

# DEPARTMENT OF ECONOMICS



## M.Phil. PROGRAMME

### CHOICE BASED CREDIT SYSTEM SYLLABUS (2018-19 ONWARDS)

**H.H. THE RAJAH'S COLLEGE (AUTONOMOUS)**  
**Re-Accredited at B<sup>+</sup> by NAAC**  
*(Affiliated to the Bharathidasan University, Tiruchirappalli)*  
**PUDUKKOTTAI – 622 001**

**H. H. THE RAJAH'S COLLEGE (Autonomous B<sup>+</sup>)  
PUDUKKOTTAI – 622 001**

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**DEPARTMENT OF ECONOMICS**

**BOARD OF STUDIES MEETING**

Date: 28.06.2018

Time: 10.00 am

Place: Department of Economics

**AGENDA**

- Item – 1: To approve the minutes of the previous meeting.
- Item – 2: To approve the choice based credit system course pattern and syllabus for B.A., M.A., M.Phil., Economics for the year 2018-19 onwards.
- Item – 3: To approve the question paper pattern for the choice based credit system for B.A., M.A., and M.Phil., Economics for the year 2018-19 onwards.
- Item – 4: To approve the incorporation of the feedback of the students, scholars, alumni and parents while revising the regulations, curriculum and syllabi of all programmes offered by the Department of Economics.
- Item – 5: To approve the incorporation of the suggestions of the Board of Studies members while revising the regulations, curriculum and syllabi of all programmes offered by the Department of Economics.
- Item – 6: To approve the incorporation of higher weightage given by the NAAC for the curriculum.
- Item – 7: To approve the list of papers newly introduced for B.A., and M.A., Economics for the year 2018-19 onwards.
- Item – 8: Any other matter with permission of the Chair.

**CHAIRPERSON**

**H. H. THE RAJAH'S COLLEGE (Autonomous B<sup>+</sup>),  
PUDUKKOTTAI – 622 001**

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**DEPARTMENT OF ECONOMICS**

Submitted to the Principal

**Sub:** Minutes of the meeting – Board of studies – Placing at Academic Council –  
For Approval – reg.

Minutes of the Board of Studies meeting of the Department of Economics,  
H.H. The Rajah's College (Autonomous), Pudukkottai, held on 28<sup>th</sup> June 2018 at  
10.00 a.m. at the Department of Economics.

The following resolutions are passed in the meeting.

**Item – 1:** To approve the minutes of the previous meeting.

**Resolved to approve the minutes of the previous meeting held on 18<sup>th</sup>  
April 2015.**

**Item – 2:** To approve the choice based credit system course pattern and syllabus for  
B.A., M.A., M.Phil., Economics for the year 2018-19 onwards.

**Resolved to approve the choice based credit system course pattern and  
syllabus for B.A., M.A., M.Phil., Economics for the year 2018-19  
onwards.**

**Item – 3:** To approve the question paper pattern for the choice based credit system for  
B.A., M.A., and M.Phil., Economics for the year 2018-19 onwards.

**Resolved to approve the existing pattern of the question paper for the  
choice based credit system for B.A., M.A., and M.Phil., Economics for  
the year 2018-19 onwards.**

**Item – 4:** To approve the incorporation of the feedback of the students, scholars,  
alumni and parents while revising the regulations, curriculum and syllabi of  
all programmes offered by the Department of Economics.

**Resolved to approve the incorporation of the feedback of the students,  
scholars, alumni and parents while revising the regulations, curriculum**

**and syllabi of all programmes offered by the Department of Economics.**

**Item – 5:** To approve the incorporation of the suggestions of the Board of Studies members while revising the regulations, curriculum and syllabi of all programmes offered by the Department of Economics.

**Resolved to approve the incorporation of the suggestions of the Board of Studies members while revising the regulations, curriculum and syllabi of all programmes offered by the Department of Economics.**

**Item – 6:** To approve the incorporation of higher weightage given by the NAAC for the curriculum.

**Resolved to approve the incorporation of higher weightage given by the NAAC for the curriculum.**

**Items – 7:** To approve the list of papers newly introduced for B.A., and M.A., Economics for the year 2018-19 onwards.

