

(A State University Established in 1985)

Karaikudi - 630003. Tamil Nadu, India

















M.A., ECONOMICS REGULATIONS AND SYLLABUS

(For the candidates admitted from the **Academic Year 2022 - 2023)**

DEPARTMENT OF ECONOMICS AND RURAL DEVELOPMENT M.A., ECONOMICS

REGULATIONS AND SYLLABUS

[For the candidates admitted from the Academic Year 2022 – 2023 onwards]



ALAGAPPA UNIVERSITY

(A State University Accredited with "A+" grade by NAAC (CGPA: 3.64) in the Third Cycle and Graded as Category-I University by MHRD-UGC)

Karaikudi -630003, Tamil Nadu.

THE PANEL OF MEMBERS-BROAD BASED BOARD OF STUDIES

Department of Economics and Rural Development, Alagappa University. Teaching Experience: 30 years, Research Experience: 30 years, Area of Research: Economics of Irrigation including Micro-Irrigation, Agricultural Economics and Rural Evaluation Studies. Foreign Expert: Dr. Suresh Babu, Senior Research Fellow / Head of Capacity Strengthening, International Food Policy Research Institute, Washington, USA. Teaching Experience: 33 years, Research Experience: 42 years, Area of Research: Food Policy, Capacity Strengthening Nutrition Policy and Natural Resources. Indian Expert: Dr. S. Rajendran, Professor, Department of Economics, The Gandhigram Rural Institute, Gandhigram. Teaching Experience: 26 years, Research Experience: 39 years, Area of Research: Development Studies and Water Management Studies. Indian Expert: Dr. S. Boopathi, Professor and Head, Department of Economics, Bharathiar University, Coimbatore. Teaching Experience: 18 years, Area of Research: Agrarian studies in India, Food Security and Development Studies. Industry Expert: Dr. R. Gopinath, Senior Scientist, MS Swaminathan Research: Agrarian studies in India, Food Security and Development Studies. Internal Member: Dr. R. Suresh, Assistant Professor, Department of Economics and Rural Development, Alagappa University. Teaching Experience: 10 years, Research Experience: 06 years, Area of Research: Labour Economics and Development Economics. Alumni Member: Dr. N. Gayathri Devi, Assistant Professor, Department of Economics, Sree Sevugan Annamalai College, Devakottai. Teaching Experience: 03 years, Research Experience: 03 years, Area of Research: Agricultural Economics.	Chairperson: Dr. A. Narayanamoorthy, Senior Professor and Head,	
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ALAGAPPA UNIVERSITY DEPARTMENT OF ECONOMICS AND RURAL DEVELOPMENT

Karaikudi -630003, Tamil Nadu.

REGULATIONS AND SYLLABUS - (CBCS-University Department)

[For the candidates admitted from the Academic Year 2022 – 2023 onwards]

Name of the Department : Economics and Rural Development

Name of the Programme : M.A., Economics

Duration of the Programme : Full Time (Two Years)

Choice-Based Credit System

A Choice-Based Credit System is a flexible system of learning. This system allows students to gain knowledge at their own tempo. Students shall decide on electives from a wide range of elective courses offered by the University Departments in consultation with the Department committee. Students undergo additional courses and acquire more than the required number of credits. They can also adopt an inter-disciplinary and intra-disciplinary approach to learning and make the best use of the expertise of available faculty.

Programme

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

Courses

'Course' is a component (a paper) of a programme. Each course offered by the Department is identified by a unique course code. A course contains lectures tutorials/laboratory/seminar/project/practical training/report writing/viva-voce, etc., or a combination of these, to meet effectively the teaching and learning needs.

Credits

The term "Credit" refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. Normally in each of the courses credits will be assigned on the basis of the number of lectures/tutorial/laboratory and other forms of learning required to complete the course contents in a 15-week schedule. One credit is equal to one hour of lecture per week. For laboratory/field work one credit is equal to two hours.

Semesters

An Academic year is divided into two Semesters. In each semester, courses are offered in 15 teaching weeks and the remaining 5 weeks are to be utilized for conduct of examination and evaluation purposes. Each week has 30 working hours spread over 5 days a week.

Medium of Instruction

English 4

Departmental Committee

The Departmental Committee consists of the faculty of the Department. The Departmental Committee shall be responsible for admission to all the programmes offered by the Department including the conduct of entrance tests, verification of records, admission, and evaluation. The Departmental Committee determines the deliberation of courses and specifies the allocation of credits semester-wise and course-wise. For each course, it will also identify the number credits for lectures. tutorials, practicals, seminars, The (Core/Discipline Specific Elective/Non-Major Elective) are designed by teachers and Departmental Committees. Courses approved by the approved by the Departmental Committees shall be approved by the Board of Studies/Broad Based Board of Studies. A teacher offering a course will also be responsible for maintaining attendance and performance sheets (CIA-I, CIA-II, assignments and seminar) of all the students registered for the course. The Non-major elective programme, MOOCs coordinator and Internship Mentor are responsible for submitting the performance sheet to the Head of the department. The Head of the Department consolidates all such performance sheets of courses pertaining to the programmes offered by the department and then forwards the same to the Controller of Examinations.

Programme Educational Objectives (PEO)

PEO-1	To provide an in-depth understanding on the basic concepts and theories in various branches of economics.	
PEO-2	To provide details on the sectoral development of economy concerning India.	
PEO-3	To provide exposure to the national and international economic problems.	
PEO-4	To familiarise the important economic problems and concepts to the students.	
PEO-5	To facilitate the students to acquire skills in systematic evaluation and follow-up	
FEO-3	of economic projects.	
PEO-6	To provide exposure on the application of statistical tools in economic analysis.	
PEO-7	To provide a deeper understanding on the Indian economy.	
PEO-8	To provide a detailed understanding about the macro economic problems.	
PEO-9	To provide detailed training on conducting empirical research in economics.	
	To prepare the students for competing for Indian Economic Services (IES),	
PEO-10	Economists position at RBI, NABARD, NITI Aayog, Consultancy Organisations	
	and other leading academic and research institutions.	

Programme Specific Objectives (PSO)

PSO-1	To provide an understanding of the way individual households and business firms make choices and decisions.	
PSO-2	To provide detailed understanding on various macro-economic models which would help the students to integrate the models with theory.	
PSO-3	To strengthen the fundamental mathematical skills essential for solving economic problems.	
PSO-4	To exhort the students to understand the concepts and issues of economic	

	growth and development, models, theories and developmental policies.	
PSO-5	To provide a detailed account on the development of agricultural economy and	
F3O-3	the related issues with a special focus on Indian agriculture.	

Programme Outcome (PO)

	·	
PO-1	The students will be able to understand the functions of key economic	
	instruments.	
PO-2	The students will be able to use the micro economic models to explain the	
10-2	changes in real world economic analysis.	
PO-3	The students will be able to apply econometric and statistical tools in economic	
PO-3	analysis.	
PO-4	The students will be able to meet the market demands and also enrich their	
PO-4	intellectual ability.	
PO-5	The students will be able to acquire broad knowledge on different fields of	
PO-3	economics.	
PO-6	The students will be able to acquire significant knowledge to face various	
PO-0	competitive examinations.	
PO-7	The students will be able to use macroeconomic models to explain the change	
PO-7	real economic situation.	
PO-8	The students will be able to prepare proposals to carry out research on economic	
10-8	issue.	
PO-9	The students will be able to deal with the issues pertaining to the money matters.	
PO-10	The students will be able to acquire full knowledge about the issues on public	
FO-10	finance.	

Programme Specific Outcome (PSO)

PSO-1	The students will be able to apply economic theories in real economic situation.		
PSO-2	The students will be able to pin point the policy issues on Indian agriculture.		
PSO-3	The students will be able to understand economic models based on real economic issues.		
PSO-4	The students will be able to apply econometric tools in empirical research.		
PSO-5	The students will be able to carry out empirical research and write report/paper.		

Eligibility for admission

Applicants who have passed B.A. in Economics/Business Economics/Cooperation/B.B.M./B.B.E./B.B.A./B.Com./B.Sc. Statistics/B.Sc., Agricultural Economics and B.Sc. Mathematics in the specified programmes are eligible for admission to the M.A., Economics Programme. Both male and female students not exceeding 20 in number will be admitted to this programme. Those who are waiting for the results of final semester examination can also apply for this programme. The students will be selected based on their marks scored in the UG programme.

Minimum Duration of programme

The programme is for a period of two years. Each year shall consist of two semesters viz., Odd and Even semesters. Odd semesters shall be from June/July to October/November and even semesters shall be from November/December to April/May. Each semester there shall be 90 working days consisting of 6 teaching hours per working day (5 days/week).

Components

A PG programme consists of a number of courses. The term "course" is applied to indicate a logical part of the subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The following are the various categories of the courses suggested for the PG programmes:

- A. *Core Courses* (*CC*) "Core Papers" means "the core courses" related to the programme concerned including practicals and project work offered under the programme and shall cover core competency, critical thinking, analytical reasoning and research skill.
- B. *Discipline-Specific Electives (DSE)* means the courses offered under the programme related to the major but are to be selected by the students, shall cover additional academic knowledge, critical thinking and analytical reasoning.
- C. Non-Major Electives (NME) Exposure beyond the Discipline
 - > Students have to undergo a total of two Non-Major Elective courses with 2 credits offered by other departments (one in II Semester another in III Semester).
 - A uniform time frame of 3 hours on a common day (Tuesday) shall be allocated for the Non-Major Electives.
 - Non-Major Elective courses offered by the departments pertaining to a semester should be announced before the end of previous semester.
 - Registration Process: Students have to register for the Non-Major Elective course within 15 days from the commencement of the semester either in the department or NME portal (University website).
- D. Self Learning Courses from MOOCs Platforms
 - MOOCs shall be on voluntary for the students.
 - ➤ Students have to undergo a total of 2 Self Learning Courses (MOOCs) one in II semester and another in III semester.
 - ➤ The actual credits earned through MOOCs shall be transferred to the credit plan of programmes as extra credits. Otherwise 2 credits/course be given if the Self Learning Course (MOOCs) is without credit.
 - ➤ While selecting the MOOCs, preference shall be given to the course related to employability skills.
- E. Projects (Maximum Marks: 200)

The student shall undertake the Project work during the fourth semester.

> Plan of work

Project/Dissertation

The candidate shall undergo Project/Dissertation Work during the final semester. The candidate should prepare a scheme of work for the dissertation/project and should get approval from the guide.

The candidate, after completing the dissertation/project work, shall be allowed to submit it to the University departments at the end of the final semester. If the candidate is desirous of availing the facility from other departments/universities/laboratories/organizations, they will be permitted only after getting approval from the guide and HOD. In such a case, the candidate shall acknowledge the same in their dissertation/project work.

> Format to be followed for dissertation/project report

The format/certificate for thesis to be followed by the student are given below

- Title page
- Certificate
- **❖** Acknowledgment
- Content as follows:

Chapter No	Title	Page number
1	Introduction	
2	Aim and objectives	
3	Review of literature	
4	Materials and methods	2.
5	Results and Discussion/Analysis	8
6	Findings and Recommendations	
7	References	

> Format of the title page

Title of Dissertation/Project work

Dissertation/Project submitted in partial fulfilment of the requirement for the degree of Master of Arts to the Alagappa University, Karaikudi - 630003.

By (Student Name) (Register Number) University Logo

Department of-----

Alagappa University

(A State University Accredited with "A+" grade by NAAC (CGPA: 3.64) in the Third Cycle and Graded as Category-I University by MHRD-UGC, 2019: QS ASIA Rank-216, QS BRICS Rank-104,QS India Rank-20)

Karaikudi – 630003 (Year)

> Format of certificates

Certificate – Guide

submitted to Alagappa University, Karaikudi-6 of Science in by Mr/Mis This is based on the results of studies carried of the company of the com	entitled "" 30 003 in partial fulfilment for the degree of Master(Reg No:) under my supervision. out by him/her in the Department of 0 003. This dissertation/Project or any part of this ny other degree, diploma, fellowship, or any other Institution.
Place: Karaikudi	Research Supervisor
Date:	
	0.B.60 _{60,4}
Certific	cate - (HOD)
Mr/Mis(Reg No:) the award of the degree of Master ofin done under the supervision of Dr, Alagappa University. This is to furt formed the basis of the award to the student of title of any University or Institution. Place: Karaikudi	'" submitted by to the Alagappa University, in partial fulfilment for is a bonafide record of research work, Assistant Professor, Department ofher certify that the thesis or any part thereof has not any degree, diploma, fellowship, or any other similar Head of the Department
Date:	
Declarat	tion (student)
the Alagappa University for the award of the carried out by me under the guidance of of, Alagappa University	titled "
Date:	,

➤ No. of copies of the dissertation/project report

The candidate should prepare three copies of the dissertation/project/report and submit the same for the evaluation of examiners. After evaluation, one copy will be retained in the department library, one copy will be retained by the guide and the student shall hold one copy.

Teaching Methods

The Department of Economics and Rural Development uses novel and innovative methods for teaching different courses. Interactive Board, ICT tools, online learning, web-cast learning, group learning, case study method, hands-on-learning, writing assignments, seminar by students, etc., are used as part of teaching methods. Through the adoption of these methods, students can obtain in-depth knowledge on the basic concepts and theories in various branches of economics.

Attendance

Students must have earned 75% of attendance in each course for appearing for the examination. Students who have earned 74% to 70% of attendance need to apply for condonation in the prescribed form with the prescribed fee. Students who have earned 69% to 60% of attendance need to apply for condonation in the prescribed form with the prescribed fee along with the Medical Certificate. Students who have below 60% of attendance are not eligible to appear for the End Semester Examination (ESE). They shall re-do the semester(s) after completion of the programme.

Examination

The examinations shall be conducted separately for theory and practical's to assess (remembering, understanding, applying, analysing, evaluating, and creating) the knowledge required during the study. There shall be two systems of examinations viz., internal and external examinations. The internal examinations shall be conducted as Continuous Internal Assessment Tests I and II (CIA Test I & II).

A. Internal Assessment

The internal assessment shall comprise a maximum of 25 marks for each subject. The following procedure shall be followed for awarding internal marks.

Theory - 25 marks

Sr.No	Content	Marks
1	Average marks of two CIA test	15
2	Seminar/group discussion/quiz	5
3	Assignment/field trip report/case study report	5
	Total	25

Project/Dissertation - 50 Marks (assess by Guide/incharge/HOD/supervisor)

1	Two presentations (mid-term)	30 Marks
2	Progress report	20 Marks
	Total	50 Marks

B.External Examination

- ❖ There shall be examinations at the end of each semester, for odd semesters in the month of October/November; for even semesters in April/May.
- ❖ A candidate who does not pass the examination in any course(s) may be permitted to appear in such failed course(s) in the subsequent examinations to be held in October/November or April/May. However candidates who have arrears in Practical shall be permitted to take their arrear Practical examination only along with Regular Practical examination in the respective semester.
- ❖ A candidate should get registered for the first semester examination. If registration is not possible owing to shortage of attendance beyond condonation limit/regulation prescribed OR belated joining OR on medical grounds, the candidates are permitted to move to the next semester. Such candidates shall re-do the missed semester after completion of the programme.
- ❖ For the Project Report/Dissertation Work/internship, the maximum marks will be 100 marks for project report evaluation and for the Viva-Voce, it is 50 marks (if in some programmes, if the project is equivalent to more than one course, the project marks would be in proportion to the number of equivalent courses).
- ❖ Viva-Voce: Each candidate shall be required to appear for Viva-Voce Examination (in defense of the Dissertation Work /Project/ Internship).

