

DEPARTMENT OF ECONOMICS



M.Phil. PROGRAMME

CHOICE BASED CREDIT SYSTEM SYLLABUS (2021-22 ONWARDS)

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

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

DEPARTMENT OF ECONOMICS

BOARD OF STUDIES MEETING

Date: 11.08.2021

Time: 10.00 am

Place: Department of Economics

AGENDA

- Item - 1: To approve the minutes of the previous meeting.
- Item - 2: To approve the revised syllabus for B.A., M.A., and M.Phil., Economics as part of Learning Outcomes-based Curriculum Framework (LOCF) under Choice Based Credit System (CBCS) from the academic year 2021-2022 onwards.
- Item - 3: To approve the question paper pattern under CBCS for B.A., M.A., and M.Phil., Economics from the academic year 2021-22 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 2021-22 onwards.
- Item - 8: Any other matter with permission of the Chair.

CHAIRPERSON

H. H. THE RAJAH'S COLLEGE (Autonomous B+)
PUDUKKOTTAI – 622 001

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 11th August 2021 at 10.00 a.m. at the Department of Economics.

The following resolutions are passed in the meeting.

- Item - 1:** Resolved to approve the minutes of the previous meeting held on 28th June 2018.
- Item - 2:** Resolved to approve the revised syllabus for B.A., M.A., and M.Phil., Economics as part of Learning Outcomes-based Curriculum Framework (LOCF) under Choice Based Credit System (CBCS) from the academic year 2021-2022 onwards.
- Item - 3:** Resolved to approve the existing pattern of the question paper under CBCS for B.A., M.A., and M.Phil., Economics from the academic year 2021-22 onwards.
- Item - 4:** 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:** 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:** Resolved to approve the incorporation of higher weightage given by the NAAC for the curriculum.
- Item - 7:** Resolved to approve the list of papers newly introduced for B.A., and M.A., Economics for the year 2021-22 onwards.

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

1. Basic Mathematics for Economics
2. Computer Applications in Economics
3. Consumer Rights and Awareness
4. Principles of Management

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

1. Econometric Methods
2. Economics of Climate Change

Item - 8: Value added courses included in the curriculum are Digital Economy and Effective Leadership and Management which are ought to be conducted twice in an academic year. Only internal evaluation is recommended.

Item - 9: Syllabi of B.A., M.A., and M.Phil., courses are framed in such a way that it matches more than 75 per cent with the syllabus framed and recommended by the State Integrated Board of Studies of Tamil Nadu State Council for Higher Education (TANSCHE).

Item - 10: The course and programme summaries attached with the syllabus contain the details on the percentage of modification.

Item - 11: The main focus of the courses is as follows:

Name of the Programme	Name of the Course	Course Code	Activities/Content with direct bearing on Employability / Entrepreneurship/Skill Development
BA Economics	Micro Economics - I	21UEC1	Employability
	Monetary Economics	21UEC2	Employability
	Economic Statistics - I	21UECA1	Employability
	Micro Economics - II	21UEC3	Employability
	Tamil Nadu Economy	21UEC4	Employability
	Economic Statistics - II	21UECA2	Employability
	Indian Economy - I	21UEC5	Employability
	Fiscal Economics	21UEC6	Employability
	Labour Economics	21UECA3	Employability
	Competitive Examinations for Tamil	21UECN1	Employability
	Basic Accountancy		Employability
	Indian Economy - II	21UEC7	Employability
	History of Economic Thoughts	21UEC8	Employability
	Basic Mathematics for Economics	21UECA4	Employability
	Indian Economy - II	21UEC7	Employability
	History of Economic Thoughts	21UEC8	Employability
	Basic Mathematics for Economics	21UECA4	Employability
	Macro Economics - I	21UEC9	Employability
	International Economics	21UEC10	Employability
	Agricultural Economics	21UEC11	Employability
	Managerial Economics	21UECE1A	Entrepreneurship
	Capital Market	21UECE1B	Entrepreneurship
	Computer Applications in Economics	21UECE1C	Skill Development
	Freedom Movement in India from 1857 to 1947	21UECN2	Employability
	Principles of Marketing		Employability
	Macro Economics - II	21UEC12	Employability
	Economics of Development and Planning	21UEC13	Employability
	Environmental Economics	21UEC14	Employability
	Consumer Rights and Awareness	21UECE2A	Employability
	Economics of Insurance	21UECE2B	Entrepreneurship
	Tourism Economics	21UECE2C	Employability
	Entrepreneurial Development	21UECE3A	Entrepreneurship
Principles of Management	21UECE3B	Entrepreneurship	
Economics of Service Sector	21UECE3C	Employability	

