

M. Phil.
ECONOMICS
SYLLABUS - 2018



St. JOSEPH'S COLLEGE (Autonomous)

Special Heritage Status Awarded by UGC
Accredited at 'A' Grade (3rd cycle) by NAAC
College with Potential for Excellence Conferred by UGC

DBT-STAR & DST-FIST Sponsored College

TIRUCHIRAPPALLI - 620 002, INDIA

GUIDELINES FORM.PHIL.PROGRAMME

1. Duration

The programme runs for one year of two semesters. The Semester- I is from August to February and the Semester- II runs from March to August, of the following year.

2. Course Work

Semester-I			Semester-II		
Course	Title	Cr	Course	Title	Cr
C1	Professional Skills for Teaching - Learning	4	C5	Dissertation (Topic selected should be relevant to the topic of the Guide Paper)	8
C2	Research Methodology	4			
C3	Core Course	4			
C4	Guide Paper	4			
Total		16	Total		8

- A) Each Course should contain 5 units, covering the subject requirements of the courses offered. **Marks for CIA and SE are in the ratio 25: 75.**

CIA & SE	Tentatively on
Mid Semester Test	December 2 nd week
End Semester Test	February 2 nd week
Semester Examinations	February 4 th week

A candidate shall be declared to have passed Course I, II, III and IV, if he / she secures not less than 40% of the marks in both CIA and the University Examination and 50% of the marks in the aggregate (i.e. continuous internal assessment and the written Examination taken together.

- B) In course C1 on ‘**Professional Skills for Teaching– Learning**’ the first three units are common to all the Departments of the College. The first three unit titles are **Soft Skills, E-teaching, E-learning, Elements of Technology of Teaching and Learning**. The remaining two units are department specific to make use of the above mentioned skills & techniques to teach the Core Course.

The C1 Course is (to be) designed to explore the various Teaching – Learning – Research Skills to be imbibed / cultivated to make the research

scholars to be fit for the profession they are likely to acquire in the Education Sector.

Departments will be permitted to offer either paper 2 or paper 3 as Open Online Course to the M.Phil. students. The evaluation method will be the same for both C2 and C3 Courses.

C) Evaluation:

C.1:

For CIA and SE there will be a 2 hour test only from the first THREE units. The CIA components are Mid Semester Test (35), End Semester Test(35) and Assignment (15) and Practical Component(15). The total mark 100 will be converted into **25** marks.

C.2, C.3 & C.4:

The CIA components for C-2, C-3 and C-4 are Mid Semester Test (25), End Semester Test (25), Seminar (30), Objective Type test /Assignment (20). *(The marks of Mid semester test (75), End semester test (75) will be converted into 25 each.)*

The total mark 100 will be converted into 25 marks. The tests and Semester Examination are centrally conducted by COE for 3 hours.

- Question papers for C1, C2 & C3 are set by External Examiners.
- Question paper for C4 will be set and valued by the Research Advisor only.
- The evaluation method will be the same for both C2 and C3 Courses.

3. Credits

	Courses	Title		Contact hours	Library hours	Total hours	Credit	CIA marks	SE marks	Total marks
Semester-I	C1	Professional Skills for Teaching-Learning	T	3	2	5	3	25	50	100
			P	2	2	4	1			
	C2	Research Methodology		5	4	9	4	25	75	100
	C3	Core Paper		5	5	10	4	25	75	100
	C4	Guide Paper		5	5	10	4	25	75	100
Total				20	18	38	16	100	300	400

Semester-II	C5	Internal	Cr	Mk	External	Cr	Mk
		Seminar & Review of Related Literature	1	15	Dissertation Evaluation	6	75
		Mid-term Review Presentation	1	15	Viva-voce	2	25
		Dissertation Work	4	50			
		Publication of Research Articles	1	10			
		Viva-voce	1	10			
Total		8	100		8	100	

4. Question Pattern

Course	Mid & End Semester Tests		
SCIENCE			
C1	Section A: Short Answers Section B: Either/Or - Essay Type	7/9 3	7×2 = 14 3×7 = 21
C2	Section A: Short Answers Section B: Either/Or - Essay Type	10 5	10×3 = 30 5×9 = 45
C3	Section A: Short Answers Section B: Either/Or - Essay Type	10 5	10×3 = 30 5×9 = 45
C4	Open Choice: Comprehensive Type	5/8	5×15 = 75
ARTS			
C1	Section A: Short Answers Section B: Either/Or - Essay Type	7/9 3	7×2 = 14 3×7 = 21
C2	Open Choice: Comprehensive Type	5/8	5×15 = 75
C3	Open Choice: Comprehensive Type	5/8	5×15 = 75
C4	Open Choice: Comprehensive Type	5/8	5×15 = 75

Course	Semester Examination		
SCIENCE			
C1	Section A: Short Answers Section B: Either/Or - Essay Type	7/9 3	7×2 = 14 3×12 = 36
C2	Section A: Short Answers Section B: Either/Or - Essay Type	10 5	10×3 = 30 5×9 = 45
C3	Section A: Short Answers Section B: Either/Or - Essay Type	10 5	10×3 = 30 5×9 = 45
C4	Open Choice: Comprehensive Type	5/8	5×15 = 75
ARTS			
C1	Section A: Short Answers Section B: Either/Or - Essay Type	7/9 3	7×2 = 14 3×12 = 36
C2	Open Choice: Comprehensive Type	5/8	5×15 = 75
C3	Open Choice: Comprehensive Type	5/8	5×15 = 75
C4	Open Choice: Comprehensive Type	5/8	5×15 = 75