C. Scheme of External Examination (Question Paper Pattern)

Theory - Maximum 75 Marks

Section A	10 questions. All questions carry equal	$10 \times 1 = 10$	10 questions – 2 each
Section A	marks (Objective type questions)	Marks	from every unit
Section B	5 questions Either/Or type like 1.a (or)	$5 \times 5 = 25$	5 questions – 1 each
	b. All questions carry equal marks	100	from every unit
Section C	5 questions Either/Or type like 1.a (or)	$5 \times 8 - 40$	5 questions – 1 each
Beetion C	b. All questions carry equal marks	3 X0 = 40	from every unit

Dissertation / Project Report Scheme of Evaluation

Dissertation /Project report/Internship Report	100 Marks
Vivo-voce	50 Marks

Results

The results of all the examinations will be published through the Department where the student underwent the course as well as through University Website.

Passing minimum

❖ A candidate shall be declared to have passed in each course if he/she secures not less than 40% marks in the End Semester Examinations and 40% marks in the Internal Assessment

- and not less than 50% in the aggregate, taking Continuous Assessment and End Semester Examinations marks together.
- ❖ The candidates not obtained 50% in the Internal Assessment are permitted to improve their Internal Assessment marks in the subsequent semesters (2 chances will be given) by writing the CIA tests and by submitting assignments.
- ❖ Candidates, who have secured the pass marks in the End-Semester Examination and in the CIA but failed to secure the aggregate minimum pass mark (E.S.E + C I.A), are permitted to improve their Internal Assessment mark in the following semester and/or in University examinations.
- ❖ A candidate shall be declared to have passed in the Project/Dissertation/Internship if he/she gets not less than 40% in each of the Project/Dissertation/Internship Report and Viva-Voce and not less than 50% in the aggregate of both the marks for Project Report and Viva-Voce.
- ❖ A candidate who gets less than 50% in the Project/Dissertation/Internship Report must resubmit the thesis. Such candidates need to take again the Viva-Voce on the resubmitted Project report.

Grading of the Courses

The following table gives the marks, Grade points, Letter Grades and classifications meant to indicate the overall academic performance of the candidate.

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

RANGE OF MARKS	GRADE POINTS	LETTER GRADE	DESCRIPTION
90 - 100	9.0 – 10.0	0	Outstanding
80 - 89	8.0 - 8.9	D+	Excellent
75 - 79	7.5 – 7.9	D	Distinction
70 - 74	7.0 - 7.4	A+	Very Good
60 - 69	6.0 – 6.9	A	Good
50 - 59	5.0 – 5.9	В	Average
40 - 49	4.0 – 4.9	С	Satisfactory
00 - 39	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

- a) Successful candidates passing the examinations and earning GPA between 9.0 and 10.0 and marks from 90 100 shall be declared to have Outstanding (O).
- b) Successful candidates passing the examinations and earning GPA between 8.0 and 8.9 and marks from 80 89 shall be declared to have Excellent (D+).
- c) Successful candidates passing the examinations and earning GPA between 7.5 7.9 and marks from 75 79 shall be declared to have Distinction (D).
- d) Successful candidates passing the examinations and earning GPA between 7.0 7.4 and marks from 70 74 shall be declared to have Very Good (A+).

- e) Successful candidates passing the examinations and earning GPA between 6.0 6.9 and marks from 60 69 shall be declared to have Good (A).
- f) Successful candidates passing the examinations and earning GPA between 5.0 5.9 and marks from 50 59 shall be declared to have Average (B).
- g) Successful candidates passing the examinations and earning GPA between 4.0 4.9 and marks from 40 49 shall be declared to have Satisfactory (C).
- h) Candidates earning GPA between 0.0 and marks from 00 39 shall be declared to have Reappear (U).
- i) Absence from an examination shall not be taken as an attempt.

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

GRADE POINT AVERAGE (GPA) = $\Sigma_i C_i G_i / \Sigma_i C_i$

GPA = <u>Sum of the multiplication of grade points by the credits of the courses</u>

Sum of the credits of the courses in a Semester

Classification of the final result

The final result of the candidate shall be based only on the CGPA earned by the candidate.

- a) Successful candidates passing the examinations and earning CGPA between 9.5 and 10.0 shall be given Letter Grade (O+) and those who earned CGPA between 9.0 and 9.4 shall be given Letter Grade (O) and declared to have First Class –Exemplary*.
- b) Successful candidates passing the examinations and earning CGPA between 7.5 and 7.9 shall be given Letter Grade (D), those who earned CGPA between 8.0 and 8.4 shall be given Letter Grade (D+) and those who earned CGPA between 8.5 and 8.9 shall be given Letter Grade (D++) and declared to have First Class with Distinction*.
- c) Successful candidates passing the examinations and earning CGPA between 6.0 and 6.4 shall be given Letter Grade (A), those who earned CGPA between 6.5 and 6.9 shall be given Letter Grade (A+) and those who earned CGPA between 7.0 and 7.4 shall be given Letter Grade (A++) and declared to have First Class.
- d) Successful candidates passing the examinations and earning CGPA between 5.0 and 5.4 shall be given Letter Grade (B) and those who earned CGPA between 5.5 and 5.9 shall be given Letter Grade (B+) and declared to have passed in Second Class.
- e) Successful candidates passing the examinations and earning CGPA between 4.0 and 4.4 shall be given Letter Grade (C) and those who earned CGPA between 4.5 and 4.9 shall be given Letter Grade (C+) and declared to have passed in Third Class.
- f) Absence from an examination shall not be taken as an attempt.

Final result

CGPA	Grade	Classification of Final Result
9.5 – 10.0	0+	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 ++	First Class
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+	Second Class
5.0 and above but below 5.5	В	
4.5 and above but below 5.0	C+	Third Class
4.0 and above but below 4.5	C	
0.0 and above but below 4.0	U	Re-appear

CUMMULATIVE GRADE POINT AVERAGE (CGPA) = $\Sigma_n \Sigma_i C_{ni} G_{ni} / \Sigma_n \Sigma_i C_{ni}$

CGPA = <u>Sum of the multiplication of grade points by the credits of the entire Programme</u>

Sum of the credits of the course for the entire Programme

Where 'Ci' is the Credit earned for Course i in any semester; 'Gi' is the Grade Point obtained by the student for Course i and 'n' refers to the semester in which such courses were credited.

CGPA (Cumulative Grade Point Average) = Average Grade Point of all the Courses passed starting from the first semester to the current semester.

Note: * The candidates who have passed in the first appearance and within the prescribed Semesters of the UG Programme (Major, Allied and Elective courses alone) are alone eligible for this classification.

Maximum duration of the completion of the programme

The maximum period for completion of M.A., in Economics shall not exceed eight semesters continuing from the first semester.

Conferment of the Master's Degree

A candidate shall be eligible for the conferment of the Degree only after he/she has earned the minimum required credits for the Programme prescribed (i.e. 90 credits).

Village Extension Programme

The Sivaganga and Ramnad districts are very backward districts, where a majority of people live under poverty. The rural mass is economically and educationally backward. Thus, the aim of the introduction of this Village Extension Programme is to extend out to reach environmental awareness, social activities, hygiene and health to the rural people of this region. The students in

their third semester have to visit any one of the adopted villages within the jurisdiction of Alagappa University and can arrange various programmes to educate the rural mass in the following areas for three day based on the theme: a). Environmental awareness, b). Hygiene and Health. A minimum of two faculty members can accompany the students and guide them.



M.A., ECONOMICS -PROGRAMME STRUCTURE

S.N	Course Code		Name of the course	T/	Credit	Hours/ Week		Mark	s
	0040		SEMESTER I			,, cen	IA	EA	Total
1	455 101	Core 1	Micro Economics – I	T	5	5	25	75	100
2	455 102	Core 2	Macro Economics – I	T	5	5	25	75	100
3	455 103	Core 3	Mathematics for Economic	T	4	5	25	75	100
			Analysis Water Policies and Irrigation	T					
4	455 104	Core 4	Development	1	4	5	25	75	100
5	455 501	DSE 1	Elective-1	T	4	4	25	75	100
			Library/Seminar/Spoken English		-	6	-	-	-
			Total		22	30	-	-	500
			SEMESTER II						
6	455 201	Core 5	Micro Economics – II	T	5	5	25	75	100
7	455 202	Core 6	Macro Economics – II	T	5	5	25	75	100
8	455 203	Core 7	Indian Economic Development	T	4	4	25	75	100
9	455 204	Core 8	Indian Financial Institutions and Markets	Т	4	4	25	75	100
10	455 502	DSE 2	Elective-2	Т	4	4	25	75	100
11	-	NME 1	Non Major Elective - I	T	2	3	25	75	100
		*SLC-I	MOOCs	- 0	2	Extra	Credit		
			Library/Yoga/Spoken English/		9				
			Career Guidance/ Seminar		-	5	-	-	-
			Total		24	30			600
			SEMESTER III	(A)					
12	455 301	Core 9	Public Finance	T	4	5	25	75	100
13	455 302	Core 10	Development Economics	T	4	5	25	75	100
14	455 303	Core 11	Research Methodology	T	4	4	25	75	100
15	455 304	Core 12	International Economics	T	4	4	25	75	100
16	455 503	DSE 3	Elective-3	Т	4	4	25	75	100
17	-	NME 2	Non Major Elective - II	Т	2	3	25	75	100
		*SLC-II	MOOCs	1	7	Extra	Credit		1
			Library/Yoga/Competitive Examination Coaching/ Career Guidance/Seminar		-	5	-	-	-
			Total		22	30			600
			SEMESTER IV						
18	455 401	Core 13	Monetary Economics	T	4	4	25	75	100
19	455 402	Core 14	Agricultural Economics	T	4	4	25	75	100
20	455 403	Core 15	Environmental Economics	T	4	4	25	75	100
21	455 999	Core 16	Project Report and Viva-Voce		10	16	50	150	200
			Library/Seminar/Competitive		-	2	-	-	-
			Examination Coaching						
			Total		22	30	-	-	500
-					90 +				
		Gr	and Total		Extra	120	-	-	2200
					Credit			1	

^{*}Credits earned through Self Learning Course (MOOCs) shall be transferred in the credit plan of the programme as extra credits.

List of Elective Courses

S.No	Course	Code	Name of the course	Credit	Hours/		Mark	s
3.110	Code	Code	Name of the course	Credit	Week	IA	EA	Total
1	455 501	DSE 1	Computer Application for Data Analysis	4	4	25	75	100
2	455 502	DSE 2	Econometrics	4	4	25	75	100
3	455 503	DSE 3	Statistical Analysis	4	4	25	75	100
4	455 504	DSE 4	Energy Economics	4	4	25	75	100
5	455 505	DSE 5	Industrial Economics	4	4	25	75	100
6	455 506	DSE 6	Project Planning and Evaluation	4	4	25	75	100
7	455 507	DSE 7	Dynamics of Rural Development	4	4	25	75	100



		Semester – I			
Core 1	Course code: 455 101	Micro Economics – I	T	Credits: 5	Hours: 5
		Unit-I			
Objective 1	_	inderstanding on theory of consu			
Approach: Ind Demand Curv Characteristics	ifference Curve (I ye) and their Ap s of Goods App	our: Utility Theory: Total Utility ncome and Substitution Effects, Sl oplication; Revealed Preference, proach (Lancaster)- Consumer Offarkowitz Hypothesis	utsky T Theor	Theory and Cory of Deman	ompensated d (Hicks)-
Outcome 1	The students wi	ill be able to analyse the behaviou	r of co	onsumers	K4
		Unit-II			
Objective 2	To provide expo	osure on production and cost			
Cobb-Douglas Empirical Wor	, CES, VES, Tra k – Traditional ar	sticity of Substitution: Euler's The ans-log Production Function and ad Modern Theories of Cost – Deri ost, Average Fixed Cost, Average V	Fronti vation	er Production of Cost Func	Function:
Outcome 2	The students wi	ill be able to understand the beha	viour	of markets	K2
		Unit-III			
Objective 3	To provide in-d	epth exposure of market theories	1		
Capacity unde (Cournot, Bernand Collusive	r Monopolistic C nard, Edgeworth, (Cartels and M arket – Glo <mark>bal C</mark> o		ion— C ve and rometr	oligopoly: Non I Stackelberg' ric Point Pric	n-Collusive s Solution)
Outcome 3	different marke	ill be a <mark>ble to understand t</mark> he fixing	g or pr	ices iii	K2
		Unit-IV			
Objective 4	To explain abou	it the pricing practices			
Pricing Practi Skimming Pric	ices: Historical Proce—Psychologica ag—Bundling Pri	ricing- Premium Pricing- Penetrati 1 Pricing- Neutral Strategy- Capt ce- Promotional Pricing Strategy	ive Pr	oduct Pricing	Optional
Outcome 4		ill be able to understand different	costs	used in	К3
	production production	cess			
		Unit-V			
Objective 5	To explain the v	way individual households and bu	siness	firms make	choices
	and decisions				
		n: Critical Evaluation of Margin		•	
		Model of Managerial Discretion			-
		Rule- Bains Limit Pricing Th	neory;	Sylos-Labini	s Model—
Outcome 5	lodel of the Firm:	Cyert and March. Ill be able to analyse the firms and	l mari	zote neine	K4
Suttoine 3		ams; assess the microeconomic th		_	13.4
	_	r policy implications, advantages			

Suggested Readings

Gravelle, H. & Rees, R. (2004). *Microeconomics*. Prentice Hall. Pearson Education Limited, England.

Jehle, G.A. & Reny, P.J. (2011). *Advanced Microeconomic Theory*. Prentice Hall. Pearson Education Limited, England.

Koutsyiannis, A. (2008). Modern Microeconomics. MacMillan, London.

Kreps, D.K. (1990). A Course in Microeconomic Theory. Princeton University Press, New Jersey, USA.

Mankiw, N.G. (2015). *Principles of Microeconomics*. Cengage India Private Limited, New Delhi. MasColell, A., Whinston, M.D., & Green, J.R. (1995). *Microeconomic Theory*. Oxford University Press, New Delhi.

Menger, C. (2019). *Principles of Economics*. Ludwig von Mises Institute, Alabama, United States.

Samuelson, P.A. & William D.N. (2021). *Microeconomics*. Tata McGraw Hill International, New Delhi.

Varian, H.R. (2010). Microeconomic Analysis. W.W. Norton and Company, New York.

