GOVERNMENT COLLEGE

An Autonomous Institution Since 2000 :: RAJAHMUNDRY, ANDHRA PRADESH, INDIA

DEPT. OF ECONOMICS
GOVT COLLEGE (A)

PG Board of Studies

M.A. Economics (I & II Semesters w.e.f 2024-25)

Department of Economics
2024-25

ACADEMIC CELL, GOVERNMENT COLLEGE (AUTONOMOUS) RAJAHMUNDRY

Proceedings of the Principal, Government College (Autonomous), Rajahmundry
Present: Dr. Ramachandra R.K, M.Sc., Ph.D.

Rc. No. 257/GCRJY /PG-BoS/ 2024-25 dt. 27.04.2024

Sub: Government College (A), Rajamahendravaram- PG Boards of Studies (BoS)- Nomination of Members - Orders issued.

Ref: 1. UGC Guidelines of for Autonomous Colleges-2023.
2. Proc. Of the Vice Chancellor No: ANUR/DAA/Govt. College/Sub. Experts/2023

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Order

The Principal, Government College (Autonomous) Rajahmundry is pleased to nominate the following members to PG Board of Studies to frame the syllabus of **Economics subject** in all the semesters duly following the norms of the UGC regulations for the Autonomous colleges 2023.

SN	Name of the Nominee	Designation
1	**Dr. R. Balayya,** Lecturer In-Charge, Department of Economics, Government College (A), Rajahmundry	Chairman
2	All faculty members of the department	Members
3	**Dr. D. V. Nageswara Rao,** Lecturer in Economics Government Degree College, Seethanagaram EG Dist.	Subject Expert
4	**Dr. G.Venkata Rao,** Lecturer in Economics Government Degree College, Chinturu, ASR Manyam Dist.	Subject Expert
5	**Dr.T.Sudarsana Reddy,** Associate Professor, Dept of Economics, Yogi Vemana University.	University Nominee
6	**N.Uma Rani,** Chief Manager / Nodal Officer, The District Cooperative Central Bank Ltd., Rajamahendravarm	representative from industry
7	Mr. Kotteti Kalyan	Student Nominee

The above members are requested to attend the BoS meeting in May-2024and share their valuable views, and suggestions on the following functionaries.

a) Prepare syllabi for the subject keeping in view the objectives of the college, interest of the stake holders and National requirement for consideration and approval of the IQAC and Academic Council
b) Suggest methodologies for innovative teaching and evaluation techniques
c) Suggest the panel of names to the Academic Council for appointment of Examiners
d) Coordinate research, teaching, extension and other activities in the department of the College. The above said members are requested to bestow their services for the successful organization of the event.

PRINCIPAL
GOVERNMENT COLLEGE (AUTONOMOUS)
RAJAHMUNDRY

Government College Rajahmundry

ESTD. 1853

An Autonomous Institution since 2000
Affiliated to Adikavi Nannaya University

NAAC 3.38/4.00 (RAF-2017) A+

PG-Board of Studies Meeting 2024- 2025

DEPARTMENT OF ECONOMICS

Room NO: 16
Department of Economics

Date: 25-11-2024
Time:11.00 AM

The Board of Studies of PG (M.A. Economics) was convened on **25-11-2024** under the chairmanship of ***Dr.R. Balayya,*** Lecturer in-charge of the Department.

AGENDA:

1. To consider and approve the guidelines issued in NEP 2020 on the structure and the evaluation of PG Courses
2. To consider and adopt to make certain changes in syllabi for the benefit of the student community as prescribed by New Education Policy-2020
3. To consider and approve syllabi and model question paper for the I and II Semesters w.e.f. 2024-25
4. To consider and approve the list of paper setters and examiners for PG for Academic year 2024- 2025.
5. To consider and approve the new guidelines on internal evaluation issued by the Academic cell of the college
6. To consider and approve the guidelines on IKS and Trans Disciplinary Courses issued by the Academic cell of the college

25/11/24

DEPARTMENT OF ECONOMICS

List of Examiners & Question Paper Setters for PG-2024-2025

S.No	Name Of The Lecturer	Designation	College
1	Dr.K.Yamuna	Lecturer In Economics	ASD (W) Kakinada
2	Dr.D.V Nageswara Rao	Lecturer In Economics	GDC Seethanagram
3	M.Bala Raju	Lecturer In Economics	GDC, Jaggampeta
4	Mallikarjun Nayak	Lecturer In Economics	PR College, Kakinada
5	Dr.P. JAYANANDH KUMAR	Lecturer In Economics	GDC Kovvur
6	Bala Narasimhulu	Lecturer In Economics	GDC Ramachandrapuram
7	K. Chinna Babu	Lecturer In Economics	GDC, Ravulupalem
8	K. Ramadevi	Lecturer In Economics	GDC Kothapeta
9	M.Venkateswara Rao	Lecturer In Economics	PR College, Kakinada
10	G. Pavani Devi	Lecturer In Economics	ASD (W) Kakinada
11	Dr.G Venkata Rao	Lecturer In Economics	GDC Chinturu
12	Dr.P.Hari Kishan	Lecturer In Economics	PR GDC Kakinada

25/11/24

Chairman 25/11/2024
Board of Studies
Department of Economics

ESTD. 1853

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DEPARTMENT OF ECONOMICS

The Board of Studies of Department of ***Economics*** was convened on **25-11-2024** under the chairmanship of ***Dr.R. Balayya,*** Lecturer in-charge of the Department and the following members were present and approved.

S.No	Name	Designation	Signature
1	Dr. R.Balayya Lecturer- In charge, Department of Economics, Government College (A), RJY	Chairman	25/11/2024
2	Dr. D.V.Nageswara Rao , Lecturer in Economics, GDC Seethanagaram	Subject Expert	25/11/24
3	Dr.G.Venkata Rao , Lecturer in Economics, GDC,Chinturu	Subject Expert	
4	Dr. T Sudarshana Reddy, Associate Professor, Dept. of Economics, Yogi Vemana University, YSR Kadapa	University Nominee	Attended online.
5	Smt N.Uma Rani, Chief Manager, DCCB, Rajahmundry	Expert form Industry	Attended online
6	Sri K.Ananda Rao	Member	
7	Sri Ch Sanjeev Kumar	Member	Ch Sanjeev Kumar 25/11/24
8	Sri Saladi C Shivaji (Contract Faculty)	Member	
9	Dr.A,Prasadu (Guest Faculty)	Member	
10	K.V.Ganesh Kumar (Guest Faculty)	Member	K.V.Ganesh Kumar
11	Mr. K.Kalyan, (Alumnus)	Student Member	K. Kalyan

Date: 25-11-2024

25/11/2024
Chairman
Board of Studies
Department of Economics

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ESTD. 1853
NAAC 3.38/4.00 (RAF-2017) A+

PG-Board of Studies 2024-25

Agenda, Discussion & Resolutions

Venue: Room-16 **Mode: Blended Mode**

Time 11.00 A.M **Date: 25-11-2024**

Agenda-1: Guidelines Issued in NEP 2020 on the Structure and Evaluation of PG Courses

Discussion:

The Board of Studies Chairperson, Dr. R. Balayya, initiated the session by underlining the importance of aligning PG course structures and evaluation mechanisms with the NEP 2020 framework. He explained how the guidelines aim to foster skill development, flexibility, and interdisciplinarity in higher education. Subject expert Dr. D. V. Nageswara Rao expressed strong support for these reforms, stating that continuous evaluation methods, such as assignments and project work, would better reflect students' progress than traditional end-semester exams.

However, Dr. G. Venkata Rao raised concerns about whether faculty and infrastructure are adequately prepared for such sweeping changes. He questioned the practicality of immediate implementation, especially in colleges with limited resources. K.Ananda Rao, Member of BoS, proposed that conducting workshops for faculty and students is essential and it would prepare them for the new age methods. The discussion concluded with agreement on the need for a phased implementation plan that balances innovation with practicality.

Resolution:

It was resolved to adopt the structural and evaluation changes for PG courses as per NEP 2020, with a phased implementation plan, and to conduct orientation programs for faculty and students to ensure a smooth transition.

Agenda-2: Changes in Syllabi for the Benefit of the Student Community as Prescribed by NEP 2020

Discussion:

The Chairperson presented the proposed revisions to the M.A. Economics syllabus, emphasizing the integration of contemporary topics like Industrial Economics, Constitutional Economics, Computer Application in Economics and Behavioural Economics. Dr. T. Sudarsana Reddy, University Nominee (Joined Online) supported the changes, arguing that these topics are critical for equipping students with skills relevant to current academic and job market trends.

However, some members, including K. Ananda Rao, expressed concerns about overloading students new age subjects. He argued that the foundation of traditional economics should not be diluted in the process. In response, Dr. G. Venkata Rao suggested that the new topics be introduced as electives initially, allowing students to choose based on their interests while retaining core subjects.

Ch. Sanjeev Kumar proposed the inclusion of experiential learning elements, such as field surveys, and case studies, to make the curriculum more engaging. The Chairperson noted the need for balancing theoretical and applied components to ensure holistic learning. After detailed deliberation, the committee agreed on incorporating Dissertation in Fourth Semester would be a balanced approach that caters to both foundational and research knowledge.

Resolution:
It was resolved to adopt the revised syllabi with a blend of core and elective subjects, ensuring that contemporary topics are introduced without compromising foundational knowledge.

Agenda-3.: Approval of Syllabi and Model Question Papers for I and II Semesters w.e.f. 2024-25

Discussion:

The Chairperson presented the detailed syllabi and model question papers for the I and II

semesters, emphasizing their alignment with NEP 2020 objectives. The members appreciated the effort to include diverse and application-oriented content but raised concerns about the clarity and uniformity of the question paper format.

Saladi Sivaji pointed out ambiguities in some sample questions and stressed the importance of precise wording to avoid confusion. Dr. A. Prasadu suggested including more scenario-based and problem-solving questions to encourage critical thinking. Dr. G. Venkata Rao advocated for a balance between theoretical and practical questions, warning against overly theoretical patterns that might not reflect real-world applications.

The committee debated the inclusion of case studies as part of the question papers, with some members supporting it as a valuable tool for analysis and others questioning its feasibility in a time-limited exam setting. It was concluded that the question papers should prioritize clarity and relevance, with opportunities for practical application.