5. Dissertation

For carrying out the dissertation, it is mandatory to strictly adhering to the rules of the college as given below:

5.1 Requirement

Every student is expected to give two seminars one concerning Review of Related Literature within the four weeks from the beginning of the second semester and the other on Data Analysis/Result/Mid Term Review just before the submission of the final draft of the dissertation

5.2 Submission

Candidates shall submit the Dissertations to the Controller of Examinations **not earlier than five months but within six months** from the date of the start of the Semester –II. The above said time limit shall start from the 1st of the month which follows the month in which Semester - I examinations are conducted. If a candidate is not able to submit his/her Dissertation within the period stated above, he/she shall be given an extension time of **four** months in the first instance and another **four** months in the second instance with penalty fees. If a candidate does not submit his/her Dissertation even after the two extensions, his/her registration shall be treated as cancelled and he/she has to re-register

for the course subject to the discretion of the Principal. However the candidate need not write once again the theory papers if he/she has already passed these papers.

At the time of Submission of Dissertation, the guide concerned should forward the marks to the CoE through HOD in a sealed cover

5.3 Publications

All the M.Phil. Scholars should publish atleast one Research article in the reputed Journals before the submission of their dissertation. Publication of research article will be considered as CIA component. According to the type of Journals marks will be distributed to each article as follows.

UGC approved Journals	-	10 marks
Other Journals with ISSN number	-	8 marks
ReTeLL or Seminar /Conference Proceedings	-	6 marks

5.4 Requirement

For the valuation of dissertation it is mandatory to have passed in all the four courses. One external examiner and the Research Adviser shall value the Dissertation. The external examiner should be selected only from outside the college and shall be within the colleges affiliated to Bharathidasan University. In case of non-availability, the panel can include examiners from the other university/colleges in Tamil Nadu. The external examiner shall be selected from a panel of 3 experts suggested by the Research Adviser. However, the Controller of Examination may ask for another panel if he deems it necessary. Both the internal and external examiner will evaluate the Dissertation and allot the marks separately. However the *viva-voce* will be done by both of them. The average marks will be considered.

5.5 Curbing Plagiarism

According to The draft of University Grants Commission (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Education Institutions) Regulations, 2017. Before submitting the thesis every students should submit the draft and get the certificate from the college library which will be issued after the verification of plagiarism. The certificate should be enclosed along with the thesis.

Plagiarism would be quantified into following levels in ascending order of severity for the purpose of its definition:

Level-0: Similarities upto 10% Excluded

Level-1: Similarities above 10% to 40%

Level-2: Similarities above 40% to 60%

Level-3: Similarities above 60%

Penalties for Students Plagiarism Disciplinary Authority (PDA) of the HEI, based on recommendations of the Academic Misconduct Panel (AMP), shall impose penalty considering the severity of the Plagiarism.

- i. Level 0: Similarities upto 10% - Minor Similarities, no penalty.
- ii. Level 1: Similarities above 10% to 40% - Such student shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.
- iii. Level 2: Similarities above 40% to 60% - Such student shall be debarred from submitting a revised script for a period of one year.
- iv. Level 3: Similarities above 60% -Such student registration for that programme shall be cancelled.

5.6 Viva-Voce

An open Viva-Voce examination shall be conducted by both the external examiner and the supervisor **and shall be attended by members of Department Research Committee members, all faculty members of the departments, other research scholars and other interested experts / researchers** and evaluated jointly by the Examiner and the Supervisor. The valuation of M.Phil. Dissertations and the viva-voce examination shall be carried out on the same day at the place of the Research Supervisor (viva is to be conducted only if the student passes in the valuation of the dissertation). The mark should be sent to the Controller of Examinations by the Research supervisor. A candidate shall be declared to have passed Part-II Examination if he secures not less than **55%** of the marks both in internal and external.

6. Classification of Final Results

- i. The classification of final results shall be based on the CGPA, as indicated in Table 2.
- ii. For the purpose of Classification of Final Results, the candidates who earn the CGPA 9.00 and above shall be declared to have qualified for the Degree as “Outstanding”. Similarly, the candidates who earn the CGPA between 8.00 and 8.99, 7.00 and 7.99, 6.00 and 6.99, and 5.00 and 5.99 shall be declared to have qualified for their Degree in the respective Programmes as “Excellent”, “Very Good”, “Good”, and “Above Average” respectively..
- iii. Absence from an examination shall not be taken as an attempt.

Table-1: Grading of the Courses

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

Table-2: Final Result

CGPA	Corresponding Grade	Classification of Final Results
9.00 and above	O	Outstanding
8.00 to 8.99	A+	Excellent
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.00 to 5.99	B	Above Average
Below 5.00	RA	Re-Appearence

- 6.1 Credit based weighted Mark System is to be adopted for individual semesters and cumulative semesters in the column 'Marks Secured' (for 100).
- 6.2 Candidates who have failed in the courses may take the supplementary exams conducted by the CoE immediately. Even then, if they could not complete the course(s), they will be given two more chances only to appear for those courses along with the next batch scholars. The maximum duration for the completion of the M.Phil. Programme is 2 Years.
7. **Attendance:** Daily attendance for 90 working days should be enforced for the students. Periodical report of a student to the guide concerned should be recorded in the register kept by the guide.
8. **The Scholar must obtain 80% of attendance per semester in order to appear for the Semester Examinations/Viva-Voce.**

M. Phil. ECONOMICS**Programme outcomes (POs)**

1. Scholars are to be adopted with a new paradigm of self-learning in the form of review of earlier knowledge acquired.
2. Scholars are brought to light from the previous investigation completed to the newer thrusts of knowledge and implementation in research.
3. Scholars are trained to design, implement and evaluate secured information (hard and soft) systems with assured quality and efficiency.
4. Scholars are to be oriented towards becoming globally competent.