**Resolved to approve the list of papers newly introduced for B.A., and M.A., Economics for the year 2018-19 onwards.**

**For B.A., Economics following papers were newly introduced:**

1. Managerial Economics
2. Economic of Insurance
3. Economics of Transportation
4. Basic Economics
5. Capital Market
6. Agricultural Economics
7. Economics of Service Sector

**For M.A., Economics following papers were newly introduced:**

1. Welfare Economics
2. Health Economics
3. Human Resources Management
4. Economics for IES/NET/SET

**Members Present:**

1. Dr. VELU SURESH KUMAR - Chairperson
2. Dr. L. GANESAN - University Nominee
3. Dr. K. SADASIVAM - External Member
4. Dr. M. MARIA JOHN KENNEDY- External Member
5. Mr. S. RAJAKUMAR - Industrialist
6. Dr. M. KARUPPIAH - Member
7. Mr. S. SURIYAKANTH - Member
8. Dr. V. MURUGESAN - Member
9. Dr. S. ASAITHAMBI - Member
10. Dr. A. KARNAN - Member
11. Dr. B. BALAMURUGAN - Member
12. Dr. T. SUDAKAR - Member
13. Mr. P. SARAVANAN - Old Student (Member)

### **Programme Educational Objectives (PEOs)**

**PEO1:** To create strong subject knowledge in economics to develop and uplift the society.

**PEO1:** To apply economic theories and make the students to understand the practical knowledge on present economic system.

**PEO3:** Creation of continuous improvement in their professional career through lifelong learning appreciating human values and ethics.

### **Programme Outcomes (POs)**

*After 3 years of completion of programme, the under graduates will be able to:*

**PO1:** Read, understand and interpret economic aspects through - verbal, demonstrative, mathematical and graphical methods.

**PO2:** Know the features of the Indian and Tamil Nadu economy.

**PO3:** Ready for working in the economic world like banking, industries, education, etc.

**PO4:** Prepare for various post graduate studies.

**PO5:** Become successful entrepreneurs and manage their own startups to contribute towards the society and economic development.

**PO6:** Have wide knowledge in implementing creativity and problem solving skills in real life.

**PO7:** Gain moral, social, human, environmental and ethical values to become successful and responsible citizens.

## COURSE SUMMARY

Percentage to be assigned for modification

- Complete Unit Change - 20%
- Partially Unit Change - 10%
- Minimum Modification - 5%
- No deletion - 0%

Name of the Programme : M.Phil

Name of the Course : Economics

Title of the Paper : Research Methodology and Statistical Techniques

(Tick the appropriate box)

**Core**    Allied    Elective    NME    SBE

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	0	0
Unit – II	5	0	5	5
Unit – III	5	0	5	5
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				50

Title of the Paper : Contemporary Issues in Indian Development

(Tick the appropriate box)

**Core**    Allied    Elective    NME    SBE

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	0	0
Unit – II	0	0	0	0
Unit – III	0	0	0	0
Unit – IV	0	0	0	0
Unit – V	0	0	0	0
Total				0

Title of the Paper : Paper on Topic of Research

(Tick the appropriate box)

Core    Allied    Elective    NME    SBE

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	20	20
Unit – II	0	0	20	20
Unit – III	0	0	20	20
Unit – IV	0	0	20	20
Unit – V	0	0	20	20
Total				100

Title of the Paper : Teaching and Learning Skills

(Tick the appropriate box)

Core    Allied    Elective    NME    SBE

Unit (1)	Deduction (%) (2)	Addition (%) (3)	Modification (%) (4)	Revision (%) (2 + 3 + 4)
Unit – I	0	0	0	0
Unit – II	0	0	0	0
Unit – III	0	0	0	0
Unit – IV	0	0	0	0
Unit – V	0	0	0	0
Total				0



**PROGRAMME SUMMARY**

Name of the Programme : M.Phil

Name of the Course : Economics

<b>Title of the Paper</b>	<b>Average % of Changes in each paper</b>
Research Methodology and Statistical Techniques	50
Contemporary Issues in Indian Development	0
Paper on Topic of Research	100
Teaching and Learning Skills	0
<b>Average Changes in the Programme</b>	<b>150/4 = 37.5</b>

**M. Phil. ECONOMICS PROGRAMME - Course Structure under CBCS  
(For the candidates admitted from the academic year 2018-19 onwards)**