Online resources

Micro Economics -

https://edisciplinas.usp.br/pluginfile.php/4292722/mod_resource/content/1/%288th%20Edition%29%20%28The%20Pearson%20Series%20in%20Economics%29%20Robert%20Pindyck%2C%20Daniel%20Rubinfeld-Microecon.pdf

Principles of Economics - https://gargicollege.in/wp-content/uploads/2020/03/Karl-E.-Case-Ray-C.-Fair-Sharon-M.-Oster-Principles-of-Economics-10th-Edition-The-Pearson-Series-in-Economics-pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

			our se o	attome	TO ITUS	i aiiiiii v	Juttonic	.6		
CO	PO1	PO2	PO3	PO4	PO5	PO ₆	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
CO4	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)
W.AV	2.6	3.0	2.8	2.6	2.8	2.6	2.8	3.0	2.8	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	S(3)	S(3)	M(2)	M(2)	S(3)
CO3	S(3)	S(3)	S(3)	M(2)	M(2)
CO4	S(3)	M(2)	M(2)	S(3)	S(3)
CO5	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	3.0	2.8	2.6	2.6	2.8

		Semester – I			
Core 2	Course code: 455 102	Macro Economics – I	Т	Credits: 5	Hours: 5
		Unit-I	1	1	
Objective 1	To provide the l	key models that help to analyz	e and ex	plain macro-	economic
	phenomena				
Basic Conce	pts: Need for a S	eparate Study of Macro Econor	nics- Na	tional Income	- Circular
	-	iture of Two Sector, Three S			
		Product– Methods: Income, Ex	•		•
		ement of National Income: Cu			
		t of National Income National	Income a	and Measure	of Welfare-
Difficulties;	Distribution Effect				
Outcome 1	The students wi	ll be able to describe full empl	oyment	and price-	K1
	level stability				
		Unit-II			
Objective 2	-	ledge an investigating econor			
		The Classical Theory of Emplo	-	-	
	* *	ly (Two, Three and Four Sec		/	•
		gical Law of Consumption: AF			
_	•	restment (MEI)– Relation Betwo		,	
,	*	s other than the Interest Rate A	_		
		sed <mark>and Open Econo</mark> my– The	Keynes	ian Theory	of Income,
Output and E					
Outcome 2	The students wi	ll be <mark>ab</mark> le t <mark>o analyse u</mark> nem <mark>p</mark> loy	ment		K4
		Unit-III	A	k.	
Objective 3	_	tailed u <mark>nder</mark> standin <mark>g a</mark> bout th	_		
		Savings and Investment Equa	•		•
	,	ccelerator Theory of Investmen	_		•
1.1		of Investment: Duesenberry's		•	
_		eory of Investment– Multiplier	s: Invest	ment Multipl	ier, Period
•		olier, Super Multiplier.			T
Outcome 3	The students wi	ll be able to analyse the issues	on infla	tion	K4
	T	Unit-IV			
Objective 4	_	tailed understanding about th	e relatio	nship betwee	n savings
	and investment				
		ts in Macro Economics: IS-1			
		the IS Curve, Shift in the IS C		· · · · · · · · · · · · · · · · · · ·	
		IS and LM Curves, Effectivene			-
-	•	onal Expectations Theory- Nu			
		Derivative of LM Curve– Dete	rminatio	n of Income a	and Interest
under IS Cur	Т				
Outcome 4		ll be able to explain the compo	nents of	aggregate	K5
	economic activit	y 9			

Unit-V

Objective 5 | To familiarise the nexus between unemployment, fiscal and monetary policy.

Supply Side Economics: Supply Side Economics: Laffer Curve- Taxation and Labour Supply-Reagan Economics and Supply Side Economics— Reducing the Burden of Government Regulations, Increasing Growth Rate, Effect on the Distribution of Income.

Outcome 5	The students will be able to explain economic fluctuations and its	K5
	effects for the national economy.	

Suggested Readings

Blanchard, O. & Johnson, D.R. (2017). *Macroeconomics*. Pearson Education Limited, New York.

Carlin, W. & David, S. (2007). *Macroeconomics: Imperfections, Institutions, and Policies*. Oxford University Press, New Delhi.

David, R. (2019). Advanced Macroeconomics. McGraw Hill Higher Education, London.

Froyen, R.T. (2022). *Macroeconomics: Theory and Policies*. Pearson Education Limited, England.

Levacic, R. & Rebmann, A. (2003). *Macro Economics: An Introduction to Keynesian - Neoclassical Controversies*. Palgrave Macmillan, London.

Mankiw, N.G. & Taylor, M. P. (2017). *Macroeconomics*. Cengage India Private Limited, New Delhi.

Online resources

Macro Economics - https://www.bu.edu/econ/files/2014/08/DLS1.pdf

Macroeconomics Theory and Policy -

http://196.188.170.250:8080/jspui/bitstream/123456789/2228/1/Macroeconomics%20Theory%20and%20Policy-.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)
CO3	S(3)									
CO4	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)								
W.AV	2.6	3.0	2.8	2.6	2.8	2.6	3.0	2.8	2.8	2.6

Course OutcomeVS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	S(3)	S(3)	M(2)	M(2)	S(3)
CO3	S(3)	S(3)	S(3)	M(2)	M(2)
CO4	S(3)	M(2)	M(2)	S(3)	S(3)
CO5	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	3.0	2.8	2.6	2.6	2.8

S-Strong (3), M-Medium (2), L-Low (1)



		Semester - I			
	Course code:	Mathematics for Economics	T	G 111 4	
Core 3	455 103	Analysis	T	Credits: 4	Hours: 5
		Unit-I			1.
Objective 1	1 To provide a	deeper understanding on using fu	ınctio	ns in econon	nics
Functions:		Matrices-Operations – Determinar			
		Linear Equations – Functions: Equ			
Parameter	 Slope Co-effic 	ient – Quadratic Forms - Applica	tion	in Micro Ec	onomics –
Equilibrium					
Outcome 1	The students	will be able to the use of function	s in e	conomic mod	dels K2
		Unit-II			
Objective 2	2 To provide a	detailed understanding about usi	ng di	fferential cal	culus
Differentia	l Calculus: De	erivatives: Partial Derivatives	- Yo	oungs Theor	em Total
		Elasticity Concepts - Production	and C	Cost Analysis	- Driving
Marginal ar	nd Average Cost a	and Revenues.			
Outcome 2	The students	will be able to the mathematical	know]	ledge needed	for K4
	constructing	economic models			
		Unit-III			
Objective 3		deeper understanding on optimiz			
	Q	rivatives: Optimization Technique			
and Second		s - Utility and Profit Maximization -			n.
Outcome 3		will be able to the use of different	ial ca	lculus in	K3
	economic mo				
		Unit-IV Unit-Unit-IV			
Objective 4		nowle <mark>d</mark> ge o <mark>n u</mark> sing int <mark>eg</mark> ral <mark>calcu</mark> lu			
		e and <mark>In</mark> defi <mark>nite Integr</mark> als - Appli	cation	in Micro E	conomics:
	and Producers Sur	malua .			
()utooms 1		•			
Outcome 4		will be able to the application of	inear	programmi	ng K2
	The students	will be able to the application of I Unit-V		•	
Objective 5	The students To strengthe	will be able to the application of Unit-V ning the fundamental mathematic		•	
Objective 5	The students To strengther solving economics	will be able to the application of Unit-V ning the fundamental mathematic problems.	al ski	ills essential	for
Objective :	The students To strengthe solving econoput Models and	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp	al ski	ills essential	for
Objective S Input-Out Models – S	The students To strengthe solving economut Models and tatic and Dynami	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — 6	al ski	ills essential	for
Objective s Input-Outp Models – S - Maximisa	The students To strengthe solving econoput Models and tatic and Dynamition and Minimis	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems.	al ski ut Mo Graph	ills essential odels: Open a	for and Closed ex Method
Objective S Input-Out Models – S	The students To strengthe solving econo put Models and tatic and Dynamition and Minimiss The students	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n	al ski ut Mo Graph	ills essential odels: Open a	for and Closed ex Method
Objective 5 Input-Outp Models – S - Maximisa Outcome 5	The students To strengthe solving econor that Models and tatic and Dynamition and Minimiss The students the problems	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems.	al ski ut Mo Graph	ills essential odels: Open a	for and Closed ex Method
Objective 5 Input-Outp Models – S - Maximisa Outcome 5	The students To strengthe solving econor that ic and Dynamition and Minimiss The students the problems Readings	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n s of economics.	al ski ut Mo Graph	ills essential odels: Open a ic and Simpl matics in sol	for and Closed ex Method ving K3
Objective s Input-Outp Models – S - Maximisa Outcome 5 Suggested Allen, R.G	The students To strengthe solving econor that ic and Dynamition and Minimiss The students the problems Readings	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n	al ski ut Mo Graph	ills essential odels: Open a ic and Simpl matics in sol	for and Closed ex Method ving K3
Objective 5 Input-Outpose 5 Maximisa Outcome 5 Suggested Allen, R.G Delhi.	The students To strengthe solving econor put Models and tatic and Dynamition and Minimiss The students the problems Readings D. (1986). Math	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n s of economics. mematical Analysis for Economists.	eal ski ut Mo Graph nathe	ills essential odels: Open a ic and Simplematics in solution	for and Closed ex Method ving K3
Objective 5 Input-Outp Models – S - Maximisa Outcome 5 Suggested Allen, R.G Delhi. Bartle, R.G	The students To strengthe solving econor the Models and tatic and Dynamition and Minimiss the problems Readings D. (1986). Math.	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n s of economics.	eal ski ut Mo Graph nathe	ills essential odels: Open a ic and Simplematics in solution	for and Closed ex Method ving K3
Objective S Input-Outp Models – S - Maximisa Outcome S Suggested Allen, R.G Delhi. Bartle, R.G New Jersey	The students To strengther solving econor out Models and static and Dynamition and Minimiss the problems Readings D. (1986). Math. S. & Sherbert, D. (7, NJ.	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n of economics. ematical Analysis for Economists R. (2014). Introduction to Real Analysis	ut Mo Graph nathe Mac	ills essential odels: Open a ic and Simpl matics in solution	for and Closed ex Method ving K3 Ltd, New y & Sons,
Objective S Input-Outp Models – S - Maximisa Outcome 5 Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K	The students To strengthe solving econor to the problems The students the problems Readings D. (1986). Math. S. & Sherbert, D. (1981). Found	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — ation Problems. will be able to how to apply the new of economics. mematical Analysis for Economists. R. (2014). Introduction to Real Analysis of Analysis. Cambridge United States of Analysis.	ut Mo Graph nathe Mac	ills essential odels: Open a ic and Simpl matics in solution emillan India s. John Wile	for and Closed ex Method ving K3 Ltd, New y & Sons, on.
Objective S Input-Out Models – S - Maximisa Outcome 5 Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K Chiang, A.	The students To strengthe solving econor to the problems The students the problems Readings D. (1986). Math. S. & Sherbert, D. To strengthe solving econor to the problems Readings D. (1986). Math. To students the problems The students the problems Readings D. (1986). Math. To strengthe solving econor to the problems The students the	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n of economics. ematical Analysis for Economists R. (2014). Introduction to Real Analysis	ut Mo Graph nathe Mac	ills essential odels: Open a ic and Simpl matics in solution emillan India s. John Wile	for and Closed ex Method ving K3 Ltd, New y & Sons, on.
Objective 3 Input-Outp Models – S - Maximisa Outcome 5 Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K Chiang, A.6 McGraw H	The students To strengther solving economy to Models and tatic and Dynamition and Minimiss the problems Readings D. (1986). Math. S. & Sherbert, D. (1986). Found (1981). Found (1981). Found (1981). Wainwright ill, New Delhi.	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n s of economics. mematical Analysis for Economists R. (2014). Introduction to Real Analysis of Analysis. Cambridge Unit, K. (2017). Fundamental Methods	ut Mo Graph nathe Mac malysi	ills essential odels: Open a nic and Simpl matics in solution emillan India s. John Wile y Press, Lond athematical E	for and Closed ex Method ving K3 Ltd, New y & Sons, on.
Objective S Input-Outp Models – S - Maximisa Outcome S Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K Chiang, A.G McGraw H Dhrymes, F	The students To strengther solving economic management of the students of the problems The students of the problems Readings The students of the problems Readings The students of the problems Readings The students of the problems The studen	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Output of Models - Linear Programming — Cation Problems. will be able to how to apply the new to deconomics. The matical Analysis for Economists of Analysis of Analysis. Cambridge Unit, K. (2014). Fundamental Methods of Econometrics.	ut MoGraph nathe Mac nalysi versit of Mo	ills essential odels: Open a ic and Simpl matics in solution emillan India s. John Wile y Press, Lond athematical E	for and Closed ex Method ving K3 Ltd, New y & Sons, lon. Economics.
Objective S Input-Outp Models – S - Maximisa Outcome S Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K Chiang, A.G McGraw H Dhrymes, F	The students To strengthe solving economic management of the students of the problems The students of the problems Readings D. (1986). Math. G. & Sherbert, D. O., NJ. G. G. (1981). Found of the problems J. J. (2013). Mathe. D. J. (2013). Mathe. D. & Kapoor, V.K.	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Outp c Models - Linear Programming — o ation Problems. will be able to how to apply the n s of economics. mematical Analysis for Economists R. (2014). Introduction to Real Analysis of Analysis. Cambridge Unit, K. (2017). Fundamental Methods	ut MoGraph nathe Mac nalysi versit of Mo	ills essential odels: Open a ic and Simpl matics in solution emillan India s. John Wile y Press, Lond athematical E	for and Closed ex Method ving K3 Ltd, New y & Sons, lon. Economics.
Objective 3 Input-Outy Models – S - Maximisa Outcome 5 Suggested Allen, R.G Delhi. Bartle, R.G New Jersey Binmore, K Chiang, A. McGraw H Dhrymes, F Gupta, S.C New Delhi.	The students To strengthe solving economic management of the students of the problems of the	will be able to the application of Unit-V ning the fundamental mathematic omic problems. Linear Programming: Input-Output of Models - Linear Programming — Cation Problems. will be able to how to apply the new to deconomics. The matical Analysis for Economists of Analysis of Analysis. Cambridge Unit, K. (2014). Fundamental Methods of Econometrics.	ut Mo Graph nathe Mac wersit of Mo Singa Statis	ills essential odels: Open a ic and Simpl matics in solution millan India s. John Wile y Press, Lond athematical I pore. stics. S. Char	for and Closed ex Method ving K3 Ltd, New y & Sons, lon. Economics.

Intriligator, M.D. (1971). *Mathematical Optimization and Economic Theory*. Prentice Hall, New York.

Sydsaeter, K & Hammond, P.J. (2018). *Mathematics for Economic Analysis*. Pearson Education India, New Delhi.

Online resources

Mathematics for Economics and Business -

 $\frac{http://www.mim.ac.mw/books/Mathematics\%20 for\%20 economics\%20 and\%20 business\%205 th\%20 edition.pdf$

Studies in Statistics and Scientific Method -

 $\frac{\text{http://www.mim.ac.mw/books/Mathematics\%20for\%20economics\%20and\%20business\%205th\%20edition.pdf}{\text{}}$

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)									
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)
CO4	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)
CO5	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)
W.AV	2.4	2.6	3.0	2.8	2.4	2.6	2.6	2.6	3.0	2.4

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	M(2)
CO2	M(2)	S(3)	S(3)	S(3)	S(3)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	M(2)
CO5	S(3)	S(3)	S(3)	M(2)	S(3)
W.AV	2.4	2.6	3.0	2.6	2.6

			Semester - I				
~ .	Cour	se code:	Water Policies and Irrigation	_	~		
Core 4	45	5 104	Development	T	Credits: 4	Hou	rs: 5
			Unit-I				
Objectiv	ve 1	To provid	e an in-depth understanding on the w	ater	polices of In	dia	
Water I			gation Development: Water Policies o				12) -
			relopment in India - Importance of Irri				
			Utilisation - Trends in Source-wise				
			n - Climate Change and Water.			•	
Outcom			nts will be able to the overall scenario	of I	ndia's water		K2
		and irriga	tion sector				
			Unit-II				
Objectiv	ve 2	To provide	e exposure on the financial aspects of	irrig	ation develo	pmen	t
			ncial Criteria for Sanctioning Irrigation				
			ndependence – Sourcewise and Planwi				
			riences in Irrigation – Changes in Irriga				
			igation Investment and Potential Create				
Investme	-		and the second		Ž		
Outcom	e 2	The stude	nts will be able to the trends and deve	lopr	nent of		K2
		irrigation					
	-		Unit-III	ř.			
Objectiv	ve 3	To provid	e details on the cost recovery of irriga	tion	sector		
			of Drip and Sprinkler Irrigation Met			f Drir	and
	_	_	omotional Schemes for Drip and Sprink		_		
			ends in <mark>Ar</mark> ea <mark>und</mark> er Drip <mark>an</mark> d S <mark>pr</mark> inkle				
-	_		nkler – Economic Viability of Drip and		-		
Outcom			nts will be able to the efficiency of irr				K4
			Unit-IV				
Objectiv	ve 4	To provid	le a deeper understanding on the impa	icts	of irrigation		
y	I	developm	•		9		
Financia			rrigation Sector: Committees on Pricin	g of	Irrigation Wa	iter –	Price
		•	non-irrigation purposes - Changes in	_	-		
			igation Projects – Financial Recovery				
			al Recovery from Irrigation Sector.			3	
Outcom			nts will be able to the pricing of irriga	tion	water		K5
	I		Unit-V				
Objectiv	ve 5	To provid	e an in-depth understanding on the n	exus	between the	!	
J	I	-	development and agricultural growth				
Irrigation			ect Impacts of Irrigation; Irrigation ar		and Utilisation	on Pa	ttern;
			and Agricultural Growth; Cropping Pa				
Crops P	roducti	ivity by S	ource of Irrigation – Indirect Impacts	of I	rrigation; Irri	gation	and
-			igation and Rural Poverty; Irrigation		-	_	
Develop	ment.						
Outcom	ie 5	The stude	nts will be able to the nexus between i	rrig	ation		K5
			ent and agricultural growth.	J			
Suggest							
		_	igation in India's Agricultural Developi	nent	. Sage Public	ations	,
New De		•	-				
			14			_	

Dhawan, B.D. (1999). Studies in Indian Irrigation. Commonwealth Publishers, New Delhi. Kumar, M.D. (2020). Politics and Policies of Water Resources Management in India.