Programme Specific Outcomes (PSOs)

1. To appreciate the importance of the subject Economics.
2. To study the various terms and concepts in Economics.
3. To study various principles and theories in Economics.
4. To evaluate the programmes and policies of both Central and State the Governments.
5. To study various current economic issues and problems to identify solution.
6. To study the quantitative techniques and its applications in Economics.
7. To study research methodology in Economics to undertake research.
8. To study the global economic issues like Globalization, Privatization and Liberalization.

Course Pattern

Sem.	Code	Title of the paper
I	18MEC101	Course-1: Professional Skills for Teaching-Learning
	18MEC102	Course-2: Research Methodology (OOC)
	18MEC103	Course-3: New Frontiers in Economics
	18MEC104A	Course-4: Industrial Economics
	18MEC104B	Course-4: Agricultural Economics
	18MEC104C	Course-4: Development Economics
	18MEC104D	Course-4: Economics of Social Sector
	18MEC104E	Course-4: International Economics
	18MEC104F	Course-4: Economics of Marketing
II	18MEC205	Course-5: Dissertation

18MEC101

PROFESSIONAL SKILLS FOR TEACHING-LEARNING

Course Outcomes:

1. To impart knowledge on different dimensions of soft skill and to empower scholars with soft skills.
2. To enhance the understanding of teaching and learning dynamics
3. To facilitate e-learning/ e-teaching with the ICT tools.
4. To impart skills on the preparation of teaching content.
5. To give an experience of teaching and evaluation in a classroom context.
6. To impart the knowledge on presentation and evaluation of teaching

Unit-I: SOFT SKILLS

- a) Introduction to Soft Skills, Soft Skills Vs Hard Skills, types of Soft Skills.
- b) Communication Skills- Basics in communication, structure of Written and oral Sentences- Verbal – Non- Verbal, Body language, JOHARI Window, Intrapersonal and Interpersonal communication , Activities in Effective communication
- c) Behavioral skills- Leadership Skills -Time Management, Creativity and Lateral thinking.
- d) Interview Skills – Resume Writing – Different types of Interview- Etiquettes in interviews, Mock Interviews
- e) Team building and Group discussion- Progressive stages of Team Building, Parameters of GD (special reference to attending , listening , responding skills) Mock GDs.

Unit-II: TECHNIQUES AND DYNAMICS OF TEACHING- LEARNING

- a) Emerging trends in Educational psychology – Meaning, Scope and Methods
- b) Learning – Different theories of learning – Approaches to learning (Classical conditioning- Ivan Pavlov ; Operant conditioning –B.F Skinner); kinds of learning – factors affecting learning
- c) Motivation: Intrinsic and extrinsic motivation – development of Memory and intelligence.

Unit-III: e-LEARNING AND e-TEACHING

An Overview of Microsoft Office- 2007: MS Word-2007 - MS Excel-2007- MS powerpoint-2007 - Concepts in e-Resources and e-Design: World Wide Web concepts - Making use of Web Resources - Web Site creation Concepts – Creating Web pages by using Web Editors - Creating Web Graphics - Creating Web Audio Files.

Unit-IV: PLANNING AND METHODS OF TEACHING

Choosing the topic in Economics – lesson planning – content of teaching – methodology of teaching – lecture with discussion – panel discussion – brain storming – video tapes – class discussion – small group discussion – case study – role play – identifying the sources for further reading – preparation of questions for evaluation.

Unit-V: PRESENTATION AND EVALUATION OF TEACHING

Time Management – motivational and inspirational aspect- application of teaching aids - effective use of black board – student centric teaching – feed back of the students – students own perception of their learning – evaluation and use of questions for evaluation.

References:

Unit-I

1. JASS (2013). Winners in the Making Introduction to Soft Skills. St. Josephs College, Trichy.
2. Murphy, Raymond (1998) Essential English Grammar, 2nd Cambridge University Press.
3. Trishna (2004) Knowledge System How to do well in GDs and Interviews Reprographic and Printing services, Secunderabad.

Unit-II

1. Covey, Stephen (2004) 7 Habits of Highly effective people, Free Press.
2. Driscoll, M.P.(1994) Psychology of Learning for Instruction. Needham, MA: Allyn & Bacon.
3. Gardner, Howard (1983) Frames of Mind: The theory of multiple intelligences, New York: Basic books.

Unit-III

1. Joyce Cox, Curtis Frye, etc., (2007) “Step by 2007 Microsoft Office System” Prentice Hall of India Private Ltd. New Delhi.
2. Margaret Levine Young, Internet: “The Complete Reference”, Tata McGraw-Hall Publishing Company Limited, New Delhi, 2007, Chapters: 18, 25-30.

Unit-IV

1. Prof. G. Ravindaran, Dr. S.P.B. Elango and Dr. L. Arockiam: “Success through soft skills”.
2. Dr. A. Alex (2009): “Soft Skills”, S. Chand publications, New Delhi.
3. Tara Chand, “Educational psychology”, Unmal Publication 2008 edition, New Delhi.