Sem.	Course	Course Code	Title of the Paper	Hrs / Week	Credit	Exam Hour	Marks		
							IA	EA	Total
<b>I</b>	Core Course - I	18MEC1	Research Methodology and Statistical Techniques	6	4	3	25	75	100
	Core Course - II	18MEC2	Contemporary Issues in Indian Development	6	4	3	25	75	100
	Core Course - III	18MEC3	Paper on Topic of Research (The syllabus will be prepared by the Guide and the examination will be conducted by the COE)	6	4	3	25	75	100
	Core Course - IV	18MEC4	Teaching and Learning Skills (Common Paper)	6	4	3	25	75	100
<b>II</b>	Dissertation and Viva-voce			-	8	-	Dissertation (150) + Viva-voce (50)		200
<b>Total</b>				<b>24</b>	<b>24</b>	-	-	-	<b>600</b>

Note: IA – Internal Assessment; EA – External Assessment

## QUESTION PAPER PATTERN

### CHOICE BASED CREDIT CUM SEMESTER PATTERN (Effective from the academic year 2018-19 onwards)

M.Phil. Economics

External Pattern

Duration of Examination: 3 Hours

<b>Part – A</b> Answer ALL the Questions 10 x 2 = 20 marks	<b>Part – B</b> Answer ALL the Questions Internal Choice Type 5 x 5 = 25 marks	<b>Part – C</b> Answer any THREE Questions 3 x 10 = 30 marks
<b>Questions</b>	<b>Questions</b>	<b>Questions</b>
1 – 2 – Unit I	11(a) or 11(b) – Unit I	16 – Unit I
3 – 4 – Unit II	12(a) or 12(b) – Unit II	17 – Unit II
5 – 6 – Unit III	13(a) or 13(b) – Unit III	18 – Unit III
7 – 8 – Unit IV	14(a) or 14(b) – Unit IV	19 – Unit IV
9 – 10 – Unit V	15(a) or 15(b) – Unit V	20 – Unit V

Internal Pattern

1. Internal Test – 1 - 50 marks
2. Internal Test – 2 - 75 marks
  
3. Assignment – 1 - 10 marks
4. Assignment – 2 - 10 marks
5. Seminar - 5 marks

**Total - 150 marks\***

**\*Total marks to be converted into 25 marks**

**M.Phil  
Core Course - I**

**RESEARCH METHODOLOGY AND STATISTICAL TECHNIQUES**

**Semester I  
18MEC1**

**6 Hrs  
4 Credits**

**Objective**

*To infuse basic knowledge on research methodology. To understand the research problems and identify the research design. To develop the skill of writing research report.*

**Course Outcomes**

*On completion of the course, the learners will be able to:*

**CO1:** Acquire basic knowledge on research methodology.

**CO2:** Develop research attitude.

**CO3:** Understand the basic concepts of research.

**CO4:** Attain the ability to identify the research problems.

**CO5:** Understand how to construct the research design.

**CO6:** Gain inference drawing skill.

**CO7:** Become a good research report writer

**Unit - I:** Nature and Scope of Research: Social Research - Nature - Scope - Uses and major steps - Pure, Applied and Action Research - Scientific Method: Theory and Facts - Formulation of a Research Problem - Objectives - Hypothesis: Types, Sources and Characteristics of Hypothesis.

**Unit - II:** Research Design and Data Collection: Research Design: Need and Types - Exploratory, Descriptive and Experimental Design - Data Collection: Primary and Secondary Methods - Preparation of Schedule and Questionnaire - Sampling Techniques.

**Unit - III:** Application of Statistical Techniques Averages: Mean, Median, Mode - Dispersion - Correlation: Simple, Multiple and Rank Correlation - Regression Analysis: Linear, Non-Linear, Bivariate and Multivariate Analysis - Time Series Analysis - Scaling techniques.

**Unit - IV:** Statistical Inference Testing of Hypothesis: Type I error and Type II error - T-Test: Assumptions, Properties, Applications and Simple problems - F-Test:

Assumptions, Properties, Applications and Simple problems - Z-Test: Uses and Simple problems - Chi-square [ $\chi^2$ ] Test: Assumptions, Properties, Applications and non-parametric tests.

**Unit - V:** Report Writing: Report Writing - Stages in Report Writing - Layout of Report - Mechanics of Report Writing - Footnotes, Endnotes - Reference and Bibliography.