Resolution:

It was resolved to approve the syllabi and model question papers for I and II semesters w.e.f. 2024-25, with revisions to improve clarity and incorporate scenario-based questions.

Agenda-4: Approval of the List of Paper Setters and Examiners for PG for the Academic Year 2024-25

Discussion:

The proposed list of paper setters and examiners was presented for review, with members scrutinizing the selection criteria. Dr. T. Sudarsana Reddy emphasized the importance of including individuals with diverse academic expertise and significant experience to maintain high standards in evaluation.

K.V. Ganesh Kumar suggested including younger faculty members alongside senior academicians to ensure a blend of experience and fresh perspectives. However, Ch. Sanjeev Kumar raised concerns about potential bias and conflict of interest, urging the need for strict impartiality guidelines. Members discussed the practical challenges of coordinating with external experts and suggested early communication and clear timelines to avoid delays.

The Chairperson assured the committee that all nominees were vetted for their qualifications and experience, and their inclusion was based on merit. After further deliberation, the committee agreed to approve the list with a few additional recommendations for diversity and transparency.

Resolution:

It was resolved to approve the finalized list of paper setters and examiners for the Academic Year 2024-25, with measures to ensure impartiality and timely coordination.

Agenda-5: Approval of New Guidelines on Internal Evaluation Issued by the Academic Cell of GCRJY

Discussion:

The proposed internal evaluation guidelines were reviewed, with members debating the merits of continuous versus periodic assessment. Dr. D. V. Nageswara Rao highlighted the benefits of continuous evaluation in providing a holistic picture of a student's progress, but Ch. Sanjeev Kumar raised concerns about the additional workload this might create for both students and faculty.

Saladi Sivaji proposed leveraging technology, such as online quizzes and automated grading systems, to streamline assessments and reduce manual effort. K.V. Ganesh Kumar stressed the need for transparency and fairness, suggesting that rubrics and evaluation criteria be clearly communicated to students.

The committee also discussed the weightage for internal evaluations, with suggestions to cap it at a reasonable percentage to ensure it complements rather than overshadows end-semester assessments. After detailed deliberation, it was agreed that continuous assessment methods would be adopted, supported by technology, and with clearly defined criteria.

Resolution:

It was resolved to approve the new internal evaluation guidelines, emphasizing continuous assessment, technology integration, and transparent evaluation criteria.

Aagenda-6: Approval of Guidelines on Indian Knowledge Systems (IKS) and Transdisciplinary Courses Issued by the Academic Cell

Discussion:

The Chairperson introduced the guidelines for integrating Indian Knowledge Systems (IKS) and transdisciplinary courses into the curriculum. Dr. G. Venkata Rao passionately argued for the inclusion of IKS, stating that it not only preserves India's cultural heritage but also offers unique perspectives on contemporary issues like sustainable development.

However, K. Ananda Rao expressed concerns about the feasibility of integrating IKS into an already packed syllabus, questioning whether sufficient resources and trained faculty were available. Dr. T. Sudarsana Reddy suggested introducing IKS as modular or elective courses, allowing students to explore them without burdening the core syllabus. Members debated the relevance of transdisciplinary approaches, with some highlighting their potential to foster innovative thinking and others cautioning against diluting subject-specific depth.

The discussion concluded with agreement on a phased implementation strategy for IKS and transdisciplinary courses, ensuring adequate faculty training and resource allocation.

Resolution:

It was resolved to approve the guidelines for IKS and transdisciplinary courses, with a phased implementation plan and modular approach to ensure seamless integration.

(Attended on line)

University Nominee

Subject Expert-I 25/11/24

Subject Expert-II
25.11.2024

Chairman of Board of Studies 25/11/2024

GUIDELINES

1. The following two options to be kept for offering two-year PG programmes (M. A., M. Com and M. Sc.) in the college.

   I. First two semesters core courses, third-semester Research Methodology courses, and fourth-semester Research Project.

   II. First three semesters' course papers and fourth semester with Project

2. The duration of the masters programme for students joining with three year UG Programme will be two years with four semesters, each semester with 90 working days.

3. The duration of the programme for those joining with a 4 year UG Honours/ Honours with Research Degree shall be one year with 2 semesters, each Semester with 90 working days.

4. A student exiting after completing all the courses of the 1st year of programme shall be awarded PG diploma with an option to re-enter the programme within 2 years.

5. A student who has completed 4 years UG Honours Degree is eligible for lateral entry into the 2nd year/3rd semester of the 2-year PG program with either research in 3rd and 4th semesters or with coursework only in 3rd semester and project work in 4th semester.

6. An undergraduate with 4-year UG Honours with Research is eligible for lateral entry only into the 2nd year/3rd semester of the 2-year PG program with Coursework in 3rd semester and Project Work in 4th Semester.

7. While awarding the postgraduate degree for a one-year PG with lateral entry, the provisional certificate and the degree conferred shall clearly mention that the student is awarded a one-year post graduate program after completing a four-year UG Honours program and also the number of credits secured by the students in the 4-year UG program shall be mentioned.

8. The student has to secure the required number of credits as mentioned in the framework for the respective programmes to obtain PG Diploma at the end of Semester II.

9. While awarding the post graduate degree for a one-year PG re-joined students with one- year PG Diploma after 3 years of UG, the provisional certificate and the degree conferred shall clearly mention that the student is awarded a one-year post graduate program after completing a one-year PG Diploma and also the number of credits secured by the students in the one-year PG Diploma shall be mentioned.

25/11/24

STRUCTURE OF THE PRGORAMME

10. The first two semesters will contain 7 theory courses for M.A, M.Sc., M.Com

- 3 core courses
- 2 skill courses
- 1 open online transdisciplinary course
- 1 course on Indian knowledge system (Auditing only)

11. The Project work dissertation submitted by students at the end of 4th Semester to be checked critically to avoid any overlap with any previously published work. The guidelines for the plagiarism check will be according to the UGC guidelines. The plagiarism shall not exceed 30%. The course coordinator shall have choice to select the courses based on need & availability.

12. The teaching hours per week for each theory course for shall be 5 hours with 4 credits respectively.

13. For online courses the following credit distribution shall be followed

No. of Credits	Duration of Online course
1 Credit	4 weeks
2 Credits	8 weeks
3 Credits	12 weeks
4 Credits	16 Weeks

14. 12 credits will be awarded to the project work. The remaining 8 credits for 4th semester can be obtained by completing skill oriented courses from MOOCS platforms. The teachers can also offer online classes on some subject specific/research oriented skill courses.

15. The Guidelines which were followed while framing Syllabus

- Each course/Paper consist of 4 units with appropriately distributed syllabus
- While designing the syllabus the departments need to focus on the topics covered in various competitive exams like CSIR/UGC NET, SET, GATE, etc.
- Skills papers are designed in accordance with opportunities for employment and entrepreneurship
- There shall be choice of 50% in skill papers for first two semesters

25/11/24

2 – Year Master of Arts (M.A) with coursework in first 3 semesters and project work in 4th semester of II year

Semester	Courses	Title of the Course	Level of Course	Theory		
				H	Cr	MM
Sem-1	Core Course 1	Micro Economics	500-599	5	4	100
	Core Course 2	Macro Economics	500-599	5	4	100
	Core Course 3	Indian Economy	500-599	5	4	100
	Skill Oriented Course1	Advanced Theories in Development Economics / Contemporary Developmental Issues in Indian Economy	400-499	4	4	100
	Skill Oriented Course 2	Statistical methods for Economics/ Gender and Social Economics	400-499	4	4	100
	Open Online/Offline Trans disciplinary Course 1	Constitutional Economics	300-399	0	2	50
	Indian Knowledge System 1	Introduction to Indian knowledge system	200-299	2	0	Audit Course
	End of Sem 1			25	22	
Sem-2	Core Course 4	Public Economics	500-599	5	4	100
	Core Course 5	Development Economics	500-599	5	4	100
	Core Course 6	International Economics	500-599	5	4	100
	Skill Oriented Course3	Basics Econometrics/Computer Application for economic analysis	400-499	4	4	100
	Skill Oriented Course 4	Behavioural Economics/ Demography	400-499	4	4	100
	Open Online Trans disciplinary Course 2	One of the course will be chosen by the list given in the point 21 below	300-399	0	2	50
	Indian Knowledge System 2	Indian Intellectual Heritage	200-299	2	0	Audit Course
	End of Sem 2			25	22	
Sem-3	Core Course 7	Mathematical Methods in Economics	500-599	5	4	100
	Core Course 8	Labour Economics	500-599	5	4	100
	Core Course 9	Environment Economics	500-599	5	4	100
	Skill Oriented Course5	Industrial and Infrastructural Economics/Economics of Education and Health	400-499	4	4	100
	Skill Oriented Course 6	Cooperative Economics /Corporate Social Responsibility	400-499	4	4	100
	End of Sem 3			23	20	
Sem-4	Open Online Skill Development Course	Economics of Banking and Finance Markets by Prof Sukumar Vellakkal,IIT Kanpur -12 Weeks	**300-399**	-	8	
	Project Work	-	**400-499**	-	12	200
	End of Sem 4			0	20	
	Total Hours/Credits			73	84	

25/11/24

IKS AND TRANS DISCIPLINARY COURSES

16. The IKS course to be monitored and completion of the course to be ensured by the course coordinator of the department (The students may be asked to submit an assignment, which shall be certified by Head of the department).

17. Any two courses on Indian knowledge system (IKS) to be introduced in the curriculum (one IKS course each in first two semesters). These courses can be common for all PG courses.

    Suggested courses in IKS

    a. Introduction to Indian knowledge system for 1st Semester
    b. Indian intellectual heritage for 2nd semester

18. The Head of the Department shall allocate a mentor to the students to monitor and track student's progress on Swayam Course/Online courses.

19. Apart from mandatory online courses, the departments may map and deliver 20% of Skill or Core Courses through online platforms like Swayam or NPTEL. However, this is permitted for 20% of the total courses offered in the programme. For example, if 10 courses are offered in a programme, 2 courses can be taught online.

20. The open online courses can be opted from SWAYAM or any MOOCS platform. The students may be allowed to take the final test/SA from the same online platform. In case of the online test dates mismatch with semester end exams, the College/Department shall conduct the final exam.