- Mahesh Kumar: “Modern technology of educational psychology”, Unmal Publication 2008 edition, New Delhi.

Unit-V

- Bhawna Misra: “Educational psychology”, Mohit Publication 2008 edition, New Delhi.
- Lindaren Henry: “Educational psychology in class room”, Asia publishing Home, 2007 edition, New Delhi.
- Holt Richard: “Psychology of class room learning”
- Loaurillard.D: “Rethinking university teaching – a framework for the effective use of educational technology”, (1993), London, Routledge.
- Grown Bach, J snow RE (1977) “Aptitudes and Instructional methods - a hand book for Research on Interaction”- Irvington, New York.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Code 18MEEC101	Title of the Paper										Hours	Credits		
		PROFESSIONAL SKILLS FOR TEACHING-LEARNING												Mean Score of COs	
		Programme Specific Outcomes (PSOs)													
Course Outcomes (COs)	Programme Specific Outcomes (PSOs)										Overall Mean Score for COs	3.53			
CO1	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6			PSO7	PSO8	
	3	3	4	3	4	3	4	5	3	4			4	4	3.67
	3	2	3	3	5	4	3	4	3	4			4	3	3.42
	4	4	3	4	3	4	4	3	2	4			4	3	3.50
	3	4	3	4	4	4	5	2	4	3			4	4	3.67
	3	3	3	4	3	4	4	5	3	3			4	4	3.58
	3	4	3	3	4	4	2	4	3	3	3	4	3.33		

Result: The Score for this Course is 3.5 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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RESEARCH METHODOLOGY
(Open Online Course)

Course Outcomes:

1. To provide comprehensive knowledge for pursuing research
2. To be able to develop review of related literature and research methodology based on the selected topic.
3. To understand the procedure for testing of hypotheses
4. To know the sample design and to develop the skills for sampling and sampling techniques used to collect data
5. To expose them to the application of various mathematical techniques in their research.
6. To provide the mechanics and techniques of Report writing and Thesis writing.

Unit-I:

Meaning and Scope of social science Research- Objectives of research- Relationship between theory and facts- Types of Research- Scientific Method- Historical Method- Survey Method- Case Study and Experimental Method – Objectivity in Social Science Research.

Unit-II:

Research process- selection and Formulation of Research problems- Sampling Design – Research Design - Review of literature.

Unit-III:

Formulation of Hypothesis – Testing of Hypothesis – Scaling techniques- Analysis and Interpretation- Report writing- Types- Layout of the Research Report.

Unit-IV:

Probability distribution-Binomial- Poisson-Normal distributions-Parametric tests- t-test, F-test, chi-square test, Z-test - Non-parametric tests - The one sample Run test- The Krushkal Wallis test

Unit-V:

Econometric model- Multiple correlation and Regression models – OLS models - OLS estimators - Properties - Autocorrelation - Multicollinearity- Heteroscedasticity - Dummy variable - Errors in measurement.

References:

1. Young Pauline V.(1960) “ Scientific social surveys and Research” Indian edition, Prentice Hall, New Delhi.
2. Popper K. (1961) “The Logic of scientific Discovery “ Wiley eastern, New Delhi.

3. Good W.J. and Hat Paul. K (1980), Methods and Techniques” S.Chand and Co. Ltd, New Delhi.
4. Damodar N. Gujarati (1995) “Basic Econometrics” Mc Graw Hill International Editions, New Delhi.
5. Singh Parashar Singh (1984) “Econometrics and Mathe matical Economics”, S. Chand and Co. Ltd., New Delhi.
6. Johnston J. (1984) Econometric methods 3rd Edition, Mc-Graw Hill International Editions, New Delhi.

Open Online Course (OOC)

References

<http://www.sjctni.edu/Department/ECO/OOC/ooc.jsp>

For Units:

<http://www.sjctni.edu/Department/ECO/OOC/unit1.jsp>

<http://www.sjctni.edu/Department/ECO/OOC/unit2.jsp>

<http://www.sjctni.edu/Department/ECO/OOC/unit3.jsp>

<http://www.sjctni.edu/Department/ECO/OOC/unit4.jsp>

<http://www.sjctni.edu/Department/ECO/OOC/unit5.jsp>

S. No.	Topics	Type of Contents	Location
Unit-I: Types of Research			
1.	Types of Research	PPT	http://www.slideshare.net/vaisalik/types-of-research http://www.slideshare.net/itsvineeth209/rm-1-intro-types-research-process http://www.slideshare.net/ManojKumar728/presentation-on-types-of-research http://www.slideshare.net/jisilver1960/module-1-scientific-method-ppt-2897616 http://www.slideshare.net/mrmularel1a/scientific-method-95777?related=1
3.	Historical Method	PPT	http://www.slideshare.net/flaydin/13-questions-in-historical-research-method-oral-history
4.	Survey Method	PPT	http://www.slideshare.net/manukumarkm/historical-method-in-research http://www.slideshare.net/sanjayasahoo902/surveys-in-research-methodology
5.	Experimental Method	PPT	http://www.slideshare.net/jtneill/introduction-to-survey-research
6.	Case Study Method		http://www.slideshare.net/sazzadkarim2/experimental-38497054 http://www.slideshare.net/KishoreRaveendam/case-study-method-27515771 http://www.slideshare.net/poojanarayan/what-is-a-case-study?related=1
Unit-II: Sampling and Research Design			
1.	Sampling Design	Video & PPT	https://www.youtube.com/watch?v=be9e-Q-jC-0 https://www.youtube.com/watch?v=2X6qD3x5wQQ https://www.youtube.com/watch?v=Q_-Bts76TtH http://www.slideshare.net/apiong/sampling-design
2.	Research Design	Video & PPT	https://www.youtube.com/watch?v=H2v9Xh2IQV8 https://www.youtube.com/watch?v=I2hpBMIINO8 http://www.slideshare.net/gaurav22/research-design