Routledge, New York.

Narayanamoorthy, A. (2022). The Irrigation Future of India: Development, Resource and Policy. Springer Nature, Switzerland.

Sundarm, KPM., & Dutt, R. (2021). *Indian Economy*, S.Chand Group, New Delhi.

Vaidyanathan, A. (1999). Water Resources Management. Oxford University Press, New

Viswanathan, P.K., Kumar, M.D & Narayanamoorthy, A. (2016). Micro Irrigation Systems in India. Springer, Singapore.

Website of Ministry of Jal Shakti (www. jalshakti-dowr.gov.in); Central Groundwater Board (www.cgwb.gov.in) and Central Water Commission (www.cwc.gov.in)

Online resources

State - wise reports of First Census of Water bodies -

https://cdnbbsr.s3waas.gov.in/s3a70dc40477bc2adceef4d2c90f47eb82/uploads/2023/05/2023 051279.pdf

Tank Irrigation in India: Future Management Strategies and Investment Options https://www.nabard.org/auth/writereaddata/tender/2911220521paper-10-tank-irrigation-inindia-by-dr-palanisami.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO ₆	PO7	PO8	PO9	PO10
CO1	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)
CO2	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	3.0	3.0	2.8	2.8	2.8	2.6	2.6	2.8	2.8

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

СО	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	M(2)	S(3)	S(3)	S(3)	S(3)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	2.8	2.8	2.8	2.8

			Semester – I				
DSE 1		rse code: 55 501	Computer Application for Data Analysis (E)	Т	Credits: 4	Hou	rs: 4
	Analysis (E)						
		_			• •		
						ending	gano
		The stude	nts will be able to gain comprehensiv				K2
		creating,					
Objectiv	ve 2	To provid		Offi	re		
						atting	Text
		-				,,,,,,,	
Outcom						Word	K2
				•			
			Unit-III				
Objectiv	ve 3	To provid	e detailed understanding on the appl	icati	on of MS-Ex	cel fo	r
-		economic	analysis	3"			
				_		_	
				ing	Data- Onlin	e Jour	nals-
•	_						_
Outcom	e 3	The stude		r va	rious purpos	ses	K3
Objectiv	ve 4	To provid		SPS	S in differen	t	
Objectiv	• • •	-			3 m differen	•	
MS-Exc	el fo			ith I	Data in MS-	Excel	Dat
NPV, BO	CR an	d IRR.				•	
Outcom	e 4			n an	d regression	l	K2
		using of c					
Objectiv	ve 5	To provid	e an in-depth knowledge on the use o	of co	mputer in ec	onomi	ic
					_		
					_		
							Dat
						ls.	
Outcom	e 5			R, II	RR using		K5
							1
Suggest	ed Re	adings					
		_	(2009). Statistical Methods for Practi	ce a	nd Research	A Gui	de t
Ajai, S.	G. &	Gaur, S.S.	•	ce a	nd Research	A Gui	ide t
Ajai, S.0 <i>Data An</i>	G. & alysis	Gaur, S.S. <i>Using SPS</i>	S. Sage Publisher, New Delhi.				ide i

Croxton, F.E., Cowden, D.J., & Klein, S. (1988). *Applied General Statistics*. Prentice Hall of India, New Delhi.

Dhanasekaran, K. (2010). Computer Application in Economics. Vrinda Publications, New Delhi.

Gupta, S.P. (2021). *Statistical Methods* (46thed.) S. Chand & Company, New Delhi. Rajaraman, V. & Neeharika, A. (2014). *Fundamentals of Computers*. Prentice Hall of India, New Delhi.

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Computer Data Analysis https://egyankosh.ac.in/bitstream/123456789/8394/1/Unit-19.pdf

Introduction to Statistics and Data Analysis,

 $\frac{https://www.spps.org/cms/lib/MN01910242/Centricity/Domain/859/Statistics\%20Textbook.pdf}{}$

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

		-	0000		, ~ = = 0	,	0 4440 444			
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)
W.AV	2.6	2.4	2.8	2.8	3.0	2.8	2.6	2.8	2.8	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.6	2.6	2.8	2.8	2.6

Core 5
Unit-I Objective 1 To familiarise the theoretical foundation of the micro-economic theory Factor Pricing: Neo-classical Approach: Marginal Productivity Theory, Product Exhausti Theorem- Elasticity of Technical Substitution, Progress and Factor Shares— Theories Distribution: Ricardo, Marx, Kalecki, Kaldor and Sraffa. Outcome 1 The students will be able to the application of micro-economic K
Objective 1To familiarise the theoretical foundation of the micro-economic theoryFactor Pricing: Neo-classical Approach: Marginal Productivity Theory, Product ExhaustiTheorem- Elasticity of Technical Substitution, Progress and Factor Shares— TheoriesDistribution: Ricardo, Marx, Kalecki, Kaldor and Sraffa.Outcome 1The students will be able to the application of micro-economicK
Factor Pricing: Neo-classical Approach: Marginal Productivity Theory, Product Exhausti Theorem- Elasticity of Technical Substitution, Progress and Factor Shares— Theories Distribution: Ricardo, Marx, Kalecki, Kaldor and Sraffa. Outcome 1 The students will be able to the application of micro-economic K
Theorem- Elasticity of Technical Substitution, Progress and Factor Shares— Theories Distribution: Ricardo, Marx, Kalecki, Kaldor and Sraffa. Outcome 1 The students will be able to the application of micro-economic K
Distribution: Ricardo, Marx, Kalecki, Kaldor and Sraffa. Outcome 1 The students will be able to the application of micro-economic K
Outcome 1 The students will be able to the application of micro-economic K
Unit-II
Objective 2 To provide exposure on the different approaches of factor pricing
Equilibrium Analysis: General and Partial Equilibrium- Walrasian Excess Demand a
Input-Output Approaches- Existence, Stability and Uniqueness- Two Sector Model- Stopl
Samuelson Theory- Relationship between Output Mix and Real Factor Prices- Rybezyns
Theory.
Outcome 2 The students will be able to the various issues on economic K
uncertainty K
Unit-III
Objective 3 To provide a detailed understanding on equilibrium analysis
Theory of Uncertainty: Individual Behaviour towards Risk and Uncertainty: R
Preference and Aversion- Sensitivity Analysis: Gambling and Insurance- Economics
Insurance: Cost and Risk, Risk Pooling, Spreading, Moral Hazard and Portfolio Selection
Optimal Consumption under Uncertainty—Game Theory: Non-Cooperative Games; Prisone
Dilemma.
Outcome 3 The students will be able to the economics of information K
I A
Unit-IV
Objective 4 To provide exposure on the behaviour of risk and uncertainty
Objective 4 To provide exposure on the behaviour of risk and uncertainty
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cos
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory K
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cost Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cost Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics.
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis— Stochastic Model— Model Inventory Demand— Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics. Welfare Economics: Pigouvian Welfare Economics— Pareto Optimal Conditions— Value.
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis— Stochastic Model— Model Inventory Demand— Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics. Welfare Economics: Pigouvian Welfare Economics— Pareto Optimal Conditions— Valudgments — Social Welfare Function— Compensation Principle— Inability to Obta
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cost Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics. Welfare Economics: Pigouvian Welfare Economics- Pareto Optimal Conditions- Val Judgments - Social Welfare Function- Compensation Principle- Inability to Obta Optimum Welfare - Sen's Welfare Economics- Theory of Second Best- Arrow
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis— Stochastic Model— Model Inventory Demand— Market with Incomplete Information: Search and Transaction Cos Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics. Welfare Economics: Pigouvian Welfare Economics— Pareto Optimal Conditions— Val Judgments — Social Welfare Function— Compensation Principle— Inability to Obta Optimum Welfare — Sen's Welfare Economics— Theory of Second Best— Arrow Impossibility Theorem— Equity and Efficiency Trade Off.
Objective 4 To provide exposure on the behaviour of risk and uncertainty Economics of Search: Models- Efficient Market Hypothesis Stochastic Model Model Inventory Demand— Market with Incomplete Information: Search and Transaction Cost Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Unit-V Objective 5 To provide an indepth understanding about the welfare economics. Welfare Economics: Pigouvian Welfare Economics— Pareto Optimal Conditions— Val Judgments— Social Welfare Function— Compensation Principle— Inability to Obta Optimum Welfare— Sen's Welfare Economics— Theory of Second Best— Arrow Impossibility Theorem— Equity and Efficiency Trade Off. Outcome 5 The students will be able to the application of welfare theories in real market situations. Kuggested Readings
Conomics of Search: Models- Efficient Market Hypothesis- Stochastic Model- Model Inventory Demand- Market with Incomplete Information: Search and Transaction Cost Economics of Information, Asymmetric Information, Moral Hazards and Adverse Selection Outcome 4 The students will be able to the importance of Game theory Kong Welfare Economics: Pigouvian Welfare Economics- Pareto Optimal Conditions- Val Judgments - Social Welfare Function- Compensation Principle- Inability to Obta Optimum Welfare - Sen's Welfare Economics- Theory of Second Best- Arrow Impossibility Theorem- Equity and Efficiency Trade Off. Outcome 5 The students will be able to the application of welfare theories in real market situations. Kong Suggested Readings Bryant, W.D.A. (2010). General Equilibrium: Theory and Evidence. World Scientification of the studence of the studence of the studence of the studence. World Scientification of the studence of the studence of the studence. World Scientification of the studence of the s
Cobjective 4 To provide exposure on the behaviour of risk and uncertainty
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Layard, P.R.G. & Walters, A.W. (2001). Microeconomic Theory. McGraw Hill, London.

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Menger, C. (2019). *Principles of Economics*. Ludwig von Mises Institute, Alabama, United States.

Samuelson, P.A. & William, D.N. (2021). *Microeconomics*. Tata McGraw Hill, New Delhi. Stigler, G. (1996). *Theory of Price*. Prentice Hall of India, New Delhi.

Varian, H.R. (2019). Microeconomic Analysis. W.W. Norton and Company, New York.

Online resources

 $\frac{https://edisciplinas.usp.br/pluginfile.php/4292722/mod_resource/content/1/\%288th\%20Editio_n\%29\%20\%28The\%20Pearson\%20Series\%20in\%20Economics\%29\%20Robert\%20Pindyck_0%20C\%20Daniel\%20Rubinfeld-Microecon.pdf$

https://gargicollege.in/wp-content/uploads/2020/03/Karl-E.-Case-Ray-C.-Fair-Sharon-M.-Oster-Principles-of-Economics-10th-Edition-The-Pearson-Series-in-Economics-.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
CO2	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	M(3)	S(3)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)
CO4	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)
W.AV	2.6	2.4	2.2	2.8	3.0	2.6	2.6	2.2	2.6	3.0

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	S(3)	M(2)	S(3)
CO2	S(3)	S(3)	M(2)	M(2)	S(3)
CO3	S(3)	S(3)	M(2)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)	M(2)	S(3)
CO5	M(2)	S(3)	S(3)	M(2)	M(2)
W.AV	2.4	2.8	2.6	2.2	2.8

		Semester – II				
Core 6	Course code: 455 202	Macro Economics – II	Т	Credits: 5	Hou	rs: 5
		Unit-I		1		
Objective 1	To provide a de	eeper understanding on the the	ories	of business	cycle	
Theories of		Keynesian Theory of Business				odel-
		and Accelerator- Hicks Theory				
		ncreases in Government Expend				
		l Policy to Control Inflation-				
Effectiveness	s of Fiscal Policy	y- Tools of Monetary Policy -	- Mo	netary Polic	y to	Cure
Recession.	•			•	•	
Outcome 1	The students w	ill be able to the macro econom	ic the	ories		K2
	•	Unit-II				
Objective 2	To exhort the s	tudents to understand the theor	ies of	f economic g	rowth	l
Theories of	Economic Grov	vth: Technological Progress an	d Ec	onomic Grov	vth –	The
Growth of Po	opulation – Capital	Output Ratio-Income Effect and	d Cap	acity Effect -	- Impa	ct of
Increase in	the Saving Rate	- Effect of Population Growth	h –	Long-run G	rowth	and
Technologica	al Change – End	ogenous Growth Model- Inves	tmen	t in Human	Capit	tal –
Kuznets Cur	ve.	W - Sie			•	
Outcome 2	The students w	ill be able to the nexus between	infla	tion and		K2
	unemployment	20	31			K4
		Unit-III				
Objective 3		he <mark>man</mark> ag <mark>ement</mark> of ma <mark>cr</mark> o econd				
Governmen	t and Macro Eco	nomy: Pu <mark>bli</mark> c Expenditur <mark>e</mark> – Gro	wth o	of Public Exp	enditi	ure –
		n P <mark>r</mark> oduction and Distribut <mark>io</mark> n - C				
System-Pro	oblem of Equity in	Taxation – Benefits Received Th	eory	 Ability to I 	Pay Th	eory
		x – Incidence of Tax and Elastici				
		tions <mark>of the</mark> Industry – Mobilizat				
		Price Sta <mark>bi</mark> lity – Bud <mark>ge</mark> t Deficit –	Fisca	al Deficit – M	1easur	es to
Reduce Fisca						
Outcome 3	The students w	ill be able to the issues of budge	t pre	paration		K4
						K5
	T	Unit-IV				
Objective 4	_	n-depth understanding on the r	elati	onship betwe	een	
	inflation and u					
	1 0	: Meaning, Measures and Types of				
		lation – The Classical and Neo C				
•	•	nflation - The Monetarist View				
		d the Rate of Unemployment- Mo		ations in Phi	llips C	Curve
•		sirable Inflation or Unemploymen			П	
Outcome 4		ill be able to the measurements	of po	verty and		K4
	inequality					K5

	Unit-V	
Objective 5	To impart knowledge in the various macro-economic models which w	ould
	help the students to integrate them with theory	
Poverty and	Inequality: Measures of Poverty – Absolute and Relative Poverty –	Sen's
Index - Capa	ability Approaches - Income and Asset Distribution - Lorenz Curve -	Gini
Concentration	Ratio – Patrimonial, Casino, Crony Capitalism – Income Distribution.	
Outcome 5	The students will be able to contemporary perspectives on the role	K4
	of government policy.	K5

Suggested Readings

Carlin, W. & Soskice, D. (2014). *Macro Economics: Institutions, Instability and the Financial System*. Oxford University Press, London.

David, R. (2019). Advanced Macroeconomics. McGraw Hill Higher Education, London.