**Reference:**

1. Elhance, D.N. [2000], Fundamentals of Statistics, Allahabad: Kitab Mahal.
2. Gupta S.P. [2001], Statistical Methods, S. Chand & Co., New Delhi.
3. Kotharai, C.R. [1998], Research Methodology, Wiley Eastern Ltd., New Delhi.
4. Wilkision and Bhandarkar [1991], Methodology and Techniques of Social Research, Himalaya Publishing House, Bombay.
5. Kurein, C.T. [1973], Research Methods in Economics, Madras Sangam Publisher.

**Course Outcome Vs Programme Outcome**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	9	1	9	9	3	1	9
<b>CO2</b>	9	1	1	1	9	9	1
<b>CO3</b>	3	3	3	1	9	9	9
<b>CO4</b>	9	1	9	3	9	1	3
<b>CO5</b>	3	9	9	9	9	3	9
<b>Total</b>	33	15	31	23	39	23	31
<b>Weightage</b>	<b>2.00</b>	<b>0.92</b>	<b>1.89</b>	<b>1.40</b>	<b>2.35</b>	<b>1.40</b>	<b>1.88</b>

**Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.**

**M.Phil  
Core Course - II**

**CONTEMPORARY ISSUES IN INDIAN DEVELOPMENT**

**Semester I  
18MEC2**

**6 Hrs  
4 Credits**

**Objective**

*To cater a comprehensive knowledge on the emerging issues in Indian Economy. To understand India's global linkage and to bring out the relevance of gender issues in India's development. To focus on social and environmental issues and to trace the recent economic changes. To learn about Human Development in India.*

**Course Outcomes:**

*On completion of the course, the learners will be able to:*

**CO1:** Acquire comprehensive knowledge on the emerging issues in Indian Economy.

**CO2:** Understand India's global linkage.

**CO3:** Bring out the relevance of gender issues in India's development.

**CO4:** Focus on social and environmental issues.

**CO5:** Trace the recent economic changes.

**CO6:** Understand Human Development in India.

**CO7:** Be aware of Globalization and its impact on Indian Economy.

**Unit - I:** **India and the World Economy:** India and GATT, WTO and India's Foreign Trade – Globalization and its impact on India – Recent trends in Macro Economic Policy with reference to NRI, Foreign Capital and Fiscal Reforms.

**Unit - II:** **Gender Issues in Indian Development:** Gender Equity – Gender Discrimination – Women and Employment – Women and Law – SHGs - Women's Health Issues – Women and Education.

**Unit - III:** **Social Climate in India:** Class structure, Caste and Religion – Family – Rural and Urban inequality – Rural Poverty and Urban Poverty Alleviation Programmes.

**Unit - IV:** **Recent Economic Crisis:** Sub-prime Crisis – Sub-prime lending / Mortgaging Housing finance – Toxic assets – Crash in share market, investment and employment – Bail-out package – Impact on Indian economy and on budgetary process.

**Unit - V: Human Development in India:** Index of Human Development – Education and HRD – Training – Types – Motivation – Method - Health Issues – Health for All – Rural Health promotion in India – Challenges.

**References:**

1. Drege .Jand A.K. Sen [2003], India: Development and Participation OUP, Delhi
2. Drege .J and A.K. Sen [1996], Indian Development: Selected Regional Perspectives OUP, Delhi.
3. Bina Agarwal [1994], A Field of one’s own, Cambridge University Press, UK
4. Patnaik .P [1995], Macroeconomics OUP, Delhi.

**Course Outcome Vs Programme Outcome**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	9	3	9	9	9	1	9
<b>CO2</b>	9	9	3	9	1	9	1
<b>CO3</b>	9	3	3	3	9	3	9
<b>CO4</b>	9	1	9	9	9	3	3
<b>CO5</b>	9	9	9	3	9	9	9
<b>Total</b>	45	25	33	33	37	25	31
<b>Weightage</b>	<b>2.70</b>	<b>1.53</b>	<b>2.01</b>	<b>2.00</b>	<b>2.23</b>	<b>1.52</b>	<b>1.88</b>

**Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.**

**M.Phil  
Core Course - IV**

**TEACHING AND LEARNING SKILLS**

**Semester I  
18MEC4**

**6 Hrs  
4 Credits**

**Objective**

*Acquaint different parts of computer system and their functions. To understand the operations and use of computers and common accessories. To develop skills of ICT and apply them in teaching learning context and research. To appreciate the role of ICT in teaching, learning and research. Acquire the knowledge of communication skill with special reference to its elements, types, development and styles.*

**Course Outcomes**

*After completing the course, the students will be able to:*

- CO1:** Develop skills of ICT and apply them in teaching learning context and research.
- CO2:** Be able to use ICT for their professional development.
- CO3:** Leverage OERs for their teaching and research.
- CO4:** Appreciate the role of ICT in teaching, learning and research.
- CO5:** Develop communication skills with special reference to listening, speaking, reading and writing.
- CO6:** Learn how to use instructional technology effectively in a classroom.
- CO7:** Master the preparation and implementation of teaching techniques.