S. No.	Topics	Type of Contents	Location
Unit-III: Types and Layout of Report Writing			
1.	Types of Report	PPT	http://www.slideshare.net/engCETL/technical-report-writing-handout?qid=0ab00ef3-e437-46d1-86ea-eccl31c8c8da&v=qf1&b=&from_search=4
2.	Report Writing	Video & PPT	https://www.youtube.com/watch?v=emrdVazBN8 https://www.youtube.com/watch?v=AFGNKJruxdg http://www.slideshare.net/akshayvirkar/repot-writing-ppt-13074062?related=1 http://www.slideshare.net/Vishalchd11/research-report-15807153 http://www.slideshare.net/meghana353/research-report-writing?related=1
Unit-IV: Non-parametric Tests			
1.	Non-Parametric Tests	Video & PPT	https://www.youtube.com/watch?v=frGwZJdOa74 https://www.youtube.com/watch?v=RpaUiy8AbTI http://www.slideshare.net/kompellark/t12-nonparametric-tests?qid=941c34e5-7437-40eb-805d-5563443a7580&v=default&b=&from_search=7 http://www.slideshare.net/cutehellam/nonparametric-tests-29634320
Unit-V: Econometrics			
1.	Regression	Video & PPT	https://www.youtube.com/watch?v=zPG4njKcJc https://www.youtube.com/watch?v=KADYIV95Bd0 http://www.slideshare.net/oxygen024/regression-analysis-8672920 http://www.slideshare.net/bijuhari/regression-analysis-41279163 http://www.slideshare.net/nadiazaheer/regression-analysis-13025624 http://www2.gsu.edu/~dsaaas/pptdsc/regresstion.ppt

S. No.	Topics	Type of Contents	Location
Unit-V: Econometrics			
2.	Multicollinearity	Video & PPT	https://www.youtube.com/watch?v=Ybzc3AB1E-E https://www.youtube.com/watch?v=Z_03ZPvM1fM http://www.slideshare.net/21_venkat/multicollinearity-causes-effects-detection-and-redemption http://www.slideshare.net/pawankawan/multicollinearity
3.	Dummy Variables	Video & PPT	https://www.youtube.com/watch?v=s7EyQwJahgw https://www.youtube.com/watch?v=4YoX3gn23XQ http://www.slideshare.net/100002907643874/dummy-variables-48813077 http://www.slideshare.net/fricozis/dummy-variables-45369664cob.jnu.edu/doctypej/doylejm/cc38docs/chapter9_s07.ppt https://www.youtube.com/watch?v=M_5SLG7sUa0&list=PLwJRxp3blEvZyQBTTOMFRP_TDaSdly3gU
4.	Econometric Techniques	Video	

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S. No.	Topics	Type of Contents	Location
General Lectures			
1.	Research Methodology	Video & PPT	https://www.youtube.com/watch?v=9lscf_irU https://www.youtube.com/watch?v=pwxtI-jjKQD http://www.slideshare.net/sh_neha252/research-methodology-4821125 http://www.slideshare.net/mssridhar/introduction-to-research-methodology-presentation http://www.slideshare.net/anilkumarkhadka/research-methodology-notes?related=1

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Course Outcomes (COs)	Code 18MEEC102	Title of the Paper										Hours	Credits		
			RESEARCH METHODOLOGY (Open Online Course)												Mean Score of COs	
			Programme Specific Outcomes (PSOs)													
			PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	4	3	4	3	4	3	4	3	4	3	4	4	4	4		3.67
CO2	4	3	3	4	4	5	4	4	3	4	3	5	4	3		3.75
CO3	4	4	4	4	4	3	4	4	3	4	4	4	3	3		3.67
CO4	3	4	3	3	3	4	4	4	5	4	5	4	3	4		3.83
CO5	4	3	4	5	4	4	3	4	5	4	3	4	4	4		3.92
CO6	3	4	3	4	4	4	4	4	3	3	3	3	4	5		3.58
Overall Mean Score for COs																3.74

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Result: The Score for this Course is 3.7 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation Quality	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
	Very poor	Poor	Moderate	High	Very High
	1	2	3	4	5

Values Scaling:

Mean Score of COs =	Total of Values	Mean Overall Score for COs =	Total of Mean Scores
	Total No. of POs & PSOs		Total No. of COs

18MEC103

NEW FRONTIERS IN ECONOMICS

Course Outcomes

1. To teach the students the recent developments in Utility Analysis and Information Economics.
2. To make them aware of the emerging theories in Economics
3. Make the students to understand the recent development in international relations
4. To provide knowledge on new measurements and means to achieve the development
5. To impart knowledge on Environmental impact on Economic Development
6. To enable the students to know the details of Environmental policies that promotes sustainable Economic Development.

