepts of hire purchase – Procedure for hire purchase.	
V	Small enterprises in international business – Trends and prospects – Constraints – Export Potentials.	
	Total	

Textbooks	
1	Dhingara I.C. - Indian Industrial Economy
2	Kuchhal, S.C. - Industrial Economy in Indian
3	Dutt & Sundharam - Indian Economy
4	Sharma N.K. - Industrial Economy
WebResources	
1.	http://www.oecd.org/finance/COVID-19-Government-Financing-Support-Programmesfor-Businesses.pdf.
2.	https://doi.org/10.1787/9789264240957
3.	https://pitchbook.com/news/articles/thevc-female-founders-dashboard.
4.	https://www.greenrecoverytracker.org/.

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weight age	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1

Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weight age	15	14	14	13	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 **M-Medium-2** **L-Low-1**

SEMESTER–IV

NAANMUDHALVAN
THEORY PAPER
INTRODUCTION TO AGRICULTURAL MARKETING

Naan Mudhalvan–IV:

Learning Objectives		
C1	To explain the Market information.	
C2	To understand the Marketing of agriculture products.	
C3	To know the Agricultural production.	
C4	To build the Minimum support price, procurement price.	
C5	To describe the Agricultural strategy and marketed surplus.	
UNIT	**Contents**	**No.of Hours**
I	**Nature and significance of marketing** – Classification – Marketing process – Functions – Market information.	
II	**Marketing of agriculture products** – Marketing structure – regulated, cooperative and wholesale markets.	
III	**Agricultural production:** Transportations, storage and warehousing – central and sate warehousing corporation.	
IV	**Agricultural prices** – Minimum support price, procurement price – Agricultural price commission – agricultural price.	
V	**Defect of agricultural marketing** – Remedial measures – Agricultural strategy and marketed surplus.	
	Total	

Text books	
1	Dhingara IC–Indian Economy
2	Dutt & Sundaram– Indian Economy
3	Agarwal A.N.– Indian Economy
Web Resources	
1.	www.agriculture.tn.nic.in.
2.	www.tnagmark.tn.nic.in

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weight age	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weight age	15	14	14	13	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER–V

NAANMUDHALVAN
THEORY PAPER

Naan Mudhalvan–V: ELEMENTS OF INSTURANCE

Learning Objectives		
C1	To explain the Principles of Insurance, Utmost good faith, Insurance interest, Material faith, Indemnity, Proximate cost.	
C2	To understand the Insurance laws and Regulations	
C3	To know the Life Insurance Products team insurance,Whole Life and Endowment Annuities.	
C4	To build the Rural insurance and insurance for weaker sections of society.	
C5	To describes the Marketing of Insurance Products	
UNIT	**Contents**	**No.of Hours**
I	Introduction to Insurance – Origin, History, Nature of Insurance, Insurance in India, Market Potential – Emerging Scenario. Principles of Insurance, Utmost good faith, Insurance interest, Material faith, Indemnity, Proximate cost.	
II	Insurance laws and Regulations. Contract Act, Insurance Act, LIC Act, GIC Act, IRDA Act, Consumer protection Act. Ombudsman. Life Insurance–Selection of Risk and Policy conditions. Risk management And reinsurance. Selection of Risks– Computation of premium.	
III	Life Insurance Products team insurance, Whole Life and Endowment Annuities. Insurance document – Proposal Forms, Agents Confidential Report, Declaration of good health, Medical report, Policy form etc., Policy Conditions and privileges–age admission, revival, loans, claims etc.	
IV	Introduction to general insurance. Fire, Motor, Marine, Health - Group insurance schemes – Group insurance, Group gratuity, Superannuation and Pension Plan. Rural insurance and insurance for weaker sections of society.	
V	Marketing of Insurance Products–Selling Processes.	
	Total	

Textbooks	
1	Life Insurance – Institute of Insurance, Mumbai
2	General Insurance – Institute of Insurance, Mumbai.
3	harma R. S. – Insurance: Principles and Practice, 1960. Vora, Bombay.
4	Arif Khan M. – Theory and Practice of Insurance (1976) Educational Book. House, S. Aligarh.
5	Arif Khan, M. – Theory and Practice of Insurance (1976). Educational Book House, Aligarh.
Web Resources	
1.	https://www.irmi.com/articles/expert-commentary/elements-of-insurance
2.	https://www.msuniv.ac.in/images/distance%20education
3	https://www.manipalcigna.com/blog/basic-elements-of-health-insurance

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weight age	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	1	3	3	3	3
Weight age	5	14	14	13	13
Weighted percentage of Course Contribution to PSOs	3	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1

SEMESTER–VI

NAANMUDHALVAN
THEORY PAPER

Naan Mudhalvan–VI: PRINCIPLES OF MARKETING

Learning Objectives		
C1	To explain the role of marketing in economic development.	
C2	To understand the functions of marketing: classification of marketing functions — buying and assembling.	
C3	To know the various factors determining product mix	
C4	To build the benefits of product lifecycle.	
C5	Tode scribe the Market segmentation - meaning and need for market segmentation criteria for market segmentation	
UNIT	**Contents**	**No.of Hours**
I	Marketing- Meaning and definition-Features of marketing-objectives of marketing-Role of marketing in Economic development	
II	Functions of marketing –classification of marketing functions-buying assembling-selling-Transportation-marketinformation-marketresearch Grading and standardization	
III	Product planning-meaning-definition of the product-features of the product-importance of product mix-various factors determining product mix.	
IV	Product life cycle-meaning-benefits of product life cycle.	
V	Market segmentation-meaning and need for market segmentation criteria for market segmentation	
	Total	

Text books	
1	Rajam Nair .N & Sanjith R.Nair ,Marketing, Sultan Ch and
2	Sherlerkar–Marketing Management, Himalaya publishing house
3	Ramasamy and Namana Kumari,Principles of Marketing
4	Philip Kotler, principles of marketing, Prentice hall
5	Gupta, Marketing management, CB Sultan Chand
Web Resources	
1.	https://open.umn.edu/opentextbooks/textbooks/50
2.	https://www.thinkwithgoogle.com/next/
3	https://www.imf.org/external/np/exr/ib/2000/041200to

Mapping with Programme Outcomes:

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**2**	**3**	**2**	**3**
CO5	**3**	**3**	**3**	**2**	**3**	**2**	**3**	**3**
Weight age	**15**	**14**	**15**	**14**	**14**	**15**	**14**	**15**
Weighted percentage of course contribution to POS	**3.00**	**3.00**	**2.8**	**2.8**	**2.8**	**2.8**	**2.8**	**3.00**

S-Strong-3 M-Medium-2 L-Low-1 Level of Correlation between PSO's and CO's

CO/PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	2
CO3	3	3	3	3	3
CO4	3	2	2	3	3
CO5	3	3	3	3	3
Weight age	15	14	14	13	13
Weighted percentage of Course Contribution To PSOs	2.8	2.8	2.8	2.6	2.6

S-Strong-3 M-Medium-2 L-Low-1