21. The following open online trans disciplinary and open online skill development courses, giving a choice to the students to choose one/two courses from that list and to complete them to earn required credits.

    A. Energy Resources, Economics, and Sustainability - IIT Roorkee – 8 Weeks
    B. Infrastructure Economics - IIT Patna - 8 Weeks
    C. Microfoundations Of Macroeconomics - IIT Kanpur - 8 Weeks
    D. Foundation Course in Managerial Economics - IIT Kharagpur

25/11/24

ASSESMENT

22. The following method of assessment shall be followed

- The maximum marks for all theory courses shall be 100
- The distribution of marks between Summative (which occur at the end of a course or semester) and Formative or internal assessments shall be 60%: 40%.

23. The pass minimum for formative/internal assessment will be 50%.

24. The student has to obtain 40% marks in both internal and external separately.

25. The pass minimum for the summative assessment shall be 40% (i.e., 24 out of 60) in theory courses

26. The summative assessment will be double fold for ensuring reliability and validity. Assessment shall be made by the internal and external examiners. If there is a deviation of 20% in assessment by the internal and external examiners, third valuation shall be carried out and the best among these three will be considered.

27. It is suggested that one of the core/skill courses in Semester – 1 or Semester -2 may be considered for Open Book Examination.

28. The following model be adopted for Formative/Internal Assessment in theory courses:

a) First internal examination – Descriptive type for 20 marks
b) Second internal examination – Multiple choice (20 questions each carries 0.5 marks) for 10 marks
(Note: There will be negative marking of 1/8 marks for each wrong answer.)
c) 5 marks for assignment
d) 5 marks for student seminar/Participation in national or international seminar

29. Award of grades: For all Post Graduate programs (M.A, M.Sc., and M.Com.)

Range of Marks	Grade	Grade point	
≥ 90 ≤ 100	O	10	Out Standing
≥ 80 < 90	A+	9	Excellent
≥ 70 < 80	A	8	Very Good
≥ 60 < 70	B+	7	Good
≥ 55 < 60	B	6	Above Average
≥ 50 < 55	C	5	Average
≥ 40 < 55	P	4	Pass
< 40	F	0	Fail
	NA		Absent

Note: A candidate will be declared to be passed with distinction only if he/she gets a grade A and above, provided if he/she passes all the courses in regular mode and in single attempt in every semester.

25/11/24

SEMESTER- I

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -101	**TITLE OF THE COURSE MICRO ECONOMICS**				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

1. To understand the core principles of Microeconomics
2. To illustrate the Microeconomic theories in practical analysis

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Analyze the optimization strategies of various markets
CO2	Identify the basic mathematical concepts underlying economics.
CO3	Understand Utility Maximization and consumer behavior
CO4	Interpret Profit and cost theories

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I: The Market: Understanding Demand and Supply

Objectives of Firm- Optimization- Equilibrium- Pareto Efficiency

UNIT II: Utility Maximization

Demand Function; Inverse Demand Function- Consumer Preferences; Revealed Preferences: WARP and SARP- Langrange Multiplier - Slustky Equation

UNIT III: Profit and Cost Theory

Asset Markets - Demand for factors; MRTS - Uncertainty and Risk - Cobb-Douglas Production Function - Duality Principles

UNIT IV: Understanding Market Structure

Monopoly; Lerner's Monopoly power – Pricing Strategies; Social Costs Monopoly - power;Price Discrimination, Dumping and Bundling - Location Model of Product Differentiation- Monopsony, Bilateral Monopoly - Oligopoly: Price Rigidity, Strategizing, Price Leadership, Limit Pricing, Anti-trust Laws

List of Basic Reference Books:

1. Gravelle, H. and R. Rees (2004). *Microeconomics*. Pearson Edition.
2. Knutson, J., April 14 (2013) Perfect Competition Efficiency in Perfectly Competitive Markets* "Wheat on the Defensive in the Northern Plains." Agweek, Associated Press State Wire: North Dakota (ND).
3. Mas-Colell, (2005) Microeconomic Analysis , A., M.D. Whinston, and J. Green, Oxford University Press.
4. Varian, (1992) Microeconomic Analysis, H.R. WW Norton & Co.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
MICRO ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (A) How does Pareto Efficiency Relate to Concept of Optimality.?

(OR)

(B) Explain how does Equilibrium relate to the law of demand and law of supply.?

2. (A) Evaluate the effect of a change in consumer preferences on market demand while using inverse demand function.?

(OR)

(B) Write a notes on the slutsky equation's relation to the Hicksian and the Walrasian demand function.?

3. (A) What is the asset market approach to exchange rate determination.?

(OR)

(B) State the Cobb – Douglas Production Function.? Explain its Properties.?

4. (A) What is the Lerner index for measuring Monopoly Power .?

(OR)

(B) Describe the role of interdependence in oligopoly price rigidity .?

SECTION – B

II. Answer any FIVE of the following questions **5X4=20**

5. Objectives of Firm
6. Types of Equilibrium
7. Explain Langrange Multiplier
8. Weak Axiom and Strong Axiom of Revealed Preference
9.Law of Marginal Rate of Technical Substitution
10. Describe Duality Principles
11. Characteristics of Bilateral Monopoly
12. Hotelling's Location Model of Product Differentiation

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
MICRO ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -102	**TITLE OF THE COURSE MACRO ECONOMICS**				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

To illustrate the core principles of Macroeconomics -To demonstrate the relationship between unemployment and inflation - To correlate the significance of Monetary and Fiscal policies To illustrate the Microeconomic theories in practical analysis

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Describe National Income Accounting
CO2	Evaluate Unemployment and Inflation strategies.
CO3	Compare efficacy of Monetary and Fiscal Policies
CO4	Understand the Government Budget Constraints

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I: National Income Accounting

Measurement of GDP, GVA, CPI and WPI - Components of GDP- Real vs Nominal GDP - GDP and welfare

UNIT II : Unemployment and Inflation

AS-AD model - Inflation: Classical Theories of Inflation, Recession, Depression, Cost of Inflation - Identifying Unemployment, Job search, Efficiency Wages - Philip's Curve; Okun's Law

UNIT III : Monetary and Fiscal Policy

IS-LM analysis; Mundell-Fleming model - Central Bank and Monetary policy: Targets, Instruments and Indicators; - Uncertainty and Economic Policy; Expectation and Reactions; Taxonomy; Stabilization policy; Rules versus Discretion; Policy lags

UNIT IV : Government Budget Constraints

Investment Spending - National Debt: Current Account Balance, Foreign Exchange - Debt financing: Taxation, Bond Financing, Ricardian Equivalence.

List of Basic Reference Books:

1. D'souza, (2008) Pearson Education, New Delhi.
2. Dwivedi, (2008) Principles of Economics, D.N. Vikas Publishing House, New Delhi.
3. Mankiw, N. Gregory, (2003) Macroeconomics, 6e., New York: Worth Publishers.
4. Stiglitz, (2000) J New Economics of Public Sector, 3e., York: W.W. Norton & Co

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
MACRO ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I. Answer all the following question **4X10=40**

1. (A) Define GDP and GVA.? And Describe the Components of GDP.?

(Or)

(B) What is Economic Welfare.? Explain its relation with a country's national income.?

2. (A) The intersection of the Aggregate Supply and Aggregate Demand function [AS – AD Model] determines the equilibrium level of output and employment. Discuss.

(Or)

(B) Explain the classical theory of inflation .?

3. (A) How does the IS–LM explain the interaction between fiscal and monetary policies.?

(Or)

(B) Explain the Objectives , Instruments and Indicators of Monetary Policy.?

4. (A) What is Investment Spending.? Explain the types of Investment Spending.?

(Or)

(B) Describe the theory of Recardian Equivalance.?

SECTION – B

II. Answer any FIVE of the following questions 5X4=20

5. Measurement of CPI and WPI
6. Explain Real GDP and Nominal GDP
7. Philip's Curve
8. How is Okun's law useful for measuring unemployment
9. Briefly explain mundell-fleming model
10. What are the instruments of stabilization policy
11. Explain Bond Financing
12. Components of Current Account Balance [CAB]

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
MACRO ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -103	**TITLE OF THE COURSE INDIAN ECONOMY**				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

Objective: India economy has undergone a great change in so far as the basic mode of its operational techniques is concerned. Among other things, it has called for change in the syllabus to keep pace with emerging realities.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Analyze national income trends, employment patterns, and price behavior to understand India's economic performance.
CO2	Evaluate the growth, productivity, and policy reforms in agriculture and industry to assess their impact on India's economic development.
CO3	Assess the development and financing of physical, financial, social, and institutional infrastructure to understand its role in India's economic growth.
CO4	Apply knowledge of public finance and economic reforms to analyze fiscal policy, taxation, and deficit financing, and evaluate their effects on India's economy.

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Module I: National Income, Employment and Price Behaviour

National income – Trends in growth and structure, performance of different sectors. Employment and unemployment: Recent trends and estimates – Changing structure and emerging issues – Labour market reforms - Inflation: Recent trends in prices in India and its causes, price stability.

Module II: Agriculture and Industry

Agricultural performance: Growth and productivity - Economic reforms and their impact on agriculture – Agricultural policy — Institutional reforms. Evolution of Indian industries: An overview – Evaluation of industrial policies of 1948 and 1956 – PSUs: Performance and shortcomings – PSUs and disinvestment debate - Economic reforms and industry.

Module III: Infrastructure

Physical infrastructure: Power, transport and communication – Financial infrastructure: Bank – Social

infrastructure: Education and healthcare – Institutional infrastructure: Market - Financing infrastructure: Problems and policies.

Module IV: Public Finance and Economic Reforms

Trends in revenue and expenditure of central & state governments – Public debt – Characteristics of tax reforms in India – Deficit financing and price behaviour in India: Consequences and policy suggestions Rationale for economic reforms – Main components of reforms – Evaluation of reforms – Impact of WTO on Indian economy – Foreign capital and MNCs in India.