Dornbusch, R. Fischer. S & Startz, R. (2013). Macroeconomics. McGraw Hill, New York.

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Wickens, M. (2012). *Macroeconomic Theory: The Dynamic General Equilibrium Approach*. Princeton University Press, New York.

Online resources

http://196.188.170.250:8080/jspui/bitstream/123456789/2228/1/Macroeconomics%20Theory %20and%20Policy-Pearson%20Education%20%282010%29%20Vanita%20Agarwal%20-pdf

https://www.bu.edu/econ/files/2014/08/DLS1.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)
CO3	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
CO5	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
W.AV	2.2	2.2	2.4	2.6	2.8	2.2	2.2	2.8	2.2	3.0

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	M(2)	S(3)	S(3)
CO2	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	S(3)	S(3)	M(2)	S(3)	S(S3)
CO5	M(2)	S(3)	M(2)	S(3)	S(3)
W.AV	2.2	2.8	2.2	2.8	3.0

S-Strong (3), M-Medium (2), L-Low (1)



C 7			Semester - II					
Core 7		rse code: 55 203	Indian Economic Developm	nent	Т	Credits: 4	Hour	rs: 4
			Unit-I					
Objectiv			e exposure on the basic chara					
			Economy at the Beginning			•		
			nd Structural Change till the				c Polic	cy –
			my since 1991 – Major Aspec					
Outcom	e 1	The studer independe		oment p	roces	s in India sir	ice	K2 K4
			Unit-II					
Objectiv			rise the role of agricultural s					
_			Sector: Review of Agricult					
			Policies - Policy Initiatives n			_		
			Activities, Diversification and			mpact of Lit	eralisa	ition
			Agriculture and Irrigation – W		•	•• • •		T.7.0
Outcom	e 2		nts will be able to the change	s in the	contr	ibution of		K2
		aillerent s	ectors to GDP	900				K4
<u> </u>		Tr	Unit-III	- (5/2)				
Objectiv	e 3	developme	e details on the contribution	oi vario	us sec	ctors to econ	omic	
Industri	al C		Infrastructure Sectors: The	. Cuar	v 4 1	. d. Matania	of In	1:
			on – Productivity Growth and					
			y – In <mark>di</mark> a an <mark>d I.T. – P</mark> oli	cy rega	_		erprise	es –
			-f WTO 1 T 1- I 1.	1:4:	C/	C TC	.4	
1)	. ~ T	-	of WTO and Trade Libera			ate of Infras	structui	
	_	estment in I	nfrastruc <mark>t</mark> ure– <mark>Public-Priva</mark> te l	P <mark>ar</mark> tnersl	nip.			re –
Promotin Outcom	_	vestment in I The studen	nfrastru <mark>ct</mark> ure— <mark>Public-Priva</mark> te l <mark>its will be able to why the ag</mark>	P <mark>ar</mark> tnersl	nip.			re – K4
	_	vestment in I The studen	nfrastruc <mark>tu</mark> re— <u>Public-Priva</u> te l nts will be able to why the ag on is declining	P <mark>ar</mark> tnersl	nip.			re –
Outcom	e 3	The studer contribution	nfrastructure—Public-Private I on is declining Unit-IV	P <mark>ar</mark> tnersh ricultur	nip. P <mark>al sec</mark>	etor's		re – K4
Outcome Objective	e 3	The studen contribution	nfrastructure—Public-Private Into will be able to why the agon is declining Unit-IV e exposure to the state of hur	Partnersh ricultur nan reso	nip. r <mark>al sec</mark> ource	etor's developmen	t	K4 K5
Outcome Objective Social I	e 3 ve 4 Develo	The student in I contribution To provident in I contribution	nfrastructure— Public-Private Ints will be able to why the agon is declining Unit-IV e exposure to the state of hur	Partnersh ricultur man reso rs - Rev	nip. ral seconomic ource view	developmen	t since e	K4 K5
Outcome Objective Social I	e 3 ve 4 Develo	The student in I The student contribution To provide comment: He Regional V	nfrastructure— Public-Private Ints will be able to why the agon is declining Unit-IV exposure to the state of human Development Indicator ariations— Poverty Reduction	Partnersh ricultur man reso rs - Rev n Measu	ource	developmen of Change so India – De	t since e mogra	K4 K5 early
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Suggested Readings

Alamgir, J. (2010). *India's Open Economy Policy: Globalism, Rivalry, Continuity*. Routledge, London.

Basu, K. (2004). *India's Emerging Economy: Performance and Prospects in the 1990s and Beyond*. MIT Press, Cambridge.

Joshi, V. & Little, I.M.D. (2018). *India's Economic Reforms* 1991-2001. Oxford University Press, New Delhi.

Kanungo, R.P., Rowley, C., & Banerjee, A.N. (2018). *Changing the Indian Economy: Renewal, Reform and Revival.* Elsevier Asian Studies Series, Netherland.

Kapila, U. (2020). *Indian Economy since Independence*. Academic Foundation, New Delhi. Pulin, N. (2015). *The Economic Development of India*. Routledge, London.

Rangarajan, C. (2004). Select Essays on Indian Economy. Vol.1 & 2. Academic Foundation, New Delhi.

Rothermund, D. (1998). *An Economic History of India from Pre-Colonial Times to 1991*. Routledge, New York.

Online resources

https://afeias.com/wpcontent/uploads/2019/04/class11_economics_english.pdf
https://oeclass.aua.gr/eclass/modules/document/file.php/AOA245/Economic%20Development%20-%20Todaro%20and%20Smith.pdf\

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)
CO3	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)
CO5	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)
W.AV	2.0	2.8	2.6	2.2	2.0	2.0	3.0	2.4	2.2	3.0

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

СО	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	S(3)	M(2)	M(2)	S(3)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	S(3)	M(2)	M(2)	M(2)	S(3)
CO5	M(2)	S(3)	S(3)	M(2)	S(3)
W.AV	2.4	2.6	2.2	2.0	3.0

		Semester - II				
Core 8	Course code:	Indian Financial Institutions and	Т	Credits: 4	Hour	1
Core 8	455 204	Markets	1	Credits: 4	Hour	rs: 4
		Unit-I				
Objectiv	e 1 To provide	details on the functioning of money mark	ets			
Introdu		Simple Exposition to Money Demand ar		oney Supply	- RBI	and
		y - Commercial Banks and Credit Creation -				
- Time V	alue of Money an	d Interest Rates.			•	
Outcom		ts will be able to understand the role and f	functi	on of the		K2
	financial sy	vstem				
		Unit-II			'	
Objectiv	ve 2 To familia	rise the functioning of capital markets				
		Financial System: Overview of Indian Fin	ancia	l System - F	unction	1S 0
		- Structure and Growth - RBI and other Regu				
Outcom		ts will be able to evaluate and create strate		•		K5
		roducts and services	8	F		K6
		Unit-III				
Objectiv	ve 3 To provide	a deeper understanding on the state of for	eign	exchange ma	rkets	
		kets: Indian Money Market - Instruments				ıg oʻ
		anges in the Regulatory Framework - Growth				
	2	Process of Initial Public Offer - Offer of Gov				•
	2	ces - Evaluation of Stocks and Bonds -				
Informat	•					
Outcom		ts will be able to clearly understand the fu	nctio	ning of India	's	K2
Outcom	co Incount					
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	stock mark	xets		-	3	
Objectiv	stock mark	tets Unit-IV				
Objectiv Foreign	stock mark	tets Unit-IV a detailed understanding about the role of	f RBI	in financial	market	ts
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Kidwell, D.S., Blackwell, D.W., Whidbee, D.A., & Sias, R.W. (2016). *Financial Institutions, Markets, and Money*. Wiley Publication, New York.

Madura, J. (2014). Financial Markets and Institutions. Thomson Publications, Singapore.

Pathak, B.V. (2018). The Indian Financial System. Pearson Education India, New Delhi.

Online resources

https://www.himpub.com/documents/Chapter1321.pdf

http://ebooks.lpude.in/commerce/mcom/term_3/DCOM304_DCOM503_INDIAN_FINANCIAL_SYS_TEM.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)
CO2	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)
CO3	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)
CO4	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)
W.AV	2.8	2.0	2.2	2.8	2.0	2.0	2.4	3.0	2.2	2.0

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

			_		
CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	M(2)	S(3)	S(3)
CO2	S(3)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	M(2)	S(3)
CO5	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	2.8	2.8	2.0	2.6	3.0

			Semester – II					
DSE 2		urse code: 455 502	Econometrics (E)		T	Credits: 4	Hou	rs: 4
	'		Unit-I		•	1	'	
Objecti	ve 1		the students to understand conometric models	why the	assur	nptions are f	ollow	ed in
Basic I	Econo		troduction – Econometrics	- Natu	re. N	feaning and	Scop	e of
			theory and Econometrics - M					
Econom	etrics		•					
Outcom	es 1	The stude	its will be able to estimate the	he mode	ls usi	ng economet	rics	K4
		software						K5
		1	Unit-II		_			
Objecti	ve 2	_	e training on using the appli	cation of	f ecor	nometrics in		
OI C. A		microecon		D	- C-	E.C4 (O - 14!	
			ations of OLS Assumptions - Correlation and Multicolline					
			Biases – BLUE.	carity –	Idelli	ilication of V	allau	168 –
Outcom			its will be able to export and	l imnort	data	from differe	nt	K2
Outcom		files	its will be able to export and	a import	uata	iroin differe	111	K3
		11100	Unit-III	364				110
Objecti	ve 3	To provide macroecon	e training to use the applica	tion of e	conor	netrics in		
Annlica	tions		economics: Consumer De	mand	\ nolv	sis: Specific	otion	and
			quations – Estimation of Eng		-	-		
l			ations – Production Analys					•
			obb-Douglas, CES and Tra					
Producti								
Outcom	ies 3	The studentissues	ts will be able to apply the	<mark>res</mark> ults ii	n real	world econo	mic	K3 K5
		133463	Unit-IV	7 /3	#			110
Objecti	ve 4	To provid	e training on identifying the	e use of v	ariou	ıs econometr	ics	
		software	o or uniting on the order jung on	, ase or		-5 000110111001	100	
Applica	tions	in Macroed	onomics: Demand for Mone	y - Tern	Stru	cture of Inter	est Ra	ates -
Phillips	Curve	e - Exchange	Rate and Purchasing Power	Parity.				
Outcom	ies 4	The stude	its will be able to interpret t	the resul	ts of	estimated mo	odel	K5
								K6
011		T	Unit-V					•
Objecti	ve 5	analysis.	hen the application of basic	econom	etrics	in various e	conon	nic
Use of 1	Econo	ometrics Sof	tware: Uploading Raw Data	- Summ	ary S	tatistics - OL	S Me	thod:
	•		nation, Interpretation, Diagn					•
			ation Analysis, Estimation of					
Outcom	ies 5		its will be able to derive star		ıferei	ices from the	•	K4
	1		models using statistical softy	vare				K5
Suggest		_	8 D-1 M (2017) D:- F	4		C-4- M-C	TT:11	N T
Gujarati Delhi.	п, D.,	, Porter, D.C	., & Pal, M. (2017). <i>Basic E</i>	conometi	rics.	i ata ivicGraw	пШ,	New
	R	N (2010)	Principles of Econometrics	· An In	trodu	ction (Usino	R	Sage
Publicat			Transipies of Leonometries	. 2111 111	ıı ouu	cuon (Osing	11).	Suge
- aomeat	10110,	111414.						

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

O 4 VCD

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)
CO2	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)
CO3	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)
W.AV	2.0	2.0	3.0	2.2	2.0	2.6	2.0	2.0	2.8	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	M(2)	S(3)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	S(3)	M(2)	M(2)
CO4	M(2)	M(2)	S(3)	M(2)	M(2)
CO5	M(2)	S(3)	S(3)	M(2)	M(2)
W.AV	2.0	2.4	3.0	2.0	2.0

		Semester - III				
Core 9	Course code: 455 301	Public Finance	Т	Credits: 4	Hou	rs: 5
011 (1	4 70 4	Unit-I	11. 4	10		
Objective		en the conceptual framework of pul			<u> </u>	.1 C
		blic Good: Various Economic Systems of Public Enterprises (Marginal				
		icy of Public Enterprises (Marginal , Administered Price) – Major Fisc				
		on Function – Private, Public Goods,				
	ods - Regulation		1100	ision of 1 doi.	ic Got	Jus –
Outcome		ts will be able to understand the fisc	al fu	nctions and		K2
Outcome	public good		ai iu	netions and		112
	public good	Unit-II			l	
Objective	2 To provide	exposure on theoretical dimensions	of p	ublic finance	!	
		Theory: Incidence and Its Measurem				ticity
		Γax – Perfect, Monopoly and Monopo		_		•
Roplh app	oroach – Budgeta	ary Procedure - Techniques - Budge	tary	Theory – Cla	assical	and
Modern A	pproaches – Bud	get Multiplier – Recent Concepts on B	udge	ets.		
Outcome		ts will be able to understand the imp			on	K3
	theories tha	at can be used in the real world situa	tion	S		K4
		Unit-III				
Objective		a deeper understanding on the appr				
_	_	nditure: Pure Theory of Public Expe		_		•
•	•	rinciples; (a) Public Choice Theory (b)	, .			•
` /	•	change Theory (d) Arrow's Impossib	•		Playe	rs of
Outcome		ms of Public Choice – Collective Deci			. 1	K5
Outcome		ts will b <mark>e</mark> able <mark>to present</mark> a co <mark>h</mark> erent ; ing on budgetary and principles of p	_	•		K6
	and in witt	Unit-IV	upii	cexpenditur	C	KU
Objective	4 To provide	a detailed understanding about the	theo	ries of public	•	
Objective	expenditure			ries or public		
Evaluatio		xpenditure: Welfare Foundations -	Co	st Benefit A	Analys	sis –
Maximisa	tion of Total Be	nefits (Fixed Budget, Variable Budg	et),]	Long-term Pr	ojects	and
Discountin	ng - Effects o	f Public Expenditure on Production	n, I	Distribution,	Econ	omic
Stabilisati	on and Growth.					
Outcome	4 The studen	ts will be able to deal with issues of I	oubli	c debt		K2
		Unit-V				
Objective		ise the policy underpinnings of core				
		ederalism: Public Dept – Methods of				
		ebt Management – Fiscal Federalism -				
		mendment – Centre – State Financial F				
		owers and Functions of Finance Commun – Fiscal Policy and Price Stability -				
Time.	iance Commissio	II – Fiscal Folicy and Price Stability -	ruol	ne rinance m	гана	CHILC
Outcome	5 The studen	ts will be able to deal with public de	ht ar	nd fiscal		K4
Outcome	federalism.	is will be able to usal with public us	vi al	iu 115Cai		174
	icaci ansili.					