Part-A Theoretical Issues

Unit-I

N.M. Utility Analysis: Lancaster's Approach - Hirschleifer's analysis of Uncertainty Asymmetric Information- Principal Agent Problems-Case Studies.

Unit-II

Buchanan's Public Choice Approach- Stiglitz Private Use of Public Interest- Neo- Classical: Rational Expectations - Sen.'s Approach to Welfare.

Part-B: Development Policy Issues.....

Unit-III

India in the Emerging World System - Changing Perceptions about the role of the Government - Growth and pattern of International Economic Relations: Aid Investment and Trade

Unit-IV

Human Face of Development: Components of Human Development Index: Education and Health, Basic Need Approach-Women Empowerment- Recent Employment Programmes.

Unit-V

Environmental Issues - Sustainable Development - Waste Management - Natural Disaster Management - Environmental Policies

References

1. Akerlof, G.A. 1970. 'The Market for Lemons, Quality, Uncertainty and the Market Mechanism', Quarterly Journal of Economics, Vol.84, pp 488-500.
2. Akerlof, (3, A. 1984. 'An Economic Theorist's Book of Tales', Cambridge: Cambridge University Press.
3. Coase, R. 2001. 'The Problem of Social Cost' Journal of Law and Economics, 3: 144.
4. Hirshleifer, J and Riley, J.G. 1992. 'The Analytics of Uncertainty and Information, Cambridge: Cambridge University Press.
5. Orth, Qouglas, C.1990. 'Institutions, Institutional Change and Economic Performance' Cambridge: Cambridge University Press. .
6. Spencer, M. 1973. 'Job Market signaling' Quarterly Journal of Economics, 87: 355-374.
7. Sengupta, Nirmal. 2001. 'A New Institutional Theory of Production: An Application, Sage Publication, New Delhi.
8. Stiglitz, J.E. 1998. 'The Private Use of Public Interest; Incentives and Institutions, Journal of Economic Perspectives, Vol. 2-12, p-3-22.
9. Shankar, U. 2002. 'Asymmetric Information and Counteracting Institutions', I EA Conference Vol., p.116.
10. UNDP Reports, Current Volumes, Oxford University Press, London
11. World Development Reports, Current Volumes.
12. Oxford University Press, London.

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific Outcomes

Semester I	Code 18MEEC103	Title of the Paper NEW FRONTIERS IN ECONOMICS														Hours	Credits	
		Programme Outcomes (POs)						Programme Specific Outcomes (PSOs)										Mean Score of COs
		PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8			
CO1	5	3	4	3	4	3	4	3	4	4	3	4	4	4	4	3.75		
CO2	4	3	3	4	4	3	4	3	4	3	4	3	4	3	3.75			
CO3	4	4	4	4	4	4	3	4	3	4	4	4	3	3	3.75			
CO4	3	4	3	3	4	3	4	4	5	4	4	4	4	4	3.92			
CO5	4	3	4	4	4	3	4	4	4	4	4	4	3	4	3.83			
CO6	3	4	3	4	4	4	4	3	4	3	3	3	4	5	3.67			
Overall Mean Score for COs																		
3.78																		

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Result: The Score for this Course is 3.7 (High Relationship)

Note:

Mapping Scale	1-20%	21-40%	41-60%	61-80%	81-100%
Relation	1	2	3	4	5
Quality	0.0-1.0 Very poor	1.1-2.0 Poor	2.1-3.0 Moderate	3.1-4.0 High	4.1-5.0 Very High

Values Scaling:

Mean Score of COs = $\frac{\text{Total of Values}}{\text{Total No. of POs \& PSOs}}$	Mean Overall Score for COs = $\frac{\text{Total of Mean Scores}}{\text{Total No. of COs}}$
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18MEEC104A

INDUSTRIAL ECONOMICS

Course Outcomes

- To inculcate the concepts and theories.
- To impart the techniques of Industrial management.
- This will enable the students to understand the ramification of Management

Unit-I: Development aspects

Meaning of industrial Economics - scope -important phases of Industrialization – Location aspects - Theories of Weber, Sargent Florence - Factors affecting Industrial location Industrial Productivity - Factors affecting Industrial productivity -Production and productivity trends.

Unit-II: Industrial Demand and Pricing

Concepts - functions - Demand forecasting techniques - Methods of pricing the products.

Unit-III: Industrial Costs and Returns

Implicit and explicit costs - Industrial Budget -. Objectives and techniques - Rate of Returns.

Unit-IV: Evaluation and Planning

Job evaluation methods - Profit planning - Forecasting the profits.

Unit-V: Project profiles/Evaluation - methods and principles

PERT and CPM with case studies.

Reference

- Dhingara, C. 1972. *Indian Industrial Economy*, New Delhi: S. Chand & Co. Ltd.
- Ghosh, P.K. & Ghorpade, M.B. 1986. *Industrial Psychology*, Bombay: Himalaya Publishing House. ‘
- Khanna, A.P. 1999. *Industrial Engineering and Management*, New Delhi: Dhana Pat Rai Publications (P) Ltd.
- Kuchal, S.C. 1966. *Industrial Economy of India*, Allahabad: (raffanya Publishing House, 1st edn.
- Mahajan, V.S. 1987. *Studies in Industrial Economy and India*, New Delhi: Deep & Deep Publications.
- Narayan, B.N. 1998. *Industrial Economics*, Ammol, Publications (P) Ltd., 1st edn, 1997.
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- Sivayya, K. V. and Das, V.B.M. 1972. *Indian Industrial Economy*, New Delhi: S.Chand & Co. Ltd.