List of Basic Reference Books:

1. Bardhan, P., The Political Economy of Development in India, Oxford University Press, New Delhi, 1999.
2. Jalan, B., The Indian Economy—Problems and Prospects, Viking, New Delhi, 1992.
3. Ahluwalia, I. J. and I. M. D. Little (eds.), India's Economic Reforms and Development (Essays in Honour of Manmohan Singh), Oxford University Press, New Delhi, 1999.
4. Kapila, Uma (Ed.), India's Economic Reforms, Academic Foundation, New Delhi.
5. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
6. Parikh, K.S., India Development Report – 1999-2000 and 2001-02, Oxford University Press, New Delhi.
7. Byres, T. J. (Ed.), The Indian Economy: Major Debates Since Independence, Oxford University Press, New Delhi, 1998.
8. Dreze, J. and A. Sen, India: Economic Development and Social Opportunities, Oxford University Press.
9. Dutt and Sundaram, (Latest edition) Indian Economy, S.Chand and Company, New Delhi.
10. Mundle, S., Public Finance: Policy Issues for India, Oxford University Press, New Delhi, 1999.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
INDIAN ECONOMY (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (a). Analyze the trends in India's national income growth and structural changes in the economy since independence.

   (Or)

   (b) Discuss the recent trends and estimates of employment and unemployment in India

2. (a) Evaluate the performance of Indian agriculture since independence,

   (Or)

   (b) Discuss the evolution of Indian industries, evaluating the industrial policies of 1948 and 1956.

3. (a) Discuss the importance of physical infrastructure (power, transport, and communication) for India's economic growth.

   (Or)

   (b) Analyze the social infrastructure in India

4. (a). Discuss the rationale for economic reforms in India

   (Or)

   (b) Examine the impact of WTO on India's economy

SECTION – B

II) Answer any FIVE of the following questions 5X4=20

5. Explain the Phillips Curve and its relevance to India's economy.
6. What are the main causes of inflation in India?
7. What are the main features of India's agricultural policy?
8. Explain the concept of Green Revolution and its impact on Indian agriculture.
9. Explain the concept of infrastructure and its types.
10. Explain the role of banking sector in India's financial infrastructure.
11. Define public finance and explain its importance.
12. What are the main features of India's disinvestment policy?

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
INDIAN ECONOMY (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -104 A	TITLE OF THE COURSE ADVANCED THEORIES IN DEVELOPMENT ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

This course is to provide the comprehensive understanding about the advanced concepts, theories and debating issues in development economics with focus on developing countries.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the concepts and measurements of poverty, inequalities and unemployment as indicators of Development.
CO2	Discuss relative merits of various advanced growth models;
CO3	Distinguish between various theoretical models of underdevelopment and development.
CO4	Explain various growth strategies and appropriateness for developing countries

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit 1: Development Concept and Measurement Indicators

Concept of Economic development and its multi dimensions; Human Development: Concept, Measurement of HDI; Sustainable Development and UN-SDGs • Poverty: Meaning and Concepts; Poverty Measurements: Head-Count Ratio, HPI, MPI • Unemployment: Meaning and Concepts; Unemployment Measurements • Inequalities: Concept and Types; Measurements of Inequalities: Lorenz Curve & Gini Index, Atkinson Index & Pulma Ratios

Unit 2: Technical Progress and Growth Models

Technical Progress: Concept and Types (Embodied & Disembodied; Hicks, Horrod & Solow); Total Factor Productivity • Growth and Distribution Models: Kalecki's Theory, Kaldor's Model, Pasinetti's Model in brief • Arrow’s Learning by Doing Model; Endogenous Growth Model • Multi Sector Growth Models: Uzawa and Feldman models.

Unit 3: Theories of Underdevelopment and Development

Low Level Equilibrium Trap Theory; Models of Dualism: Social and Technological • Lew's Unlimited Supply of Labour Model and Fei Rains' Dual Economy Model • Cumulative Causation Model; Neo-Marxist Development Theory • Indian Development Models: Nehru, Ambedkar, Rao-Manmohan, Amartya Sen in brief

Unit 4: Growth Strategies for Developing Countries

Investment Criteria in Developing Countries: Social Marginal Productivity Criterion, Capital-Output Ratio Criterion, Marginal Per-capita Reinvestment Quotient Criterion, Time Series Criterion, Leading Sectors Criterion • Choice of Techniques and Economic Growth; Approaches to Choice of Techniques: Maurice Dobb's Approach, A.K. Sen's Approach in brief

Reference Books:

11. Ray, D. (2009), Development Economics, Princeton University Press.
12. Todaro M. P. and Stephen, C., Smith (2014), Economic Development, Pearson,
13. Hayami and Godo: Development Economics, Oxford Publication.
14. Lokanathan, History of Economic Thought
15. Sen, A., (1999), Development as Freedom, Oxford University Press.
16. Thirlwall A. P., (2005), Growth and Development, Palgrave Macmillan; 8th Edition.
17. Chenery, Hollis and T. N. Srinivasan, (1998), Handbook of Development Economics, Elsevier.
18. Basu, Kaushik (2000), Analytical Development Economics: The Less developed Economy: Revisited, Oxford University Press, India

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
ADVANCED THEORIES IN DEVELOPMENT ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (A) Critically analyze the concept of Human Development Index (HDI) and discuss its limitations in capturing the true picture of development.

(OR)

(B) Explain the concept of poverty and discuss the various measures used to assess poverty levels in developing countries.

2. (A) What is technical progress? Discuss the various types of technical progress and their impact on economic growth.

(OR)

(B) Critically evaluate the Solow Growth Model and discuss its limitations in explaining long-run economic growth.

3. (A) Explain the concept of dualism and discuss the Lewis model and the Fei-Ranis model of dual economy.

(OR)

(B) Critically analyze the contributions of Amartya Sen to the understanding of development.

4. (A) Discuss the various investment criteria used in developing countries and their implications for economic growth.

(OR)

(B) Explain the concept of choice of techniques and discuss the approaches of Maurice Dobb and A.K. Sen.

SECTION – B

Answer any FIVE of the following questions **5X4=20**

5. What is the concept of sustainable development? Discuss the UN-SDGs.
6. Explain the concept of inequality and discuss the measures used to assess inequality.
7. Discuss the concept of Total Factor Productivity (TFP).
8. Briefly explain the Kaldor model of growth and distribution.
9. Discuss the concept of low-level equilibrium trap.
10. Briefly explain the Neo-Marxist theory of development.
11. Discuss the concept of Social Marginal Productivity Criterion.
12. Explain the concept of Leading Sectors Criterion.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
ADVANCED THEORIES IN DEVELOPMENT ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -104 B OPTIONAL	TITLE OF THE COURSE CONTEMPARARY DEVELOPMENT ISSUES IN INDIAN ECONOMY				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

This course aims to impart knowledge and understanding on various important and widely debated contemporary developmental issues in Indian Economy topic.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Evaluate the debate on growth vs distributive justice with reference to prevailing magnitude of poverty, inequalities and unemployment in India
CO2	Review the demographic dynamics and critically examine the recent trends and challenges in the agricultural development in India
CO3	Discuss opportunities and challenges of Industry 4.0 and 5.0 and evaluate policy initiatives and programmes for physical and digital infrastructure
CO4	Summarise the trends in the social sector development with focus on challenges and solutions in Education, Health, Banking, Finance and Insurance.

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit-1: Development Debate and Macroeconomic Issues in India

Development Debate: High Economic Growth vs Distributive Justice and Environmental Sustainability Corruption & Crony Capitalism vs Institutional Efficacy; Challenges in Making India as $5 Trillion Economy Controlling of High Inflation and Policy Efficacy Issues; New Types of Unemployment and Measures • Poverty Reduction Debate; Problems of Growing Income & Wealth Inequalities; Challenges in Raising Human Development

Unit-2: Demography and Agricultural Sector in India

Demography: Regional Variations in Population Growth and their Implications • Changes in Age Structure and its Implications; Reaping Demography Dividend and Challenges • Agricultural Sector: Yield Gaps of Major Crops and Actions; Crop Diversification for Nutritional Food; Sustainable Agriculture and Policy Measures • Challenges in Doubling Farmers Income; Three Farm Bills and Problems; Resurgence of Cooperatives and FPOs

Unit-3: Industry and Infrastructure in India

Industrial Sector: Missing Share of Manufacture Sector and Policy Measures • Opportunities and Challenges in Industry 4.0 & 5.0 62 • Reviving MSMEs; Problems of Industrial Labour and New Labour Codes; Issues in PSU's Disinvestment • Infrastructure: Challenges in Building Modern Physical Infrastructure and Programs; Prospects of Digital Infrastructure and Measures

Unit-4: Service Sector in India

Education Sector: Poor Quality Standards and Measures; EduTech Companies; Challenges in Skill Development and Programs • Problems in Public Health, Malnutrition and Measures • Gig Economy and its OpportUnities & Challenges; Challenges in Insurance Sector and Measures Banking Sector: Digital Financial Services, FinTech Companies • Banking Sector: Digital Financial Services, FinTech Companies; Features of IBC

Reference Books:

1. Gaurav Datt and Ashwani Mahajan (2023), Datt & Sundharam's Indian Economy, S. Chand and Co. New Delhi.
2. Agarwal. A. N. (2016). Indian Economy, Wiley Eastern Ltd, New Delhi.
3. Ramesh Singh (2021), Indian Economy,. McGraw Hills, New Delhi.
4. Economic Surveys of India, Other Official Surveys, Committee Reports
5. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, SWAYM, Khan Academy etc.
6. Websites of Concern Ministries of Govt of India, RBI, NITI Aayog

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
CONTEMPORARY DEVELOPMENT ISSUES IN INDIAN ECONOMY (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (A) Critically analyze the trade-off between high economic growth and distributive justice in the Indian context.

(OR)

(B) Discuss the challenges India faces in controlling inflation and the efficacy of various policy measures implemented to address this issue.

2. (A) Examine the implications of India's demographic dividend and discuss the challenges and opportunities associated with it.

(OR)

(B) Analyze the problems faced by the Indian agricultural sector and propose policy measures to double farmers' income.

3. (A) Discuss the challenges faced by the Indian manufacturing sector and propose strategies to increase its share in the economy.

(OR)

(B) Critically evaluate the impact of India's infrastructure development on economic growth and identify the key challenges in building modern infrastructure.

4. (A) Analyze the challenges faced by the Indian education sector and discuss the role of EdTech companies in addressing these challenges.

(OR)

(B) Critically evaluate the impact of the gig economy on the Indian labor market and discuss the challenges and opportunities associated with it.