MA Economics	Advanced Micro Economics - I	21PEC1	Employability
	Advanced Macro Economics - I	21PEC2	Employability
	Indian Economy	21PEC3	Employability
	Statistics for Economist - I	21PECE1	Employability
	Econometric Methods		Employability
	Advanced Micro Economics - II	21PEC4	Employability
	Advanced Macro Economics - II	21PEC5	Employability
	Health Economics	21PEC6	Employability
	Statistics for Economist - II	21PECE2	Skill Development
	Computer Applications in Economics		Skill Development
	General Studies for Competitive Examinations	21PECED1	Employability
	Research Methodology	21PEC7	Employability
	Mathematical Economics	21PEC8	Employability
	Industrial Economics	21PEC9	Employability
	International Economics	21PEC10	Employability
	Human Resource Management	21PECE3	Employability
	Economics of Climate Change		Employability
	Public Finance	21PEC11	Employability
	Economics of Development and Planning	21PEC12	Employability
	Economics for IES / NET / SET	21PEC13	Employability
Project Work	21PEC14	Employability	
M.Phil Economics	Research Methodology and Statistical Techniques	21MEC1	Skill Development
	Contemporary Issues in Indian Development	21MEC2	Employability
	Paper on Topic of Research	21MEC3	Employability
	Teaching and Learning Skills	21MEC4	Employability

Members Present:

1. Dr. VELU SURESH KUMAR - Chairperson
2. Dr. D. MALARVIZHI - University Nominee
3. Dr. M. MURUGAN - External Member
4. Dr. G. SENTHIL KUMAR - 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. T. SUDAKAR - Member
12. Dr. T. VEERAIAN - Old Student (Member)

PROGRAMME OUTCOMES FROM M.Phil ECONOMICS (2021-2022 Onwards)

Program Specific Outcomes (PSOs)

After completion of programme, the scholars will be able to:

- PSO1:** Students would learn how to apply some basic tools of statistics in applied economic research.
- PSO2:** Student would gain knowledge on contemporary issues in Indian development.
- PSO3:** Students expertise would be increased in analyzing existing economic models and evaluate their relevance for theoretical and practical problem solving.
- PSO4:** Gain an in-depth knowledge on teaching and learning skills.
- PSO5:** Students would be able to find solutions of specific and concrete problems on their own.

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

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

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

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

Code	Title of the Paper	Average % of Changes in each paper
21MEC1	Research Methodology and Statistical Techniques	0
21MEC2	Contemporary Issues in Indian Development	0
21MEC3	Paper on Topic of Research	100
21MEC4	Teaching and Learning Skills	0
	Average Changes in the Programme	100/4 = 25.0

**M. Phil. ECONOMICS PROGRAMME - Course Structure under CBCS
(For the candidates admitted from the academic year 2021-22 onwards)**

Sem.	Course	Course Code	Title of the Paper	Hrs / Week	Credit	Exam Hour	Marks		
							IA	EA	Total
I	Core Course - I	21MEC1	Research Methodology and Statistical Techniques	6	4	3	25	75	100
	Core Course - II	21MEC2	Contemporary Issues in Indian Development	6	4	3	25	75	100
	Core Course - III	21MEC3	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	21MEC4	Teaching and Learning Skills (Common Paper)	6	4	3	25	75	100
II	Dissertation and Viva-voce			-	8	-	Dissertation (150) + Viva-voce (50)		200
Total				24	24	-	-	-	600

Note: IA – Internal Assessment; EA – External Assessment

QUESTION PAPER PATTERN

CHOICE BASED CREDIT CUM SEMESTER PATTERN (Effective from the academic year 2021-22 onwards)