18MEEC104B

AGRICULTURAL ECONOMICS

Course Outcomes

1. The objective of this paper is to understand the structure of agriculture in India
2. To acquire the knowledge of various agronomic policies and practices prevailing in Indian farming.

Unit-I:

Agriculture - Significance- Relationship between Agriculture and Industry - Agriculture in India (at 2000) - An outline - Land - Utilization - Various types - Cropping pattern irrigation - total water supply - Utilization -types of irrigation (to land) - Application of fertilizers - pesticides - Results of changing pattern - Agricultural Policy 2000.

Unit-II:

Agricultural labour - Conditions - Agricultural finance - Capital formation – Agricultural technology - Mechanization.

Unit-III:

Tamil Nadu agriculture - Changing scenario - Horticulture - Allied activities (detail) Environmental problems - deforestation.

Unit-IV:

Agricultural farm management - Development of Agriculture - Mono-shifting - Agricultural industry - Agri. Business - a brief history of Principles of Management - Applied in agriculture Marshall - Diminishing returns - input-output relations Law of substitution— input-input relations Equi-marginal returns - Output-Output relations Cost principles - opportunity cost - comparative cost - other principles - cost benefit analysis in agricultural crops

Unit-V:

Agricultural programme and policies production and marketing - Research - Processing - Storing - Distribution system- Challenges of Genetically modified crops- Bio-Technology - Need for Second Green Revolution.

Reference

1. Mamoria, C.B. 1973, 'Agricultural problems in India', Allahabad: Kitab Mahal.

2. Kahlon, A.S. & Karamsingh, 1981 'Economics of Farm Management in India, Allahabad:
3. Kitab Mahal, Rajalakshmi, N. 1981, 'Tamil Nadu Economy', Chennai," Business Publishers, 1999.
4. India -2005, Year book.
5. Tamil Nadu - Economic Appraisal Volumes, Chennai.
6. Kisan World, Current Volumes, Coimbatore.
7. Indian Farming, Current Volumes, New Delhi.

18MEC104C

DEVELOPMENT ECONOMICS

Course Outcomes

1. To make students know the social and institutional aspects of development;
2. To understand the significance of planning in an economy

Unit-I: Economic Growth

Economic growth and development - Factors affecting economic growth: Capital, labour and Technology; Growth Models - instability of equilibrium; Neo-classical growth models - Two Sector Model - Micro Models.

Unit-II: Social and institutional aspects of development:

Development and underdevelopment - Perpetuation of underdevelopment; Poverty - Absolute and Relative; Measuring development and development gap - Per capita income, inequality of income, Human development index and other indices of development and quality of life - Food security, education, health and nutrition; growth pattern of population.

Unit-III: Theories of development:

Classical theory of development - contributions of Adam Smith, Ricardo, Malthus and James Mill; Karl Marx and development of capitalistic economy - theory of social change, surplus value and profit; Structural analysis of development; Imperfect market paradigm.

Unit-IV: Sectoral aspects of development:

Role of agriculture in economic development; Efficiency and productivity in agriculture, New technology and sustainable agriculture; Globalization and agricultural growth; Rationale and pattern of industrialization in developing countries; Terms of trade between agriculture and industry.

Unit-V: Trade and Economic Development:

International trade as engine of growth; Myrdal thesis vs. Free trade: Export-led growth: Balance of payments; Tariffs and effective protection; International economic order; WTO and developing countries.

Books for reference

1. Adelman, I. 1961, *Theories of Economic Growth and Development*, Stanford: Stanford University Press.
2. Brahamananda, P.R. and Vakil, C. N. 1956, *Planning for an Expanding Economy* Bombay: Vora and Co.

3. Grossman, G and Helpman, E. 1991. *Innovation and Growth in the Global Economy*, Cambridge: MIT Press Mass.
4. Gupta, SB., 1988. *Monetary Economics: Institutions, Theory and Policy*, New Delhi: S. Chand and Co.
5. Kindleberger, C.P. 1977. *Economic Development*, Third Edition, New York: McGraw Hill.
6. Kuznets, Simon, 1971. *Economic Growth of Nations, Total Output and Production Structure*, Cambridge: Harvard University Press Mass.
7. Myrdal, G., 1957. *Economic Theory and Underdeveloped Regions*, London: Duckworth.
8. Schumpeter, J A., 1949. *The Theory of Economic Development*, Cambridge: Harvard University Press Mass.
9. Sen, A.K., 1990, *Growth Economics* (Ed.), Penguin, Harmondsworth.
10. Taylor, L. 1979. *Macro Models for Developing Countries*, New York: McGraw.

18MEC104D

ECONOMICS OF SOCIAL SECTORS

Course Outcomes

1. To teach basic concepts of social sector to the students
2. To introduce them to the analytical tools to study some social problems
3. To make them aware of certify social issues viz., Environment, Health & Education

Unit-I: Welfare economics, Social sectors and environment:

Competitive equilibrium; Fundamental theorems of welfare economics; Externalities and market inefficiency -Pareto optimal provision of public goods - Lindahl's equilibrium, common property resources.

Unit-II: The Theory of Environmental Policy:

Environmental externalities - Pigouvian taxes and subsidies, marketable pollution, permits and mixed instruments - The new model of 'pollution control, Monitoring and enforcement of environmental regulation, - Environmental institutions and grass root movements; Global environment -Trade and environment in WTO regime.