SECTION – B

II) Answer any FIVE of the following questions 5X4=20

5. What are the key challenges in making India a $5 trillion economy?
6. Discuss the concept of crony capitalism and its impact on India's economic development.
7. What are the regional variations in population growth in India?
8. Discuss the concept of sustainable agriculture and its importance.
9. What are the challenges faced by MSMEs in India?
10. Discuss the role of PSUs in India's economic development.
11. What are the challenges faced by the Indian healthcare sector?
12. Discuss the features of the Insolvency and Bankruptcy Code (IBC).

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -105 A	**TITLE OF THE COURSE STATISTICAL METHODS FOR ECONOMICS**				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

To enable students to understand basic as well as advanced concepts of statistics and its applications in economics.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Analyze economic data sets using measures of central tendency and dispersion, and design effective sampling methods for surveys.
CO2	Apply probability rules, Bayes theorem, and random variable distributions to solve real-world economic problems.
CO3	Conduct hypothesis testing using Z, T, chi-square, and F tests, while understanding significance levels and error types.
CO4	Interpret relationships using correlation and regression techniques and construct and evaluate index numbers.

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit I: Descriptive Statistics and Sampling

Data sets in economics - qualitative, quantitative; scale; measures of central tendency; measures of dispersion; sampling methods: census, simple random sample with and without replacement, stratified sampling methods; designing a household sample survey.

Unit II: Probability and Distribution

Meaning and definition of probability; probability rules; addition rule; multiplication rule; Bayes theorem; conditional probability; concept of a random variable – discrete and continuous; expected values of a random variable; variance of a random variable; discrete random variables- Bernoulli; Binomial; Poisson, continuous random variables- the normal distribution, chi-square distribution.

Unit III: Hypothesis Testing

Testing of hypothesis - level of significance and level of confidence, confidence limits and critical region; tests of significance – type-I and type-II errors; goodness of fit; one tailed and two tailed tests; hypothesis testing based on Z-test, T-tests, chi-square and F tests

Unit IV: Correlation, Regression and Index Numbers

Correlation – meaning and scope; Karl Pearson's coefficient of correlation; rank correlation; partial and multiple correlation; regression – meaning and scope; simple and multiple regression; index numbers- types and construction, time and factor reversal test

Reference Books:

1. Rice J. A. (1995). Mathematical Statistics and Data Analysis (3rd ed.). Thomson Brookes/Cole: USA.

2. Barrow M. (2006). Statistics for Economics, Accounting & Business Studies (7th ed). Pearson: New Delhi.

3. Hogg R. V. & A. T. Craig Hogg. (1970). Introduction to Mathematical Statistics. Macmillan Publishing & Co.: New York.

4. Gupta S. C. (2011). Fundamentals of Statistics. Himalayan Publishing House: New Delhi.

5. Gupta S. P. (2012). Statistical Methods. Himalayan Publishing House: New Delhi.

6. Floyd J. E. (2010). Statistics for Economists: A Beginning. University of Toronto.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
STATISTICAL METHODS FOR ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (A) Explain the differences between qualitative and quantitative data with examples from economics.

(OR)

(B) Explain different types of sampling

2. (A) What is probability? Explain the addition rule with examples.

(OR)

(B) Discuss the characteristics of a normal distribution and its importance in statistics.

3. (A) Define Type-I and Type-II errors in hypothesis testing with examples.

(OR)

(B) Discuss the importance of the Z-test in hypothesis testing.

4. (A) What is rank correlation? Explain its significance in data analysis.

(OR)

(B) What are index numbers? Explain the steps involved in constructing a price index.

SECTION – B

Answer any FIVE of the following questions **5X4=20**

5. What are measures of dispersion
6. Stratified random sampling
7. Multiplication theorem
8. Chi-square distribution
9. level of significance in hypothesis testing?
10. T-test
11. Correlation
12. types of index numbers.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
STATISTICAL METHODS FOR ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code ECO -105 B OPTIONAL	TITLE OF THE COURSE GENDER AND SOCIAL ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

This course aims to equip students with the knowledge to understand and address gender and social issues in Indian economic development.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Analyse and evaluate concepts, approaches, and indices in gender development.
CO2	Understand demographic trends and labour market dynamics for women in India
CO3	Gain a comprehensive understanding of the gender issues prevalent in Indian economic development
CO4	Demonstrate a deep understanding of the concepts of social justice and theories of social discrimination

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Module 1: Gender Development Concepts and Approaches & Indices

Concept of Gender; Patriarchy and its Implications on Gender • Gender Equality & Empowerment: Concept and Role in Economic Development • Gender Development Indices: GDI, GII (Inequality) and GEM (Empowerment). • Gender Development Approaches: WID, WAD, GAD and WED (Entrepreneurship)

Module 2: Demography and Labour Market for Women in India

Gender-wise Demography in India: Sex Ratio, Fertility Rates, Labour Force Participation; 'U' Hypothesis • Gender in Ownership: Access to Resources and Decision Making • Social Security: Safety & Security to Women in India • Labour Market Barriers for Women in in India: Visible & Invisible, Paid & Unpaid work, Time Poverty, Informalisation, Theory of Wage Discrimination and Differentials in brief

Module 3: Gender Issues in Indian Economic Development

Feminisation of Poverty: Gender Inequalities in Land, Public Services, Entrepreneurship, Education, Health in India • Women in Access to Finance and Insurance Services • Role of Micro Finance and Self-Help Groups in Women's Development • Gender Budget and Women Empowerment Policies & Programs in India

Module 4: Concepts of Social Justice and Theories of Social Discrimination

Concepts of Social Equality, Social Equity, Social Exclusion and Social Justice • Social Discrimination: Concept and Types • Theories of Discrimination: Ambedkar's Theory of Caste and Discrimination & Social Exclusion, George Akerlof's Identity Theory of Discrimination, • Edmond Phelps' Statistical Theory of Discrimination- Caste, Social Exclusion and Poverty Linkages

Reference Books:

1. Boserup, E.(1970), Women's Role in Economic Development, George Allen and Unwin, London.

2. Seth, M. (2000): Women and Development: the Indian Experience, Sage Publications, New Delhi.

3. Seth, M. (2000), Women and Development; The Indian Experience, sage publications, New Delhi.

4. Kabeer, N. (1994): Reversed Realities: Gender Hierarchies in Development Thought, Kali for Women, New Delhi.

5. Krishnaraj, M., R.M. Sudarshan and A.Shariff (1999), Gender, Population and Development, Oxford University Press, New Delhi.

6. Ambedkar, B. R., "Castes in India: Their Mechanism, Genesis and Development", Paper Presented at Anthropology Seminar, 1916.

7. Akerlof, G. A. and Kranton, R. E., "Identity Economics: How Our Identities Shape Our Work, Wages and Well-being", Princeton University Press, 2011.

8. Becker, G., "The Economics of Discrimination,", University of Chicago Press, 2nd Edition, 1971.

9. Thorat, S. K., "Caste System in India: Social and Economic Exclusion and Poverty", Indian Institute of Dalit Studies, 2004

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS ECO -105 B
GENDER AND SOCIAL ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I.Answer all the following question **4X10=40 Marks**

1. (A). Discuss the concept of patriarchy and its implications on gender relations in society.

   (Or)

   (B) . What is gender equality, and why is it essential for economic development? Discuss with examples

2. (A). Analyze the trends and patterns of sex ratio in India, highlighting regional disparities and implications.

   (Or)

   (B) Illustrate the 'U' Hypothesis in the context of female labor force participation in India, explaining its significance.

3. (A). Discuss the role of microfinance and self-help groups in promoting women's economic empowerment in India.

   (Or)

   (B) Examine the challenges faced by women in accessing finance and insurance services in India, suggesting policy interventions.

4. (A) Compare and contrast George Akerlof's Identity Theory of Discrimination with Edmond Phelps' Statistical Theory of Discrimination.

   (Or)

   (B).Examine the linkages between caste, social exclusion, and poverty in India.

SECTION – B

II**. Answer any FIVE of the following question** **5×4=20 Marks**

5. Gender Development Index (GDI)
6. Gender Empowerment Measure (GEM)
7. Identify visible and invisible barriers to women's labor market participation in India,
8. Analyze the paid and unpaid work dynamics in India
9. Define feminization of poverty and its implications for Indian women.
10. Analyze the relationship between women's health and economic empowerment in India.
11. Define social justice and its significance in Indian society
12. What are the types of social discrimination? Provide examples.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
GENDER AND SOCIAL ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code Open Online/Offline Trans disciplinary Course l	**TITLE OF THE COURSE** **CONSTITUTIONAL ECONOMICS**				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		2	-	-	2

Course Objectives:

This course is to provide basic understanding about the Constitution as the basis for functioning of economy and its development and the interrelationship between these two in Indian context.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Identify the relationship between Constitution and Economic Development in India
CO2	Analyse the financial relations in Indian Constitution
CO3	Examine the budget and taxation provisions in Indian Constitution

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit: 1. Constitution and Economic Development

Importance of Constitution in Economic Development • Preamble and its Importance in functioning of Indian Economy • Fundamental Rights and their importance in functioning of free economy • Human rights in Indian Constitution and their importance in Economic development

Unit: 2. Financial Relations in Indian Constitution

Economic issues in Centre, State and Concurrent List • Fiscal Federalism and Center-State financial relations; Economic unity of India and Inter-State Trade & Commerce • Finance commission: Functions and latest Finance commission Report • Cooperative and Competitive Federalism; Special status for certain States

Unit 3: Taxations Budget and in Indian Constitution

Concepts of Money Bill, Finance Bill • Constitution Provisions for Budget; Discussion and Approval

of Budget in Legislatures • Constitutional Provisions for various Taxes • GST System, GST Council

Reference Books:

1. Basu, D. D., "Commentary on The Constitution Of India", Lexis Nexis, 2nd Ed., Vol 1-2, 2015.
2. Seervai, H. M., "The Indian Constitution", Vol-I, II &III
3. Austin G. S., "The Indian Constitution: Cornerstone of A Nation", Oxford, 1999.
4. Krishnaswamy, S., "Democracy and Constitutionalism in India: A Study of the Basic Structure Doctrine", Oxford University Publication, 2010.
5. Reports of Finance Commission and CAG

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
CONSTITUTIONAL ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 50**

SECTION –A

Answer all the following question **3X10=30**

1. (A).Discuss the importance of the Constitution in India's economic development.