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

				recome ,						
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)
CO4	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.0	2.2	2.6	2.2	2.0	2.4	2.0	2.2	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	M(2)	M(2)	S(3)	M(2)
CO2	S(3)	M(2)	S(3)	S(3)	M(2)
CO3	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	M(2)	M(2)	M(2)	M(2)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.0	2.4	2.6	2.6

		Semester - III							
Core 10	Course code: 455 302	Development Economics	Т	Credits: 4	Hou	rs: 4			
		Unit-I							
Objective 1		etails on the concepts of develop							
		conomic growth: Distinction bet							
		Factors of Economic Growth: Eco							
		Economic Growth – Inter-relation	ns am	ong Modern	Econ	omic			
		omic Development and Growth.							
Outcome 1		will be able to demonstrate abou	it the	inequalities		K4			
	between rich	and poor countries				K5			
		Unit-II							
		e the important issues of econom							
		Harrod-Domar Growth Model							
	_	Strategy - Inducement to Invest	st – .	Nurksian, Si	nger's	and			
		alanobis Strategy.							
Outcome 2		will be able to study the variatio		per capita		K2			
	income, econ	omic growth, poverty and inequa	ality						
		Unit-III							
Objective 3		etailed training on development							
		wth and Development (Modern a		,					
		thout Technical Progress: Kaldo							
		Partial Theories: Rosentein-Ro	-		tow–	Dual			
•		i model, Jorgenson, Dixit and Mar							
Outcome 3		will be able to understand the m	ajor g	growth theor	ies	K2			
	and models								
01: 4:		Unit-IV							
Objective 4	4 To provide a	deeper understanding on variou				_4:			
Planning a	4 To provide a	deeper understanding on variou t: Concept – Types of Planning -	- Poli	cy Models –	Projec				
Planning a Models –	4 To provide a and Developmen Development Pl	deeper understanding on variou t: Concept – Types of Planning - anning Models – The Wage Go	- Poli oods	cy Models – model in De	Project evelopi	ment			
Planning a Models – Planning –	To provide a nd Developmen Pl Input-Output An	deeper understanding on variou t: Concept – Types of Planning -	- Poli oods	cy Models – model in De	Project evelopi	ment			
Planning a Models – Planning – Developme	To provide a nd Developmen Development Pl Input-Output Another Planning.	deeper understanding on variou t: Concept – Types of Planning - anning Models – The Wage Go alysis in Planning and Developme	- Poli oods nt – L	cy Models – model in Do Linear Program	Project evelops mming	ment and			
Planning a Models – Planning –	To provide a nd Developmen Development Pl Input-Output Another Planning. The students	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne	- Poli oods nt – L	cy Models – model in Do Linear Program	Project evelops mming	ment and K4			
Planning a Models – Planning – Developme	To provide a nd Developmen Development Pl Input-Output Another Planning.	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies	- Poli oods nt – L	cy Models – model in Do Linear Program	Project evelops mming	ment and			
Planning a Models – Planning – Developme Outcome 4	To provide a nod Development Pl Input-Output Anont Planning. The students development	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V	- Poli pods nt - L	cy Models – model in Do inear Progra: planning and	Projective	ment and K4			
Planning a Models – Planning – Developme Outcome 4 Objective 5	To provide a nod Development Planning. The students development To provide d	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies	- Policods nt - L ess of	cy Models – model in Do inear Progra planning and	Projective Projection	ment g and K4 K5			
Planning a Models – Planning – Developme Outcome 4 Objective 5	To provide a nod Development Pl Input-Output An ent Planning. The students development To provide dad Development	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental polic LPG Model - PURA - Pricing	Police Po	cy Models — model in Do inear Program planning and llowed in Ind cy — Labour	Projective Projection	K4 K5			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A	4 To provide a and Development Pl Input-Output Anent Planning. The students development To provide development griculture and In	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies	Police Po	cy Models — model in Do inear Program planning and llowed in Ind cy — Labour	Projective Projection	K4 K5			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A Policy – Inc	To provide a and Development Planning. The students development To provide dad Development griculture and Inclusive Growth.	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model - PURA - Pricing dustrial Policy - Foreign Trade I	- Policods nt - L ess of Policy	cy Models – model in Do inear Program planning and llowed in Ind cy – Labour – Fiscal and	Projectivelops mming d lia. and V l Mono	K4 K5 Vage etary			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A	To provide a nod Development Pl Input-Output Another Planning. The students development To provide development griculture and Inclusive Growth. The students	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental polic LPG Model - PURA - Pricing dustrial Policy - Foreign Trade F	- Policods nt - L ess of Policy	cy Models – model in Do inear Program planning and llowed in Ind cy – Labour – Fiscal and	Projectivelops mming d lia. and V l Mono	K4 K5			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A Policy – Inc Outcome 5	To provide a nod Development Pl Input-Output Anent Planning. The students development To provide development To provide development Griculture and Inclusive Growth. The students issues of economic priculture and Inclusive Growth.	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model - PURA - Pricing dustrial Policy - Foreign Trade I	- Policods nt - L ess of Policy	cy Models – model in Do inear Program planning and llowed in Ind cy – Labour – Fiscal and	Projectivelops mming d lia. and V l Mono	K4 K5 Vage etary			
Planning a Models – Planning – Developme Outcome 4 Objective : Policies an Policy – A Policy – Inc Outcome 5	To provide a nod Development Pl Input-Output Anont Planning. The students development To provide and Planning.	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model - PURA - Pricing dustrial Policy - Foreign Trade I will be able to demonstrate the formic development.	- Policoods nt - I ess of Policy amilia	cy Models — model in Do inear Program planning and llowed in Ind cy — Labour — Fiscal and arity with the	Projectevelops mming d lia. and V l Monde	K4 K5 Wage etary			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A Policy – Inc Outcome 5 Suggested Ahmed, W.	To provide a and Development Development Pl Input-Output And ant Planning. The students development To provide dad Development griculture and Inclusive Growth. The students issues of econ Readings , Kundu, A. & Pe	deeper understanding on variou t: Concept - Types of Planning - anning Models - The Wage Go alysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental polic LPG Model - PURA - Pricing dustrial Policy - Foreign Trade F	- Policoods nt - I ess of Policy amilia	cy Models — model in Do inear Program planning and llowed in Ind cy — Labour — Fiscal and arity with the	Projectevelops mming d lia. and V l Monde	K4 K5 Wage etary			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A Policy – Inc Outcome 5 Suggested Ahmed, W. and Francis	To provide a nod Development Pl Input-Output Anont Planning. The students development To provide development	deeper understanding on varioust: Concept – Types of Planning anning Models – The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model – PURA – Pricing dustrial Policy – Foreign Trade Formic development. ett, R. (2012). New Economic Policies	ess of ies for Policy amilia	cy Models — model in De inear Program planning and llowed in Inc cy — Labour — Fiscal and arity with the India. Routled	Projectivelops mming d lia. and V l Monde	K4 K5 Vage etary K5			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies and Policy – A Policy – Income 5 Suggested Ahmed, Wand Francis Foley, D.K.	To provide a nod Development Pl Input-Output Anont Planning. The students development To provide a	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model - PURA - Pricing dustrial Policy - Foreign Trade I will be able to demonstrate the formic development.	ess of ies for Policy amilia	cy Models — model in De inear Program planning and llowed in Inc cy — Labour — Fiscal and arity with the India. Routled	Projectivelops mming d lia. and V l Monde	K4 K5 Vage etary K5			
Planning a Models – Planning – Developme Outcome 4 Objective : Policies an Policy – A Policy – Inc Outcome 5 Suggested Ahmed, W. and Francis Foley, D.K Press, Cam	To provide a nod Development Pl Input-Output Anont Planning. The students development To provide a	deeper understanding on varioust: Concept - Types of Planning anning Models - The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policy LPG Model - PURA - Pricing dustrial Policy - Foreign Trade I will be able to demonstrate the formic development. eet, R. (2012). New Economic Policy Tavani, D. (2019). Growth and District Concepts of Planning on various development.	- Policy ods nt - I ess of ies folicy amilia cy in A	cy Models — model in De inear Program planning and llowed in India y — Labour — Fiscal and arity with the India. Routled tion. Harvard	Projectevelopper mming d lia. and V l Monde e Unive	K4 K5 Wage etary K5			
Planning a Models – Planning – Developme Outcome 4 Objective 3 Policies an Policy – A Policy – Inc Outcome 5 Suggested Ahmed, W. and Francis Foley, D.K Press, Cam Ghatak, S.	To provide a and Development Development Pl Input-Output And ant Planning. The students development To provide and Planning. The students To provide and Planning. The students To provide development To prov	deeper understanding on varioust: Concept – Types of Planning anning Models – The Wage Goalysis in Planning and Developme will be able to judge the usefulne policies Unit-V etails on the developmental policies LPG Model – PURA – Pricing dustrial Policy – Foreign Trade Formic development. ett, R. (2012). New Economic Policies	ies for Policy cy in A	cy Models — model in Do inear Program planning and llowed in Ind cy — Labour — Fiscal and arity with the India. Routled tion. Harvard & Unwin, L	Projective long and Value on don.	K4 K5 Wage etary K5			

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	S(3)	M(2)	S(3)						
CO2	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)
CO4	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)
CO5	S(3)	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)
W.AV	2.4	2.4	2.2	2.6	2.6	2.4	2.4	2.6	2.4	2.4

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

	-			
PSO1	PSO2	PSO3	PSO4	PSO5
S(3)	M(2)	M(2)	M(2)	S(3)
M(2)	S(3)	M(2)	S(3)	S(3)
S(3)	S(3)	S(3)	S(3)	S(3)
S(3)	M(2)	S(3)	M(2)	S(3)
M(2)	M(2)	S(3)	M(2)	M(2)
2.6	2.4	2.6	2.4	2.8
	S(3) M(2) S(3) S(3) M(2)	PSO1 PSO2 S(3) M(2) M(2) S(3) S(3) S(3) S(3) M(2) M(2) M(2)	PSO1 PSO2 PSO3 S(3) M(2) M(2) M(2) S(3) M(2) S(3) S(3) S(3) S(3) M(2) S(3) M(2) M(2) S(3)	PSO1 PSO2 PSO3 PSO4 S(3) M(2) M(2) M(2) M(2) S(3) M(2) S(3) S(3) S(3) S(3) S(3) S(3) M(2) S(3) M(2) M(2) M(2) S(3) M(2)

		Semester - III				
Core 11	Course code: 455 303	Research Methodology	Т	Credits:	Hours	: 4
		Unit-I				
Objective		detailed understanding on various k				
		od: Definition – Purpose and Principle				
		thical issues in research- Types of R				
1	•	Quantitative Research, Developme	ent Po	olicy and Pa	articipato	ory
	Theory and Fac					
Outcome	1 The student easily	s will be able to identify and formul	ate re	search issue	I	K2 K3
		Unit-II				
Objective		se the rules of scientific research mo				
		entification and Formulation of Res				
		ure Review — Objectives and Hypot			Functions	s –
Independe	nt and Dependen	t Variables - Concepts and Model Bui	lding.			
Outcome	2 The student	s will be able to design and execute	resear	ch plans	1	K2
	satisfactoril		- 00000	vii piviis	I	K3
	5001510000111	Unit-III				
Objective	3 To provide	an in-depth understanding on the id	entify	ing the rese	arch	
o Sjeets ve	problem		.c.iviij			
Experimen	ntal Methods of	search Design and its Components – Research – Social Survey Method – Research - Historical Method.				
Outcome	3 The student	s will be able to carry out a detailed	litera	ture survey		K2 K3
		Unit-IV				
Objective		a detailed <mark>und</mark> erstandi <mark>ng a</mark> bout the pearrying out research	proces	ss and techn	iques	
Tools of		and Analysis: Types of Data: Q	uantita	ative and Qu	ıalitative	-
Continues	and Discrete - P	rimary and Secondary Data Sources -	- Natio	onal Sample	Survey a	ınd
		- Sampling Techniques - Methods of				
	*	cussion - Designing Schedule and G	-		e-Test a	ınd
Pilot Study	y - Validity and 1	Reliability Scales – Analytical Table I	Data C	leaning.		
Outcome 4	4 The student	s will be able to use appropriate me	thodo	logies in]]	K4
	conducting	primary and secondary data based s	studie	S]	K5
		Unit-V				
Objective	5 To provide report.	adequate knowledge on writing a re	asona	ble the resea	arch	
Report W		of Research Report – Types of Reports	s - Ana	alysis and Int	terpretati	ion
_	_	notes and Endnotes – Citations – Re		•	-	
		- Summary Preparation - Finalisatio				
Factor - 'h	index.					
Outcome	5 The student scientific pr	s will be able to write a good researd inciples.	ch rep	ort followin	g K K	

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

			our se o	erregime	, ~ I I 0 8			~		
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)
CO2	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO3	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)
CO5	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	2.8	2.6	2.6	2.6	2.4	2.6	2.6	2.6	2.4
										-

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	M(2)	S(3)	M(2)
CO2	M(2)	M(2)	S(3)	M(2)	S(3)
CO3	S(3)	S(3)	S(3)	M(2)	S(3)
CO4	S(3)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	S(3)	S(3)	S(3)	M(2)
W.AV	2.6	2.6	2.6	2.6	2.4

S-Strong (3), M-Medium (2), L-Low (1)



		Semester - III				
Core 12	Course code: 455 304	International Economics	Т	Credits: 4	Hou	rs: 4
01: 4:	4 70 11	Unit-I				
Objective		detailed understanding about the	e mai	in economic	theori	2S
Theories		ternational trade	7			ا ا
		Trade: Absolute Advantage, Cer – Ohlin Theory – Leontief F				
* *	•	Equalisation Theorem – Comm				
		de Offer Curves – Concepts of				
		r Measurement- Welfare of Indiv				
	n Trade –Dynamic		Iuuai	Countries-3	amueis	on s
Outcomes		will be able to the theories of into	rnot	ional trada		K2
Outcomes	o i i ne students	will be able to the theories of into	Hat	ionai traue		K2 K4
		Unit-II				124
Objective	2 To familiarie	e the issues on foreign exchange				
		nce – Types of Foreign Exchang	e _ I	-Curve Conc	ent - F	lived
		Woods System- Demise of Bretton				
_		n Trade Multiplier – The Reverse		•		-
		ws of Goods and Capital – The Mu		-	_	raac
Outcome		will be able to the gross gains fro			Touci.	K2
Outcome		standar <mark>d, classical and o</mark> rthodox				1112
	unicicitate	Unit-III	ti au	c theories		
Objective	3 To provide e	xposure to the issues on balance of	f nav	yments		
		ce of Payment; Concept and Impor			f Trade	and
		ll Bal <mark>ance of Payments - Equi</mark> libriu				
	•	ce of Payments Adjustment Mecha				
		iging Policy - Recent Trends of				
-	_	Special Reference to India.			,	
Outcome	-	will be able to the problems of ba	alanc	e of paymen	ts	K4
	1	Unit-IV		1 0		
Objective	4 To provide ex	xposure on the trade policies				-
Trade Po		Concept and Case for Free Trad-	e – F	Protection: M	eaning	and
		on – Stolper-Samuelson Theorem			_	
Tariffs, To	erms of Trade and	Domestic Prices - Tariff: Classi	ficati	on, Effects of	of Tari	ffs –
Quota: Ol	ojectives, Types, l	Effects and Reasons for Imposing	g Qu	ota – Dumpi	ing: K	inds,
Effects and	d Essential Conditi	ons for Dumping.				
Outcome	4 The students	will be able to the importance of	fore	ign trade		K2
	•	Unit-V				•
Objective	5 To provide ex	sposure on the economics of region	nal (co-operation		
Regional	Economic Co-Ope	eration and IMF: FDI and MNCs	– Eu	ropean Union	$-\overline{GA'}$	$\overline{\Gamma}\overline{\Gamma}$ –
UNCTAD	- BRICS - QUA	D - SAARC – ASEAN – WTO –	New	International	l Econ	omic
Order – IN	MF – IBRD – IDA	- Asian Development Bank - Ne	w De	evelopment E	Bank - I	Euro
Currency 1	Market- G8 – G20	– G7 – I2U2.				
Outcome	5 The students	will be able to the impact of region	onal	cooperation	on	K5
	the domestic	economy.				