Unit-III: Natural Resource Management and Sustainable Development:

Theories of optimal use of exhaustible and renewable resources; Environmental and development trade off and the concept of sustainable development; integrated environmental and economic accounting and the measurement of environmentally corrected GDP; Macroeconomic policies and environment-Environmental laws and their implementation. Social forestry- - Rationale and benefits.

Unit-IV: Economics of Education:

Education as an instrument for economic growth; Human capital - Human capital vs. Physical capital, components of human capital; Cost of Education - expenditure on education, private costs and social costs - Benefits of education - Schultz approach, Education and labour market Economics of educational planning in developing countries with special emphasis on India.

Unit-V: Health economics:

Health dimensions of development; Determinants of health - poverty; malnutrition and environmental issues; - demand and supply of health care - The concept of human life value; Theory and empirical studies of production of health care - Inequalities in health; class and gender perspectives; Institutional issues in health care delivery.

Books for Reference:

1. Mathan, Q.R. 2000. Indian Social Problem; New Delhi Sultan Chand & Co.
2. Dutt, Rudder and Sundharam, K.P.M. 2005, „Indian Economy, Fortieth Revised Edition, New Delhi, S. Chand and Co. Pvt. Ltd.
3. Encyclopedia of Social Science, 2001. (New Delhi: S. Chand and Co Pvt. Ltd.).
4. Vidya Bhushan Sachdeva, 2001. "Introduction to Sociology", New Delhi : S. Chand and Co. Pvt. Ltd.
5. Indira Gandhi Memorial Trust, 1999. Redefining the Good Society, New Delhi: Wiley, Eastern Ltd.
6. Lutz Mark and Kenneth Lux, 1999, "The Challenge of Humanistic Economics", California, The Benjamin / Cummings Publishing Company Inc.
7. Standford Cedric, 1999, "Social Economics", London, Heinemann Educational Books.
8. Le Grand, Julian and Ray Robinson, 2000, "The Economics of Social Problems", London and Basing stoke: The Macmillan Press Ltd.

18MEC104E

INTERNATIONAL ECONOMICS

Course Outcomes

1. To understand Theoretical aspects of International Trade
2. The development aspects of international Trade
3. Monetary theory of International Trade and
4. Policy of Protection and Institutions involved in the International Trade.

Unit-I:

Theory of International Trade: Nature and Scope of International Trade - Classical Theory - Hecksher - Ohlin theorem.

Unit-II:

Trade and Development: Terms of Trade-Gains from Trade-Trade and development.

Unit-III:

Monetary Theory of International Trade: Balance of Payment -exchange rates determination - International Liquidity and Monetary reforms.

Unit-IV:

Policy of Protection: Tariffs and non Tariff-quotas - Customs unions.

Unit-V:

International Financial Institutions: IBRD, IMF, IDA. GATT, WTO, UNCTAD, ECM and Regional integration among developing countries.

Reference:

1. Mithani, D.M., 1998: *Introduction to International Economics*. Mumbai: Himalaya Publishing House. 3rd Edn.
2. Francis Cherunilam, 1994. *International Economics*. New Delhi: International Economics. New Delhi: Tata McGraw Hill Co. Ltd., 2nd edn.
3. Gerald M. Meier, 1998: *The International Economics of Development*. New York: Harper & Row Publishers, Rev. edn.
4. Jhingan, M.J. 1998: *International Economics*. Delhi: Virinda Publications (P) Ltd., 4th edn.
5. Kindleberger, C.P. 1996. *International Economics*. Illinois: Richard D Irwin & Inc., 8th edn.

18MEC104F

ECONOMICS OF MARKETING

Course Outcomes

1. To understand the importance of marketing in corporate governance.
2. To understand the significance of advertising on sales.

Unit-I:

Marketing Function: Marketing Concepts - Marketing Systems - Other Functions in the Organizations.'

Unit-II:

Marketing Strategy: Market planning and Market Programming - Consumer Behavior Models - Marketing Strategies - Marketing Mix - Producer Policy.

Unit-III:

Marketing Organization: Product Management - Sales Management - Selling Vs Marketing - Salesmanship - Sales Forecasting. .

Unit-IV:

Marketing Research: Marketing Research Process - organizing- Marketing Research Functions - Techniques and Tools of Market Research and Research Design.

Unit-V:

Advertising: Advertising - Objectives - Preparing Advertisement Plan - Strategy Development - Message, Media Decisions and Media decisions and Media selection.

References:

1. Philip Kotler, 1995. Marketing Management. 1st edition; Prentice Hall of India Private Ltd., New Delhi.
2. Beri, G.C., 2000. Marketing Research. 3rd edition. Tata McGraw-Hill Publishing, Company Ltd., New Delhi.
3. Pillai Bagavathi, R.S.N., 2000. Modern Marketing: Principles and Practices. S.Chand & Company Ltd., Ram Nagar, New Delhi.
4. Aaker Kumar, 2000. Day Marketing Research- 7th ed.2000. John Wiley & Sons Inc., New York.
5. Donald S. TuII, 2000. Deli. Hawkins - Marketing Research Measurement and' Method 6th edition. Prentice Hall of India Private Ltd., New Delhi.
6. Sharma, D.D., 2001. "Marketing Research Principles, Application and Cases", Sultana and Chand & Sons, New Delhi

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