(Or)

(B) Examine the role of Fundamental Rights in promoting a free economy in India.

2. (A). Discuss the economic issues related to Centre-State financial relations in India.

(Or)

(B) Evaluate the impact of Cooperative and Competitive Federalism on India's economic growth.

3. (A). Analyze the significance of Money Bill and Finance Bill in Indian Constitution.

(Or)

(B).Evaluate the impact of GST System and GST Council on India's economic growth.

SECTION - B

II. Answer any FIVE of the following questions **5×4=20 Marks**

4. Explain the significance of the Preamble in the Indian Constitution.
5. Discuss the relationship between Human Rights and economic development in India.
6. Define Fiscal Federalism and its importance in India.
7. Discuss the functions of Finance Commission.
8. Define Money Bill and Finance Bill.
9. Discuss the types of taxes levied by Centre and States.
10. Constitutional provisions for budget
11. GST Council

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
CONSTITUTIONAL ECONOMICS (W.E.F.2024-25)
FIRST SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	3	5
Unit-II	2	3	5
Unit-III	2	2	5
Total Marks	60	32	92

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (I Sem)			
Course Code INDIAN KNOWLEDGE SYSTEM - 1	**TITLE OF THE COURSE** **INTRODUCTION TO INDIAN KNOWLEDGE SYSTEM**				
Teaching	Hours Allocated: 60 (**Theory**) **AUDIT COURSE**	L	T	P	C
Pre-requisites:		2	-	-	0

Course Objectives:

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	
CO2	
CO3	

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Semester-II

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -201	TITLE OF THE COURSE PUBLIC ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

To express the core principles of Public Economics To demonstrate the theory and logic of Taxation To illustrate the rationale of Public Expenditure To explain the rationale of Indian Public Finance.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Describe the Basic Concepts of Public Economics
CO2	Interpret Taxation Theory and Policies
CO3	Classify Public Expenditure Mechanism
CO4	To explain the rationale of Indian Public Finance

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I Basic Concepts

1. Role of government in organized society: changing perspective
2. Private goods, public goods, merit goods and Club goods
3. Theorems of Welfare Economics: Implications, Lump Sum Taxes and Transfers
4. Rationale for State Intervention: Market Failures and Externalities, Tax and Regulation
5. Distribution, Social Choice, Voting Rules, Arrow's Impossibility Theorem

UNIT II Taxation

1. Understanding Tax Theory: Direct vs. Indirect Taxes, Excess burden of taxes
2. Ability to Pay: Horizontal and Vertical Equity

3. Commodity Taxation: Tax Rules, Optimal Commodity Taxation, Public Sector Pricing

4. Income Taxation: Equity and Efficiency, Optimal Income Taxation

5. Taxation and Labor Supply, Theory of incidence

UNIT III Public Expenditure

1. Rationale for Public expenditure

2. Public Goods: Pure and Local, Optimal provision, Lindahl's Voluntary Exchange Approach

3. Preference Revelation mechanism

4. Private provision of Public Goods, Merit Goods, Club Goods,

5. Evaluation of Government Expenditure: Elements of Cost-Benefit analysis, Gender budgeting

6. Principles of debt management and repayment.

UNIT IV Indian Public Finance

1. Fiscal Federalism

2. Deficit financing and FRBM

3. India's Federal Structure: Taxation powers, Expenditure responsibilities, Intergovernmental transfers, VAT, GST

4. Fiscal Rules: Rationale, International and Indian Experiences and case

Reference Books:

1. Bhatia H. L. – (2018) and (2020) Indian Public Finance (29th and 30th edition).

2. Richard Musgrave (Author), Peggy Musgrave (Author) – 1 July (2017) Public Finance in Theory and Practice | 5th Edition Paperback

3. Joseph E. Stiglitz (Author), Jay K. Rosengard (Author), 17 April (2015), Economics of the Public Sector Paperback – Illustrated,

4. Jean Hindriks (Author), Gareth D Myles (Author) 12 May (2006) Intermediate Public Economics (OIP) Hardcover – Import.

5. John Cullis (Author), Philip Jones (Author) – Import, 12 March (1998) Public Finance and Public Choice Paperback

6. Gareth D. Myles (Author), 23 November (1995), Public Economics Paperback

7. Atkinson A.B. and J.E. Stiglitz, (1980) Lectures on Public Economics, New York: McGraw-Hill,

8. Bernard P. Herber (Author)– 1 December (1979) Modern Public Finance Hardcover.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
PUBLIC ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following questions **4X10=40**

1. (A) Discuss the changing role of government in organized society with examples of how this has evolved over time.

(OR)

(B) Explain the rationale for state intervention in the economy, focusing on market failures and externalities.

2. (A) Compare and contrast direct and indirect taxes, and analyze the excess burden associated with each.

(OR)

(B) Evaluate the concept of horizontal and vertical equity in taxation, explaining the significance of "ability to pay" in tax policy design.

3. (A) Describe the optimal provision of public goods and explain Lindahl's Voluntary Exchange Approach.

(OR)

(B) Discuss the principles of cost-benefit analysis and how they are used to evaluate government expenditure decisions.

4. (A) Discuss the structure and role of fiscal federalism in India, focusing on taxation powers and expenditure responsibilities.

(OR)

(B) Analyze India's experience with fiscal rules, specifically the Fiscal Responsibility and Budget Management (FRBM) Act, and its impact on deficit financing.

SECTION – B

II) Answer any FIVE of the following questions 5X4=20

5. Differentiate between public goods, private goods, and merit goods.
6. Arrow's Impossibility Theorem
7. Explain the concept of optimal commodity taxation and its relevance in public finance.
8. Briefly discuss the theory of tax incidence and its impact on labor supply.
9. Outline the rationale behind public expenditure and its importance in economic policy.
10. Differentiate between pure public goods and local public goods with examples.
11. Describe the Goods and Services Tax (GST) in India and its impact on intergovernmental transfers.
12. What are the main principles of debt management and repayment in India?

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
PUBLIC ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -202	TITLE OF THE COURSE DEVELOPMENT ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

To explain the basics of Development Economics To illustrate the basic indicators of development To learn classical theories and models of Economic Growth To classify the policy intervention in Indian context

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Understand key indicators of economic growth and development, including inclusive development measures and comparative analysis of countries.
CO2	Analyze foundational economic growth theories and structural change models to comprehend development dynamics.
CO3	Explore advanced theories of development, such as the Big-Push and O-Ring theories, and their relevance to economic progress.
CO4	Evaluate the role of markets, state policies, and historical frameworks in shaping India's economic development.

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I Indicators of Development

1. Economic growth to Economic Development: Inclusive development

2. Basic Indicators of Development: Per Capita Income, Gross Domestic Product, Sector-wise contribution to GDP, Human Development Index, Multidimensional Poverty Index, Gross National Happiness, Per Capita Resource Consumption, Nutrition and Calorie consumption 3. Population growth and Demographic indicators 4. Comparative analysis of Developed, Developing and Less-Developed Countries

5. Poverty, Inequality and Development: Lorenz Curves, Gini Coefficient

UNIT II Classic Theories of Economic Growth.

1. Linear Stage Theories: Rustow, Harrod-Domar

2. Structural Change Models: Lewis Theory, Chenery's Model

3. International Dependence Models: Neocolonial Dependence, False Paradigm

UNIT III Contemporary Models of Development

1. Multiple Equilibria

2. Big-Push Theory

3. O-ring Theory

UNIT IV Policy Intervention in Indian Context

1. Role of Market, State and Economy

2. History of economic development in the Indian context: Five-year plans, Finance commissions, NITI Aayog

Reference Books:

1. A. P. Thirlwall (Author) 4 February (2006) Growth and Development: With Special Reference to Developing Economies Hardcover

2. Debraj Ray (Author) 6 March (1998) Development Economics Hardcover

3. Michael Todaro (Author), Stephen Smith (Author)– 1 May (2020) Economic Development Paperback

4. Professor Gearld Meier (Author), Professor James E. Rauch (Author)- 10 February (2005) Leading Issues in Economic Development Paperback – Impor

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
DEVELOPMENT ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

Answer all the following question **4X10=40**

1. (A) Analyze the limitations of Per Capita Income as an indicator of development.

   (Or)

   (B) Discuss the implications of poverty and inequality on development using Lorenz Curves and Gini Coefficient.

2. (A). Critically evaluate the Linear Stage Theories of economic growth (Harrod-Domar).

   (Or)

   (B) Analyze the Structural Change Models (Lewis Theory, Chenery's Model) and their relevance to developing countries.

3. (A) Analyze the Big-Push Theory and its relevance to economic development.

   (Or)

   (B) Examine the O-ring Theory and its applications in development economics.

4. (A). Discuss the role of market, state, and economy in India's development.