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

			ourse o	attome	V 5 1 1 0 5	i amme v	outcome			
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)
CO2	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)
CO5	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.4	2.6	2.6	2.4	2.6	2.6	2.4	2.4	2.6	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	S(3)	S(3)	S(3)	M(2)
CO3	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	S(3)	M(2)
CO5	S(3)	M(2)	M(2)	M(2)	S(3)
W.AV	2.6	2.4	2.4	2.6	2.6

			Semester – III							
DSE 3		rse code: 55 503	Statistical Analysis (E)	Т	Credits: 4	Hours: 4				
01:	1	Tr	Unit-I			.41 1				
Objectiv			e an in-depth understanding on the v							
			endency and Dispersion: Mean,							
	-		ean, Median and Mode; Measures		•	-				
Outcom			tion, Standard Deviation and Coefficients will be able to understand and ap							
Outcom	I		-	pry u	escriptive and	ı K3				
inferential statistical techniques Unit-II										
Objective 2 To provide exposure on the application of statistical methods in socio-										
economic analysis										
Correla			ion Analysis: Correlation Analysis: S	catter	Diagram Kai	·l Pearson's				
		_	1; Rank Correlation, Spearman's Co		•					
			n in Empirical Works– Regression: I							
			Regression Lines (between two varial							
_	-	_	in Empirical Works.	J105),	regression c	ocincients,				
Outcom			nts will be able to test hypothesis			K4				
Outcom		The stude	Unit-III			127				
Objectiv	ve 3	To provide	e a deeper understanding on the estin	natio	n of correlation	on and				
Objecti			using various data sets	1144101	ii oi coi i ciuci	on unu				
tests (Ba	ns– De asic Co	finition and neepts and	cal and Statistical probability: Events d Properties of Normal, Binomial, Po Simple Problems) – ANOVA, MANO	isson, VA.	Chi- square,	't' and 'F'				
Outcom	ie 3	The studer	nts will <mark>be</mark> ab <mark>le t</mark> o estim <mark>ate</mark> cor <mark>r</mark> elatio	n and	regression	K5				
			Unit-IV							
Objectiv		their usefu		9						
			tion, Four Pr <mark>op</mark> erties of Po <mark>in</mark> t Estimato							
• /		_	ce: Test for Mean Difference (Small ar							
			roportions (for Large Sample Variance	es Nu	ımerical Probl	ems only)–				
			pplications- Goodness of Fit.							
Outcom			its will be able to use excel and SPSS	to ge	nerate results					
		using data				K6				
			Unit-V							
Objectiv			e training to the use of computer soft							
-	_	-	Data Entry and Processing using Ex		_					
			ion into Application- Computing Mo							
		_	xcel – Creating and Modifying Graphs	and o	other Charts –	Computing				
Growth Rate- Correlation and Regression using SPSS.										
Outcom			nts will be able to apply the statistica related works.	l resu	lts for acaden	nic K3				
Suggest										
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			38	-						

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)
W.AV	2.6	2.4	2.6	2.6	2.4	2.4	2.4	2.4	2.4	2.4

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

			willing Spee		
CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	M(2)	S(3)	M(2)
CO2	M(2)	S(3)	S(3)	S(3)	S(3)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	M(2)	S(3)
CO5	S(3)	S(3)	S(3)	S(3)	M(2)
W.AV	2.4	2.6	2.6	2.6	2.6

		Semester - IV								
Core 13	Course code: 455 401	Monetary Economics	T	Credits: 4	Hour	rs: 4				
		Unit-I								
Objective 1		in-depth understanding about t								
		antity Theory of Money – The Cla		•		•				
		Theory – Don Patinkin's Integrat		•						
Analysis – I – Sayer's Th		ry Approach – Gurley and Shaw T	i nesis	– Radellile (Comm	mee				
Outcome 1		vill be able to explain the useful	2055 0	fmajor		K1				
Outcome 1	monetary theo	-	icss u	т шајот		K1 K2				
	Unit-II									
Objective 2	To provide an	exposition about the money supp	nlv ar	d banking th	neories	<u> </u>				
		g: Money Supply Components								
		y – High Powered Money – Riefl								
	• • • • • • • • • • • • • • • • • • • •	- Non–Bank Financial Interme		•						
		netary Transmission - Central								
		mmendations – Autonomy of RBI								
Outcome 2	The students v	vill be able to understand the ma	ain ch	annels of		K2				
	monetary tran	smission mechanism	-			K4				
		Unit-III								
Objective 3		letailed account on theories of in								
		al and Neoclassical Theory of In		_						
		of Rate of Interest – Segmente		•		•				
	ortfolio Behavior	Theory – Expectation Theory (Yield	Curve – Sho	ort-run	and				
Long-run.)	Tl4 J4	-:				IZO				
Outcome 3		vill be able to understand the mo	oney i	narket and	I .	K2 K4				
	capital marke	Unit-IV				<u>N4</u>				
Objective 4	To provide an	explanation about money mark	et and	d canital mai	rket					
		tal Market: Features of Capi				ts –				
		ed and Developed Money Mark								
	*	R, Repo Rate (Repurchase)- C			•					
1		Capital Asset Pricing Model, V	•		-					
		Alpa and Beta Securities - Stoc								
SEBI – Deri	vatives, Hedging,	Swap (Only Concepts).								
Outcome 4	The students v	vill be able to grasp the real effe	cts m	onetary polic	cies	K2				
	on the econom					K3				
		Unit-V								
Objective 5	Objective 5 To provide a details about various core monetary policies and its									
usefulness in real world situation.										
Monetary Policy: Role of Monetary Policy in Developing Economy – Lags in Monetary Policy – Monetary Vs Fiscal Policy, the Great Debate – Inflation – Inflationary Gap –										
_	Stagflation – Philips Curve - Samuelson and Solow Model – Impact of Financial Sector Reforms in India – Efforts to Unearth Block Money.									
	1	,	netar	v nolicy in r	eal	K2.				
Sucomes			tal	, poncy m i						
Outcome 5	The students v	vill be able to use the tools of mo n.	netai	y policy in r		K2 K3				

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)
CO2	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
CO3	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)
CO4	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
W.AV	2.6	2.4	2.6	2.6	2.6	2.6	2.6	2.8	2.8	2.8

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

СО	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	S(3)	S(3)	S(3)
CO2	S(3)	S(3)	S(3)	M(2)	M(2)
CO3	S(3)	M(2)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	M(2)	S(3)	M(2)	S(3)	M(2)
W.AV	2.6	2.8	2.8	2.8	2.6

		Semester - IV									
Core 14	Course code: 455 402	Agricultural Economics	Т	Credits: 4	Hou	ırs: 4					
		Unit-I									
Objective 1	t i i										
0		Development: Nature and Scop									
•		n and its Impact - Sustainable Agr		_		_					
		Agriculture and Industry - Agra	rian (Crisis - Farm	subs	idy -					
	_	Developing Countries.									
Outcome 1		vill be able to the interdependen	ce be	tween		K2					
agriculture and industry K4											
01: 4: 0		Unit-II		•							
Objective 2		tails on the issues relating to the									
		porate Farming: Cropping Patte									
~ ~ ~		and its Determinants - Economic	_		g Patt	ern –					
		GM Crops and its Economics – C				17.1					
Outcome 2		will be able to the key concepts l		• /		K1 K2					
	*	nction analysis, marketable surp	nus a	na marketea	l	KZ					
	surplus	Unit-III									
Objective 3	To familiarica	the changing pattern of inputs	160								
		ductivity: Land and its Utilization		ed and its In	nnorta	nce -					
U		opment – Mechanization and its									
		Trends in Production and Prod									
		are – Farmers' Suicides.		y or oreps	11000						
Outcome 3		vill <mark>be</mark> ab <mark>le t</mark> o the ne <mark>xu</mark> s be <mark>t</mark> ween	priva	ate and publi	ic	K2					
		ion i <mark>n</mark> farm sector		-		K4					
		Unit-IV									
Objective 4	To provide a o	leeper <mark>unde</mark> rstanding on the agr	icultu	ıral finance a	and						
	capital format	ion	7								
		apital Formation: Need for Agri									
•		stitutional and Institutional Source				_					
Reasons and	Impact - Farm C	apital Structure and its Changes -	- Rela	tionship betw	een P	ublic					
and Private I											
Outcome 4	The students v	vill be able to the credit supply a	and in	debtedness		K3 K4					
		Unit-V									
Objective 5	To provide ex	posure to the state of agricultura	al ma	rkets and pri	ices.						
Agricultura	l Markets and P	rices: Characteristics of Primary A	Agricu	ıltural Market	ts in I	ndia -					
		eted Surplus – Marketing Agencie									
		d Instruments of Agricultural Pr									
	CP – Supply Resp	oonse – WTO and Agricultural E	xports	s – Farm Prof	fitabil	ity in					
India.						T					
Outcome 5		will be able to the instrument of	agric	ulture price		K4					
	policy and its	impact.				K5					

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)
CO2	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)
CO3	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)
CO5	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)
W.AV	2.6	2.6	2.6	2.6	2.6	2.6	2.4	2.6	2.6	2.6

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	S(3)	M(2)	S(3)
CO2	M(2)	S(3)	M(2)	S(3)	M(2)
CO3	S(3)	M(2)	S(3)	M(2)	S(3)
CO4	M(2)	S(3)	S(3)	M(2)	M(2)
CO5	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	2.6	2.6	2.6	2.4	2.6

S-Strong (3), M-Medium (2), L-Low (1)



		Semester - IV								
Core 15	Course code: 455 403	Environmental Economics	Т	Credits: 4	Hou	rs: 4				
		Unit-I		1						
Objective 1	To provide an analysis	in-depth understanding on the i	ntric	acies of bene	fit-cos	st				
Introduction	on: Environment –	Eco-system – Nexus between Ec	cology	y and Econor	nics –	The				
Principle o	f Material Balanc	ee - Trade-off between Econon	nic G	rowth and S	Sustain	nable				
Developme	nt – Limits to Gro	owth – Climate Change - Globa	1 Wa	rming – Env	ironme	ental				
	fferent Economic S									
Outcome 1		vill be able to the link between e	conor	nic principle	S	K2				
	and environme									
		Unit-II								
Objective 2		tails on the environmental monit								
		onmental Pollution – Sources and								
	-	Social Cost and Efficiency- Div	_							
	st – Problem of Se	cond Best – Environmental Impa	ict As	ssesment – Co	ost-Be	nem				
Analysis. Outcome 2	The students w	will be able to the usefulness of b	onofi	t aast analysi	ia l	K3				
Outcome 2	The students w	vill be able to the usefulness of b Unit-III	enem	i-cost anaiysi	IS	KS				
Objective 3	To provide evr	oosure to the various methods of	anvi	ronment ave	luatio	n				
		ental Monitoring: Environmen								
		n Permits and Mixed Instruments			_					
		ing Solution and Collective Acti		_						
		n C <mark>o</mark> ntro <mark>l- Mon</mark> itor <mark>ing</mark> an <mark>d</mark> Ent								
Regulations										
Outcome 3	The students w	vill be able to the ways in which	the k	ey concepts a	are	K3				
	used in applied	l polic <mark>y an</mark> alysis	9			K5				
		Unit-IV	/							
Objective 4		the importance of environment								
		Jser Values, Option Values and								
		Observed Market Behaviour; H								
		ls (Travel Cost Method and H								
, ,		n Response to Hypothetical Ma	irkets,	, Contingent	Valua	ation				
	Cost Based Methods		41	J C		1/2				
Outcome 4	environment e	vill be able to how to use various	meti	ious oi		K3 K5				
	environment e	Unit-V				KS				
Objective 5	To provide evr	oosure on the relation between e	conoi	ny and envir	onme	nt				
		Measures: Basic Approaches								
		A Comparison – Distributive Eff								
		 International Environmental Policy – India's Environmental Policy – Law on Environmental Protection and Pollution Control in India. 								
Outcome 5	The students w	vill be able to the impact of climate	ate ch	ange on the		K2				

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)
CO3	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
CO4	S(3)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)
W.AV	2.4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

СО	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	S(3)	S(3)	S(3)
CO2	S(3)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	S(3)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	S(3)	M(2)
CO5	S(3)	M(2)	S(3)	M(2)	S(3)
W.AV	2.6	2.6	2.6	2.6	2.6

List of Elective Courses

DSE 4	ourse code: 455 504	Energy Economics	Т	Credits: 4	Hour	s: 4
		Unit-I				
Objective 1	To provide activity	an in-depth understanding on the i	ole o	f energy in e	conomic	•
Introduction	to Energy	Economics: Natural Resources:	Impo	rtance; Role	of Na	ıtural
Resources in	Economic De	evelopment- Energy Resources: Type	es and	l Classification	n, Prope	erties
		y- Emergence of Energy Economics		Scope and Na	iture; Er	nergy
Indicators – I		nics and its relations with other Brane				
Outcome 1	The student auditing	ts will be able to the importance of	energ	y economics	and	K2
		Unit-II				
Objective 2	To provide	details on the economic methods of	asses	ssing energy	technol	ogies
Elasticity - N	ational and In	: Role of Energy in Economic Deve ternational Comparison – Low, Midd itutions: OPEC, IEA and World Bank	lle and			
Outcome 2	The student	ts will be able to the efficiency and	conse	rvation of en	ergy	K4
		Unit-III				
Objective 3		exposure to the nexus between ene				
		t: Energy crisis: Causes and Conse				
		nuses and Consequences; Impact t – Role of Energy and Environmenta				
Outcome 3	The student developmen	ts will be able to the role of energy in	in eco	nomic		К3
		Unit-IV				
Objective 4	To familiar	ise the pr <mark>oblem</mark> s and is <mark>sues</mark> conceri	ıed w	ith energy		
Meaning, O Importance –	bjectives and Recent Deve	Energy Management: Energy Plar Importance— Energy Manageme Iopments: Energy Auditing, Energy A Management.	nt: N	Meaning, Ob	jectives	and
Outcome 4	The student	ts will be able to the impact of incre	eased	use of energ	y on	K4
	developmer					
		Unit-V				
Objective 5	To provide economics.	exposure on the importance of ener	rgy co	onservation a	nd its	
India's Ene	rgy Profile:	Indian Energy Sector- Organization	nal St	ructure – En	ergy Su	ipply
(Coal, Oil, C	Gas and Powe	r by Hydro, Nuclear, Thermal) – E	nergy	Demand for	Agricul	lture,
		omestic – Renewable Energy Sources				
		ergy Generation under Five Year Pla	ans –	Energy Issue	s and P	olicy
Options for I						
Outcome 5		ts will be able to the key factors to	be co	nsidered in		K3
	evaluating	alternative energy policy options.				K4

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

СО	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	M(2)	S(3)	S(3)						
CO2	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
CO3	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)
CO4	M(2)	M(2)	S(3)							
CO5	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	M(2)
W.AV	2.6	2.6	2.6	2.8	2.8	2.4	2.6	2.6	2.6	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	S(3)	S(3)	S(3)	M(2)
CO3	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	M(2)	M(2)	S(3)	M(2)	M(2)
W.AV	2.4	2.6	2.6	2.6	2.6

DSE 5	Course code: 455 505	Industrial Economics	T	Credits: 4	Hou	ırs: 4
l l	100 000	Unit-I		1		
Objective 1	To provide an	in-depth understanding on the t	he de	evelopment o	f	
ū	industrial econ	•		•		
Role of Inc	dustries in Deve	lopment: Concepts of Industria	ıl Ec	onomics - R	Cation	al of
Industrializa	tion - Need, Imp	ortance and Role of Industries i	n Ec	onomic Deve	elopm	ent -
		d Agriculture Sectors - Industrial			volutio	on of
Industries in	India - Experience	e of Developed and Developing C	ountr	ies.		
Outcome 1	The students w development	vill be able to realize the importa	nce (of industrial		K2
		Unit-II				•
Objective 2	To provide det	ails on the entrepreneurs and in	dusti	ry relationsh	ip	
Entreprener		y: Definition of Industrial En				eurial
Motivation -	- Types, Characte	eristics and Functions - Role of	Entr	epreneurs in	Econ	omic
Developmen	t - Role of Wo	men Entrepreneurs in the Indu	strial	Developmen	nt - 1	Rural
Entrepreneur	rship Developme	ent in India - Institutional	Fina	nce to Ent	repre	neurs
Developmen	t- Problems of Ind	ustrial Entrepreneurs.				
Outcome 2	The students w	vill be able to understand the fac	tors	which influe	nce	K2
	industrial grov					
		Unit-III				
Objective 3		osure to the industrial location				
		nants of Industrial Location: Tech				
		Factors- Theories of Industrial Lo				
		enner's Theory, Rawstron's Prin	_		-	, the
		alander, - Recent trends of Industr			.1a.	TZE
Outcome 3		vill be able to comprehend the no	exus	between the		K5
	location and in	dustrial growth Unit-IV				
Objective 4	To familiaria		anaa			
		the singificance of industrial fin ificance of Finance to Industrial		alonment O	wnad	and
		Development- Role and Type				
		BI, MSFC, ICICI, SFCs, SIDCs, I				
		ustrial Finance in India its Trends			, diiko,	, 0.0.,
Outcome 4	_	vill be able to recognize how indu			ns	K3
		development of industry	-50110		P	
	1	Unit-V				
Objective 5	To provide exp	osure on the issues faced by the	Indi	an Industries	S.	
	· •	Development: Recent Trends in				idia -
		Cotton Textiles, Iron and Steel, Ju				
		nent and Problems of Small - Sca				
		India - Effects of Liberalization of				
India - Role	of MNCs in Indi	ustrial Development- Remedies f	or Si	ck Industries-	Indu	strial
Policy of Inc	lia before and after					
Outcome 5		vill be able to understand the cur	rrent	issues and		K5
	trends in indus	trial development in India.				