M.Phil. Economics

External Pattern

Duration of Examination: 3 Hours

Part – A Answer ALL the Questions 10 x 2 = 20 marks	Part – B Answer ALL the Questions Internal Choice Type 5 x 5 = 25 marks	Part – C Answer any THREE Questions 3 x 10 = 30 marks
Questions	Questions	Questions
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**

Semester	I	Major Paper - 1	Hrs	Credit
Course Code	21MEC1	RESEARCH METHODOLOGY AND STATISTICAL TECHNIQUES	6	4
Pre-requisite		The course attempts to equip the students with the basic knowledge on research methodology and statistical techniques	Syllabus Version	2021-22

Course 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 this course, the students will be able to:

CO1: Acquire basic knowledge on research methodology.

CO2: Understand the basic concepts of research.

CO3: Attain the ability to identify the research problems.

CO4: Understand how to construct the research design.

CO5: 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 [χ^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.
6. Ranjit Kumar [2010]. Research Methodology: A Step-by-Step Guide for Beginners, SAGE Publications Ltd.,

Course Outcome Vs Programme Outcome

	PO1	PO2	PO3	P04	PO5	PO6	PO7
CO1	9	3	3	9	9	1	3
CO2	9	1	9	1	1	9	9
CO3	9	3	3	1	1	1	3
CO4	9	1	1	3	1	1	3
CO5	9	3	1	1	1	3	1
Total	45	11	17	15	13	15	19
Weightage	33.33	37.93	41.46	36.59	31.71	36.59	46.34

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

Semester	I	Major Paper - 2	Hrs	Credit
Course Code	21MEC2	CONTEMPORARY ISSUES IN INDIAN DEVELOPMENT	6	4
Pre-requisite		The course attempts to equip the students with the basic knowledge on contemporary issues in Indian development	Syllabus Version	2021-22

Course 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 this course, the students will be able to:

CO1: Understand India's global linkage.

CO2: Bring out the relevance of gender issues in India's development.

CO3: Focus on social and environmental issues.

CO4: Trace the recent economic changes.

CO5: Understand Human Development in India.

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

	PO1	PO2	PO3	P04	PO5	PO6	PO7
CO1	9	3	1	3	9	1	3
CO2	9	3	3	9	3	9	1
CO3	9	3	3	1	3	1	1
CO4	9	1	3	1	3	1	3
CO5	9	1	3	1	1	3	3
Total	45	11	13	15	19	15	11
Weightage	33.33	37.93	31.71	36.59	46.34	36.59	26.83

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

Semester	I	Major Paper - 4	Hrs	Credit
Course Code	21MEC4	TEACHING AND LEARNING SKILLS	6	4
Pre-requisite	The course attempts to equip the students with the basic knowledge on teaching and learning skills		Syllabus Version	2021-22

Course 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:

On completion of this course, the students will be able to:

- CO1:** Develop skills of ICT and apply them in teaching learning context and research.
- CO2:** Develop communication skills with special reference to listening, speaking, reading and writing
- CO3:** Learn how to use instructional technology effectively in a classroom
- CO4:** Develop adequate skills and competencies to organize seminar / conference / workshop / symposium / panel discussion
- CO5:** 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. Jonathan Anderson and Tom Van Weart [2002]. Information and Communication Technology in Education, A Curriculum for Schools Programme of Teacher Development, UNESCO.
3. Kumar, K.L, [2008]. Educational Technology, New Age International Publishers, New Delhi.
4. Mangal, S.K, [2002]. Essential of Teaching – Learning and Information Technology, Tendon Publication, Ludhiana.
5. Pandey, S.K, [2005]. Teaching Communication, Common Wealth Publisher, New Delhi.
6. Sharma, R.A, [2006]. Fundamental of Educational Technology, Surya Publications, Meerut.

Course Outcome Vs Programme Outcome

	PO1	PO2	PO3	P04	PO5	PO6	PO7
CO1	9	1	3	3	3	3	3
CO2	9	1	1	3	3	3	3
CO3	9	1	1	1	1	1	1
CO4	9	1	3	3	1	1	1
CO5	9	3	3	1	1	3	3

Total	45	7	11	11	9	11	11
Weightage	33.33	24.14	26.83	26.83	21.95	26.83	26.83

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