   (Or)

   (B)Evaluate the impact of NITI Aayog on India's development

SECTION -B

II. Answer any FIVE of the following questions **5×4=20 Marks**

5. Define economic growth and economic development.
6. Explain the concept of Human Development Index (HDI)
7. Explain Rostow's Stages of Economic Growth.
8. Describe Lewis Theory of Economic Growth.
9. Explain the concept of Multiple Equilibria.
10. Explain the role of human capital in development.
11. Explain the significance of Five-Year Plans in India's development.
12. Discuss the importance of public-private partnerships in India's development.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
DEVELOPMENT ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -203	TITLE OF THE COURSE INTERNATIONAL ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

To understand the evolution of International Trade Policies To comprehend the trade analytics To interpret the WTO framework and its relevance in International Trade To apply the theory in practical application.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Differentiate Classical and New Trade Policy Approaches
CO2	Acquire Trade Analytics Skills
CO3	Interpret WTO Framework and its Role in International Trade
CO4	Apply Theory to Practical Trade Scenarios

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I Classical & New Trade Theories

1. Absolute and Comparative Cost Advantage Trade Theory : Ricardian Theory of Comparative Advantage, Heckscher-Ohlin Model, Leontief Paradox

2. New Post-Heckscher-Ohlin Theories of International Trade: Intra Industry Trade: Grubel and Lloyd Index

3. Derivation of Offer Curves and International Equilibrium

4. Arguments for Protection, Tariff, Quotas and Effective Protection

UNIT II Balance of Payments

1. Balance of Payments Accounting and Double Entry Book Keeping

2. Exchange Rates, Systems and Regimes including Overshooting: Derivation of MLR Condition

3. Income Distribution in an Open Economy

4. Adjustment Policies in an Open Economy: Application of MundellFleming Model

UNIT III Trade Analytics

1. Introduction to various trade database WITS, Trade-Map, Market Access Map (MAC Map), Use of ITC market, Analysis Tools, Indian Trade Portal

2. Introduction to various trade indicators Revealed Comparative advantage, Trade Intensity Index, Export Specialization Index

3. Introduction to Basic Indicators Trade GDP ratio (Trade Openness), Import Content of Exports and Externalorientation,VerticalSpecialization

UNIT-IV:WTOframeworkanditsrelevanceinInternationalTrade

1. Doha Development Round, Discussions from 2001 onwards

2. Problem of Tariff and Non-tariff Barriers on Merchandise and Service Trade with Case Studies

3. TRIPS, Trade Disputes settlements 4. Bilateral Trade Agreements and its impact on Trade Regional Trade Agreements

Reference Books:

1. Paul Krugman, Maurice Obstfeld, (25 May 2017) University of California, Berkeley, Marc Melitz, International Trade: Theory and Policy, Pearson Education; Tenth edition
2. Sodersten and Reed, Ch 11. 9. Schaum's Outline of International Economics, Dominick Salvatore, McGraw-Hill Education
3. WITS, Trade Map, ITC, FIEO
4. WTO Database

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
INTERNATIONAL ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

Answer all the following question **4X10=40**

1. (A) Explain the Ricardian Comparative Cost Advantage Trade Theory.?

(Or)

(B) Evaluate the Heckscher – Ohlin's Factor Endowment Theory of International Trade.?

2. (A) Evaluate the Importance of Double Entry Book Keeping in Balance of Payments Accounting.?

(Or)

(B) Describe the Adjustment Policies in an Open Economy.?

3. (A) Calculate the trade indicator of Revealed Comparative Advantage [RCA] for a country's exports.?

(Or)

(B) Describe the Indicators of trade openness of trade to GDP ratio and tariff rates.?

4. (A) What are the challenges facing the Doha Development Round.? Discuss.

(Or)

(B) Explain the Bilateral Trade Agreements .? And it's impact on regional trade agreements.?

SECTION -B

II. Answer any FIVE of the following questions **5×4=20 Marks**

5. Explain Leontief Paradox
6. Types of Import Quotas
7. Derivation of MLR Condition
8. Limitations of Mundell – Fleming Model
9. 9.Explain Market Access Map [MAC Map]
10. Features of Indian Trade Portal
11. Problems of Tariff and Non-Tariff Barriers
12. 12.Discuss the challenges in WTO trade dispute settlement

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
INTERNATIONAL ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -204 A	TITLE OF THE COURSE BASICS ECONOMETRICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

To understand the fundamentals of Econometrics To comprehend the classical linear regression model To learn the usage of limited dependent variables

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Estimate the Linear Regression Model
CO2	Interpret Regression with Dummy Variables
CO3	Calculate Limited Dependent Variables
CO4	Evaluate models for analysis

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

UNIT I The Classical Linear Regression Model Assumptions

1. Estimation and Inference

2. Ordinary Least Square (OLS) estimation: The Classical assumptions; Gauss-Markov Theorem and properties of the OLS estimators

3. Interval Estimation and Hypothesis Testing; Interpreting Regression results.

UNIT II Shortcomings of Classical Assumptions

1. Heteroscedasticity

2. Autocorrelation and Multicollinearity: Causes, Consequences and Detection Methods

3. Remedial Measures

UNIT III Regression Analysis with Dummy Variables

1. Interpretation of Coefficients on Dummy Explanatory Variables

2. Interactions involving Dummy Variables and use of Dummy Variables in Seasonal Analysis

3. Piece-wise regression analysis: The Dummy Variable alternative to Chow Test.

UNIT IV Limited Dependent Variable

1. Linear Probability Model; Problems relating to LPM
2. Logit and Probit Model
3. Multinomial Choice Models: Ordered Response Model; Unordered Response Model
4. Censored and Truncated Regression Model

Reference Books:

1. Gujarati, Damodar, Basic Econometrics, 4th Edition, Tata McGraw Hill Publishing Company, New Delhi
2. Johnston and Dinardo, Econometric Methods, 4th Edition McGraw-Hill International Edition
3. Studenmund, A.H., Using Econometrics: A Practical Guide, Addison Wesley Publishing Company. Boston,
4. Wooldridge J., Introductory Econometrics: A Modern Approach, South-Western College Pub.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
BASICS ECONOMETRICS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

Answer all the following question **4X10=40**

1. (A) Explain the assumptions of the Classical Linear Regression Model (CLRM)

(OR)

(B) Discuss the Gauss-Markov Theorem, and explain why the OLS estimator is considered the Best Linear Unbiased Estimator (BLUE) under classical assumptions.

2. (A) Define heteroscedasticity and discuss its causes, consequences, and methods for detection in regression analysis.

(OR)

(B) Explain the issues of autocorrelation and multicollinearity in regression models

3. (A) Discuss the interpretation of coefficients on dummy explanatory variables in regression models, and explain the use of dummy variables in analyzing categorical effects.

(OR)

(B) Explain how dummy variables can be used for interaction effects in regression analysis and their application in seasonal data analysis.

4. (A) Compare and contrast the Linear Probability Model (LPM), Logit, and Probit models in the analysis of limited dependent variables

(OR)

(B) Discuss the structure and application of censored and truncated regression models, and explain situations where these models are appropriate.

SECTION – B

Answer any FIVE of the following questions 5X4=20

5. Describe the OLS method and its properties under the Classical Linear Regression Model assumptions.
6. Explain interval estimation and its role in interpreting regression results.
7. What are the consequences of heteroscedasticity in regression models, and how can it be detected?
8. Briefly describe the concept of multicollinearity and one method for detecting it in a regression model.
9. Explain the role of dummy variables in regression analysis and provide an example of how they are used.
10. What is the purpose of piece-wise regression analysis, and how do dummy variables act as an alternative to the Chow Test?
11. Define the Logit model and discuss one of its main applications.
12. What is an Ordered Response Model, and in what type of regression analysis would it be useful?

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
BASICS ECONOMETRICS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -204 B OPTIONAL	TITLE OF THE COURSE COMPUTER APPLICATION FOR ECONOMIC ANALYSIS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

This course aims to equip students with practical skills for conducting economic analysis using computer-based tools and techniques. Course covers a wide range of topics that are essential for any aspiring economist or data analyst

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Develop skills in extracting, cleaning and preparing data for analysis
CO2	Know Basic Software programs for economic analysis
CO3	Build skills in visualizing data using graphs and charts/ interpreting results and drawing conclusions
CO4	Prepare structured reports by using computer-based writing tools

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit 1: Data Extraction and Preparation

Computer Application in Economics: Importance • Data: Types, Structures; Data Transformation and Data Merging; Cleaning and Preparing Data for Analysis • Designing And Conducting Surveys Using Computer-Assisted Methods: Online Surveys • Accessing Data from Various Sources: Online, Offline; India and World

Unit 2: Introduction to Software Packages for Data Analysis

MS Excel: User Interface, Uses and Limitations • SPSS: User Interface, Uses and Limitations • R: User Interface, Uses and Limitations • Python: User Interface, Uses and Limitations

Unit 3: Data Visualization and Analysis in Excel

Tabulation • Data Visualization Techniques: Graphs and Charts • Basic Calculations • Data Analysis: Statistical Functions, T, F, Chi Square, ANOVA, Correlation and Regression Analysis

Unit 4: Writing and Presenting Results

MS Word: Reporting Essentials: Layout, Reference and Review Tab • Introduction To Latex: Writing and

Presenting Economic Analysis Reports • Power Point: Effective Presentation of Economic Analysis.

Reference Books:

1. https://www.octoparse.com/blog/data-mining-vs-data-extraction-whats-the-difference

2.https://mis.alagappauniversity.ac.in/siteAdmin/ddeadmin/uploads/4/__PG_M.A._Economics%20(English).pdf

3.https://cran.r-project.org/doc/contrib/Farnsworth-EconometricsInR.pdf

4.https://towardsdatascience.com/transitioning-from-social-science-to-data-science7e22501b5a3b

5.http://publish.illinois.edu/commonsknowledge/2019/12/05/stata-vs-r-vs-spss-for-dataanalysis/

6. Kristian Lono , (2023) , Data processing in Sas, Spss, Stata, R and Python. A comparison, Statistics Norway

7. Dr. Sanatan Nayak, Application of Computer in Economics Course Material Dept. of Economics, B.B. Ambedkar University

8. N. Matloff (2011) The Art of R Programming No Starch Press Inc.

9. J. Adler, O'Reilly (2012) R in a Nutshell

10. Leanpub (2020) Exploratory Data Analysis with R

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
COMPUTER APPLICATION FOR ECONOMIC ANALYSIS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

I) Answer all the following question **4X10=40**

1. (A) Discuss the importance of data cleaning and preparation in the context of economic analysis. Explain the various techniques used to clean and prepare data for analysis.

(OR)

(B) Critically evaluate the use of online surveys in data collection. Discuss the advantages and disadvantages of online surveys compared to traditional survey methods.

2. (A) Compare and contrast the strengths and weaknesses of MS Excel, SPSS, R, and Python for data analysis. Which software package is most suitable for different types of economic analysis? (OR)

(B) Discuss the role of R and Python in modern economic research. Explain how these programming languages can be used to conduct advanced statistical analysis and data visualization.

3. (A) Explain the importance of data visualization in economic analysis. Discuss the various types of charts and graphs that can be used to visualize economic data.

(OR)

(B) Critically evaluate the use of statistical functions in Excel for economic analysis. Discuss the limitations of Excel in conducting complex statistical analysis.

4. (A) Discuss the importance of effective report writing in economic analysis. Explain the key components of a well-written economic report.

(OR)

(B) Compare and contrast the advantages and disadvantages of using MS Word and LaTeX for writing economic reports. Which software is more suitable for academic research and professional reports?