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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
CO1	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	
CO2	S(3)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	
CO3	S(3)	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	
CO4	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	
CO5	S(3)	M(2)	S(3)	M(2)							
W.AV	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.4	

Course Outcome VS Programme Specific Outcomes

СО	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	M(2)	M(2)	S(3)
CO2	S(3)	S(3)	M(2)	M(2)	S(3)
CO3	M(2)	S(3)	S(3)	S(3)	M(2)
CO4	S(3)	M(2)	S(3)	S(3)	M(2)
CO5	S(3)	M(2)	S(3)	S(3)	S(3)
W.AV	2.6	2.6	2.6	2.6	2.6

S-Strong (3), M-Medium (2), L-Low (1)



DSE 6 Co	urse code:	Project Planning and	T	Credits: 4	Hou	rs: 4
DSE 0	455 506	Evaluation				
	1	Unit-I				
Objective 1		e an in-depth understanding on t	he basi	c concepts of p	project	t
		and evaluation	- C1			T :0
•	_	ts: Project: Concept, Characteristi			roject	Life
		Sources of Project – Framing the C	•	•		
Outcome 1	The stude	ents will be able to prepare the pr	oject p	roposals		K2
	I 4.3	Unit-II				
Objective 2		e details on the methodology for			_	
•		Methodology – Project Feasibili	•	•		
•		lity, Project Design, Network Feas	•	and Financial	Feasib	ılıty,
•		it Feasibility–Pre-Investment Repo				
Outcome 2	The stude	nts will be able to carry out proje	ect mon	itoring works		K5
011 :	7F. 6. 4	Unit-III				
Objective 3		rise the project monitoring			<u>~ · · · · · · · · · · · · · · · · · · ·</u>	
		odology – Appraisal of Different F		ıty Analysıs –	Criteria	a for
		unted and Un-discounted Techniqu				
Outcome 3		nts will be able to conduct the fea	sibility	study of proj	ects	K5
	using app	ropriate methodology	- 0			
01: 4: 4		Unit-IV	43	11 6 .		
Objective 4	_	e a deepe <mark>r understanding on th</mark> e i	method	lology of proje	ect	
D	appraisal	41 - 1-1 A	1 D.		4	- 41
•	_	thodology – Aspects to be Covered			eraung	g the
Outcome 4		ls – Rate of Disparity and Mileston nts will be able to use the discoun			a 1	K4
Outcome 4		ability of the project	iteu tec	iniques to fin	u	N4
	out the vis	Unit-V				
Objective 5	To provid	e training on evaluating the proje	ects of	all aspects		
		d for Evaluation – Criteria for Eval			ndicate	ore _
		valuating the Worthiness of Project				J13 —
Outcome 5		nts will be able to critically evaluation				K5
Outcome 5		d present a project plan.	ate the	projects or an	` '	110
Suggested R		a present a project plant				
		onomic Analysis of Agricultural Pr	oiects.	The Johns Hon	kins	
University Pr			aj e e i a i	1110 t 0111110 1110p		
•		, J.A. (1974). Project Appraisal and	d Plann	ing for Develor	ping	
		H Publishing Co, New Delhi.		1.69		
		ject Formulation in Developing Co	untries	. South Asia Bo	ooks, N	Vew
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Project. Hind	lustan Publis	hing Corporation, New Delhi.	•	_		
Moder, J.J. &	Philips, C.I	R. (1964). Project Management with	h C.P.M	<i>I and PERT</i> . R	einhold	d
Publishing C	* '					
-		<i>incial Management</i> . Vikas Publishi	_			
	. , ,	ect-Preparation Appraisal Budgetii	ng and	Implementation	n. Tata	Mc
Grow Hill, N	ew Delhi.					
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 $\underline{file:///C:/Users/ADMIN/Downloads/Project\%20Management\%20Skills\%20for\%20All\%20C} \ are ers.pdf$

file:///C:/Users/ADMIN/Downloads/Project%20Management.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)							
CO5	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	2.6	2.8	2.6	2.6	2.8	2.8	2.8	2.6	2.8	2.8

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	M(2)	S(3)	M(2)	S(3)	M(2)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	M(2)	S(3)
CO5	M(2)	M(2)	S(3)	S(3)	M(2)
W.AV	2.6	2.8	2.6	2.8	2.6

DSE 6	Course code: 455 507	Dynamics of Rural Development	T	Credits: 4	Hou	rs: 4			
	100 001	Unit-I		1					
Objective	e 1 To provid	le an overall understanding about	the ru	ral developm	ent				
		d Development: Genesis of Rura				ptual			
	•	Scope, Importance and Indicators		*		•			
	•	ative Structure – Infrastructure –							
	arkets, Urban C			,,		,			
Outcome		ents will be able to gain insights int	o the s	socio-econom	ic	K2			
0 44004440		of rural India		,0010 000110111					
	501 400410	Unit-II							
Objective	e 2 To provid	le an exposure on the theories of ru	ıral de	evelopment					
Theories and Dimension of Poverty: Theories Applicable to Rural Development - Balanced									
		Lewis Theory of Surplus Labour,							
		sh Effect Theory – Poverty: Concep							
•	•	Consequences of Poverty – Trends a							
Outcome		ents will be able to understand the			lems	K2			
0 0.000		evelopment programmes	P~P	P					
	1 01 1 01 01	Unit-III							
Objective	2 To provid	le a detailed account on the dimens	sions o	f rural nover	tv				
		ogrammes: Integrated Rural Dev				DP).			
	-	- Swarnajayanti Gram Swarozgar	-	_	,	, .			
		(SGRY) – Rural Housing Schemes							
		mployment Guarantee Programme							
		IOAPS, NMBS, NFBS.	(11101)	regor) rud	ionar s	Colui			
Outcome		ents will be able to familiar with th	e role	of non-		K3			
outcome		ental org <mark>an</mark> izations in rural develop							
	governme	Unit-IV	Jinene	N.					
Objective	e 4 To provid	e a comprehensive understanding	about	various rual					
o Sjeetz (ent program <mark>me</mark> s		, 442 10 410 1 4441					
Voluntar		n as Change Agent in Rural De	veloni	ment: VOs v	s. NG	Os –			
		of development oriented NGOs –							
		of NGOs in Rural Development - P							
Outcome		ents will be able to understand the				K3			
0 0.000		ants of rural poverty comprehensi							
		Unit-V	· - J						
Objective	e 5 To provid	le an in-depth understanding on th	e deve	elopment scer	arios	of			
o Sjeetz i		nomy with a special focus on India		oropinone see		-			
Participa		ent: Significance, Concept and Me		- Approaches	to Pec	ple's			
		Leading Vs. Demand Driven A							
		o Promote People's Participation – S							
	in Rural Develo			- ··I - · · · · · ·	, -	. J F			
Outcome		ents will be able to recognise the in	porta	nce of volunts	arv	K2			
2		ions and participatory approach in	_		•				
Suggeste	d Readings	apprount							
	_	arious issues). Five Year Plans. Plan	ning (Commission of	India.	New			
Delhi.	(* *		5			• • • •			
	M.L. (2016). <i>Ed</i>	conomics of Development and Plan	ning. \	Vrinda Publica	ations	New			
Delhi.	()	J - F	0		,				

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<u>file:///C:/Users/ADMIN/Downloads/Migration,%20Agriculture%20and%20Rural%20Development.pdf</u>

file:///C:/Users/ADMIN/Downloads/1588557848-elgar-original-reference-gary-paul-green-gary-paul-green-handbook-of-rural-development-2014-edward-elgar-pub.pdf

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)
CO2	M(2)	S(3)								
CO3	S(3)	S(3)	M(2)	S(3)						
CO4	S(3)	M(2)	S(3)							
CO5	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	S(3)	S(3)	S(3)
CO2	M(2)	M(2)	S(3)	S(3)	S(3)
CO3	S(3)	M(2)	S(3)	M(2)	M(2)
CO4	S(3)	S(3)	M(2)	S(3)	S(3)
CO5	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	2.8	2.6	2.6	2.8	2.8

			Semester – II				
NME 1	C	ourse code:	Economics for Competitive Examinations	T	Credits: 2	Hou	rs: 3
'			Unit-I				
Objective	e 1	To provide	an in-depth understanding on the	stru	cture of the l	Indian	
		economy					
			Economy: Indian Economy Since				
			National Income - VKRV Rao				
			National Income in India – Sectora				
-			1950s - Economic Development	and	Demographic	Chang	ges –
			Birth Rate – 3 Stages.				
Outcome	e 1		nts will be able to develop strong co	ncep	tual knowled	lge	K2
		on the Indi	ian economy				
014		T	Unit-II				
Objective			e details on the history of economic			***	
			licy Objectives of Planning- Type				
_			w and assessment of New Econom	11C F	olicy and Li	beraliza	ation,
		and Globaliz					170
Outcome	2		its will be able to understand the va	ariou	is sectors of t	the	K2
		economy					
α		T	San aga Unit-III psyry		14		
Objective	e 3	_	e a detailed understanding about th	e ro	le of agricult	ural an	d
ŭ		industrial	e a detailed understanding about th sectors in t <mark>he</mark> economy		9		
Agricultu	ure	industrial and Industr	e a detailed understanding about the sectors in the economy ial Development: Agricultural Dev	elop	ment since 12	2 th cent	ury -
Agricultu under Fiv	ure ve	industrial and Industry Year Plans-	e a detailed understanding about the sectors in the economy ial Development: Agricultural Dev Structural Change- Impact of New	elop v Ec	ment since 12	2 th cent cy (199	ury -
Agricultu under Fiv Industrial	ure ve	industrial: and Industr Year Plans- evelopment U	e a detailed understanding about the sectors in the economy ial Development: Agricultural Dev	elop v Ec	ment since 12	2 th cent cy (199	ury -
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K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

						,				
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)	S(3)	M(2)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)
W.AV	2.6	2.4	2.2	3.0	2.6	2.2	2.8	2.0	2.0	2.0

S-Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	S(3)	M(2)	S(3)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	S(3)	M(2)	S(3)	M(2)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.4	2.4	2.0	2.8

			Semester – III						
	Cor	ırse code:	Statistics for Decision						
NME 2		155 702	Making	T	Credits: 2	Hours: 3			
		133 102	Unit-I						
Objectiv	<u>a 1</u>	To provide	e an in-depth understanding or	ı the	various statio	etical			
•		methods	•						
			endency: Application of Mea						
	_		n, Mode, Geometric Mean, Ha		ic Mean and	l Weighte			
Averages – Its Usefulness in Research and Decision Making.									
Outcome	e 1		its will be able to understand a	ınd aj	pply descript				
		and infere	ntial statistical techniques			K.			
			Unit-II						
Objectiv	e 2	To provide research	e exposure to the application of	f stati	stical metho	ds in			
Measure	s of	Dispersion:	Use of Measures of Dispersion	on– C	Computing Ra	inge, Mea			
			ation, Standard Deviation and						
Significa	nce o	f Dispersion	in Decision Making.						
Outcome	e 2	The studer	its will be able to test hypothes	sis		K4			
			Unit-III	7					
Objectiv	e 3	To provide	an understanding of the testing	ng of	hypothesis				
Probabil	ity:	Meaning of	Probability - Binomial, Poisso	n, Ch	i-square, 't' a	nd 'F' test			
for Small	and	Large Samp	les – Usefulness of these Measu	res in	Research.				
Outcome	e 3	The studer	its will <mark>be able to estimate</mark> cori	elatio	on and regre	ssion K5			
			Unit-IV						
Objectiv	e 4	To provide	e training on the estimation of	corre	lation and re	gression			
Correlat	ion:	Correlation	Analysis – Types of Correlat	ion –	Interpretatio	n of 'r' i			
analysis -	– App	olication of C	Correl <mark>at</mark> ion i <mark>n Empirical</mark> Wo <mark>rk</mark> s a	and in	Decision Ma	king.			
Outcome	e 4	The studer	its will <mark>be</mark> able t <mark>o u</mark> se me <mark>asu</mark> res	s of ce	<mark>entr</mark> al tenden	cy K3			
		and disper	sion in <mark>rese</mark> arch	13		K ²			
			Unit-V	3					
Objectiv	e 5	To provide usefulness	e adequate kn <mark>owledg</mark> e on the p	robal	oility theorie	s and thei			
Regressi	on A	nalysis: Me	thods of Estimation of Regression	n Co	efficient – Sir	nple Linea			
			ole Linear Regression Model -						
			Computing different Growth Rate		•	C			
Outcome	e 5	The studer	its will be able to draw inferen	ces fr	om the resul	ts K5			
		estimated	using statistical techniques.						
Suggeste	d Rea	adings				·			
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New Del		Torter, D.C	., & Tai, W. (2017). Busic Leon	iomei	ries. Tata ivi	Olaw IIII			
		(2005) An	Introduction to Statistical Met	hods	Vikas Publi	shers. Nev			
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	S.C.	& Kapoor.	V.K. (2020). Fundamentals	of I	Mathematical	Statistics			
			se, Bombay.	5					
-		-	ical Methods. S. Chand & Comp	any, l	New Delhi.				
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 $\frac{https://www.spps.org/cms/lib/MN01910242/Centricity/Domain/859/Statistics\%20Textbook.pdf}{}$

K1-Remember, K2-Understand, K3-Apply K4-Analyze, K5-Evaluate, K6- Create

Course Designed by: Dr.A.Narayanamoorthy

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)
CO2	M(2)	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)
CO3	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
CO5	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)
W.AV	2.4	2.6	2.4	2.4	2.6	2.6	2.6	2.4	2.6	2.6

S-Strong (3), M-Medium (2), L-Low (1)

Course OutcomeVS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M(2)	S(3)	S(3)	S(3)	S(3)
CO2	S(3)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	S(3)	M(2)	S(3)	S(3)	S(3)
CO5	M(2)	S(3)	S(3)	M(2)	M(2)
W.AV	2.4	2.6	2.6	2.6	2.6



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