**Unit - I:**     **Computer Applications Skills:** Computer system: Characteristics, Parts and their functions – Different generations of computer - Operation of computer: Switching on/off/Restart, Mouse control, Use of keyboard and some functions of key – Information and Communication Technology (ICT): Definition, Meaning, Features, Trends – Integration of ICT in teaching and learning – ICT applications: Using word processor, Spread sheets, Power point slides in classroom – ICT for research: Online journals, e-books, Courseware, Tutorials, Technical Reports, Theses and Dissertations.

**Unit - II:**   **Communication Skills:** Communication: Definitions - Elements of Communication: Sender, Message, Channel, Receiver, Feedback and Noise – Types of Communication: Spoken and written; Non-verbal communication – Barriers to Communication: Mechanical, Physical, Linguistic & Cultural – Skills of Communication: Listening, Speaking, Reading and Writing - Methods of



developing fluency in oral and written communication – Style, Diction and Vocabulary – Classroom communication and dynamics.

**Unit - III: Communication Technology:** Communication Technology: Bases, Trends and Developments – Skills of using communication Technology – Computer mediated teaching: Multimedia, E-content - Satellite-based communication: EDUSAT and ETV Channels. Communication through web: Audio and video applications on the internet, Interpersonal communication through the web.

**Unit - IV: Pedagogy:** Instructional Technology: Definition, Objectives and Types – Difference between teaching and instruction – Lecture Technique: Steps, Planning of a Lecture, Delivery of a Lecture – Narration in tune with the nature of different disciplines – Lecture with power point presentation – Versatility of lecture technique – Demonstration: Characteristic, principles, Planning Implementation and Evaluation – Teaching – Learning Techniques: Team teaching, Group discussion, Seminar, Workshop, Symposium and Panel Discussion – Modes of teaching: CAI, CMI and WBI.

**Unit - V: Teaching Skills:** Teaching skill: Definition, Meaning and nature – Type of teaching a skills: Skill of set induction, Skill of stimulus variation, Skill of explaining, Skill of probing questions, Skill of black board writing and skill of closure – Integration of Teaching skills – Evaluation of Teaching skills.

#### **References:**

1. Bela Rani Sharma [2007], Curriculum Reforms and Teaching Methods, Sarup and Sons, New Delhi.
2. Don Skinner [2005], Teacher Training, Edinburgh University Press Ltd., Edinburgh
3. Jonathan Anderson and Tom Van Weart [2002], Information and Communication Technology in Education, A Curriculum for Schools Programme of Teacher Development, UNESCO.
4. Kumar, K.L, [2008], Educational Technology, New Age International Publishers, New Delhi.
5. Mangal, S.K, [2002], Essential of Teaching – Learning and Information Technology, Tendon Publication, Ludhiana.
6. Pandey, S.K, [2005], Teaching Communication, Common Wealth Publisher, New Delhi.
7. Singh V. K and Sudarshan K.N, [1996], Computer Education, Discovery Publishing Company, New York.
8. Sharma, R.A, [2006], Fundamental of Educational Technology, Surya Publications, Meerut.

### Course Outcome Vs Programme Outcome

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	9	3	9	9	9	1	3
<b>CO2</b>	9	1	3	3	1	9	3
<b>CO3</b>	9	1	1	3	9	3	9
<b>CO4</b>	9	3	9	3	3	3	3
<b>CO5</b>	9	9	3	3	9	9	9
<b>Total</b>	45	17	25	21	31	25	27
<b>Weightage</b>	<b>2.70</b>	<b>1.04</b>	<b>1.53</b>	<b>1.28</b>	<b>1.88</b>	<b>1.52</b>	<b>1.64</b>

Level of correlation: 9 – High; 3 – Medium; 1 – Low; and 0- no correlation.