SECTION – B

Answer any FIVE of the following questions **5X4=20**

5. What are the different types of data structures used in economic analysis?
6. Explain the concept of data transformation and data merging.
7. What are the basic features of MS Excel?
8. Briefly explain the concept of R and Python scripting.
9. What is the difference between descriptive and inferential statistics?
10. Explain the concept of correlation and regression analysis.
11. What are the key elements of a good presentation?
12. Discuss the importance of referencing in academic writing.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
COMPUTER APPLICATION FOR ECONOMIC ANALYSIS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code ECO -205 A	TITLE OF THE COURSE BEHAVIOURAL ECONOMICS				
Teaching	Hours Allocated: 90 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

This course aims to provide a comprehensive understanding of how psychological, cognitive and social factors effects the decisions of individuals and implications of these on economic outcomes.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the foundations of Behavioural economics.
CO2	Apply concepts and theories relating to preferences, choices and decision making.
CO3	Discuss Heuristics and biases in judgment.
CO4	Analyse and apply behavioural economics to real world challenges.

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	

Unit-1: Foundations of Behavioural Economics

Behavioural Economics: Definition, Nature and scope ● Behaviouralism as deviation from standard economic assumptions; Bounded Rationality ● Evolution of Behavioural Economics: Contributions of Herbert Simon, Akerlof and Thaler ● Behavioural Approaches to Study Economics

Unit-2: Preferences, Choices and Decision Making

Values, Preferences and Choices ● Choice Under Uncertainty: Standard Model; Neuro-Scientific Basis of Utility ● Risk Concepts: Loss Aversion, Decision Weighting, Probabilistic Judgment ● Decision Making Under Risk and Uncertainty: Prospect Theory and Reference Points

Unit -3: Heuristics, Biases and Revealed Preferences

Heuristics: Concept, Types and Importance in Behavioural Economics ● Biases in judgements: Self-Evaluation Bias, Projection Bias, Hindsight Bias, Confirmation Bias ● Nature and Components of Mental Accounting: Framing and Editing, Budgeting and Fungibility, Choice Bracketing ● Time Discounting, Time Preferences, Discounted Utility

Unit -4: Applications of Behavioural Economics

Designing Behavioural Experiments: Randomization and Control Groups ● Application of Behavioural Economics in Consumer Behaviour, Financial Markets, and Public Health ● Nudging Theory and its Application in Policy Making in India

Reference Books:

1. Morris, A, Contemporary Behavioral Economics: Foundations and Developments. M E Sharpe, 2006.
2. Erik, A, A Course in Behavioural Economics. Palgrave Macmillan, 2012.
3. Peter, D & Variainen, Behavioural Economics and its applications. PUP, 2007.
4. David, J. R., Introduction to Behavioral Economics. Wiley, 2014.
5. Wilkinson N and Hales M, An Introduction to Behavioural Economics. Palgrave, 2012
6. Camerer, Colin F. and George Loewenstern, & Matthew Rabin: (2003): Advances in Behavioral Economics, Princeton University Press.
7. Michelle Beddeley, (2019), Behavioural Economics and Finance, Routledge.
8.World Development Report" Mind, Society and Behaviour https://www.worldbank.org/content/dam/Worldbank/Publications/WDR/WDR%202015/WDR-2015- Full-Report.pdf
9. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, SWAYM, Khan Academy etc.
10. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11 (online content)
11. https://www.cmu.edu/dietrich/sds/docs/loewenstein/BehavioralEconomics.pdf
12. https://www.bu.edu/eci/files/2020/05/Behavioral-Economics_final.pdf
13. https://hbr.org/2015/05/from-economic-man-to-behavioral-economics

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
BEHAVIOURAL ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER
MODEL QUESTION PAPER

Time: 3 Hours **Max.Marks: 60**

SECTION –A

Answer all the following question **4X10=40**

1. (A) Define behavioural economics, and discuss its nature and scope with respect to standard economic assumptions.

(OR)

(B) Explain the evolution of behavioural economics, highlighting the contributions of Herbert Simon, George Akerlof, and Richard Thaler.

2. (A) Describe how loss aversion and probabilistic judgment influence decision-making under risk and uncertainty, using examples.

(OR)

(B) Explain the concept of prospect theory and the role of reference points in decision-making under uncertainty.

3. (A) Discuss the different types of heuristics and explain their importance in behavioural economics.

(OR)

(B) Define mental accounting and explain its components, including framing, budgeting, fungibility, and choice bracketing.

4. (A) Describe the nudging theory and discuss its applications in policy-making, with specific examples from India.

(OR)

(B) Discuss the importance of designing behavioural experiments, focusing on randomization and control groups.

SECTION – B

Answer any FIVE of the following questions 5X4=20

5. Define bounded rationality and discuss its significance in behavioural economics.
6. What are the main differences between standard economic assumptions and behaviouralism?
7. Explain the concept of loss aversion and its implications for economic decision-making.
8. Briefly describe the neuroscientific basis of utility in the context of behavioural economics.
9. Define hindsight bias and provide an example of how it affects economic judgment.
10. What is time discounting, and why is it relevant in behavioural economics?
11. Explain how behavioural economics can be applied to influence consumer behaviour.
12. What is the role of behavioural economics in financial markets?

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
BEHAVIOURAL ECONOMICS (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	2	2	4
Total Marks	80	32	112

	Government College (Autonomous) Rajahmundry	Program & Semester I M.A ECONOMICS (II Semester)			
Course Code ECO – 205 B	**TITLE OF THE COURSE** **DEMOGRAPHY**				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	-	-	4

Course Objectives:

1. To help students get a better understanding of the current demographic profile of India.
2. Recognize the concepts about productivity and its measurements. recognize demographic information sources

On Completion of the course, the students will be able to-	
CO1	Studying demography, population, and development can lead to several important course outcomes, including: Understanding Population Dynamics Analyzing, Policy Formulation and Implementation: Developmental Impacts
CO2	Studying the structure of population involves understanding various demographic components, leading to several important course outcomes,
CO3	Studying fertility, nuptiality, and mortality within the field of demography leads to several important course outcomes Fertility Analysis:
CO4	Studying Indian demography involves understanding the unique population dynamics and trends within the country, leading to several key course outcomes Population Diversity Exploring India's diverse population in terms of linguistic, cultural, religious, and ethnic differences and understanding how these diversities impact demographics and societal structures. Population Growth and Distribution:

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development			Employability			Entrepreneurship	

Module 1: Population and Development:

Meaning and Scope of Demography-Source of Population data in India and world- Theories of Pop- ulation-Malthus, Optimum Theory of Population. Theory of Demographic Transition-Population and Development-views of Meadows, Enke and Simon.

Module 2: Structure of Populations:

Population trends in India and world-population growth rates and distribution-pattern of Age and Sex structure in more developed and Less Developed Countries-Demographic effects of sex and age structure economic and social implications-Age Pyramids-Population aging.

Module 3: Fertility, Nuptiality and Mortality:

Importance of Study of Fertility-Total Fertility Rate (TFR), Gross Reproduction Rate (GRR) and Net Reproduction Rate (NRR)-Levels and Trends of Fertility in more and Less Developed Coun- tries-Factors affecting Fertility. Nuptiality- Concept and analysis of marital status, Single mean age at marriage.

Mortality-Death Rates- Crude and Age-specific-Mortality at Birth and Infant Mortality Rate levels and trends of mortality in more and Less Developed Countries-Sex and Age pattern of mor- tality factors affecting mortality recent past. Life Table-Methods of Population Projection.

Module 4: Indian Demography:

Population, Economy and Environmental linkages-Growth and Structure of India's Population- Evolution of Population Policy in India-The shift in policy from Population control to Family Wel- fare to Women Empowerment-Family Planning Strategies and their outcomes- Reproductive Health, Maternal Nutrition and child health policies-The New Population Policy- Recent Population Census results-Migration and Urbanization in India.

Text books:

- Aganwala S.N. (1972) India's Population Problem, Tata McGraw Hill Co.Bombay
- Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
- Bogue, D.J. (1971), Principles of Demography, John Wiley, New York.
- Chenery, H. and T.N.Srinivasan (Eds) (1989), Hand Book of Development Economics, Vol.1 and 2 Elsevier, Amsterdam.
- Coale , A.J. and E.M. Hoover (1958), Population growth and Economic Development in Low Income Countries; A case study of India's Prospects, Princeton University press, Princeton.
- Gulati S.C. (1988), Fertility in India; An Econometric Study of a Metropolis, Sage New Delhi.
- Srinivasan K. and A. Shariff (1998), India : Towards Population and Demographic Goals, Oxford University Press, New Delhi.
- United Nations (1973), The Determinants and Consequences of Populations Trends, Vol.1, UNO Publications, New York.

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY
I – M.A ECONOMICS Paper-IV (Optional Paper) DEMOGRAPHY
SECOND SEMESTER
MODEL QUESTION PAPER

Time:3 Hrs **Max. Marks: 60**

SECTION - A

Answer the following questions **(4 X 10 = 40)**

1. a) Explain the meaning and scope of demography
   (or)
   b) Explain about the Demographic Transition
2. a) Explain briefly about the population trends in India
3. a) What is fertility rate Explain the factors affecting the fertility
   (or)
   b) What is mortality and what are the causes of infant mortality?
4. a) Critically examine the Growth and Structure of India's Population
   (or)
   b) Explain the New Population Policy and examine the recent population census results

SECTION – B

Answer any four of the following **(5 X4 = 20)**

5. Malthus's theory of population
6. Population and development
7. Age pyramids
8. Population aging
9. Total fertility rate
10. Crude and age specific death rate
11. Women empowerment
12. Migration and urbanization in India

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY
I – M.A ECONOMICS
DEMOGRAPHY (W.E.F.2024-25)
SECOND SEMESTER END EXAMINATIONS

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Unit-I	**2**	**2**	**4**
Unit-II	**2**	**2**	**4**
Unit-III	**2**	**2**	**4**
Unit-IV	**2**	**2**	**4**
Total Marks	**80**	**32**	**112**

	Government College (Autonomous) **Rajahmundry**	**Program & Semester** I M.A ECONOMICS (II Semester)			
Course Code Open Online Trans disciplinary course - 2	**TITLE OF THE COURSE**				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		2	-	-	2

Course Objectives:

On Completion of the course, the students will be able to-	
CO1	
CO2	
CO3	
CO4	

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Develop-ment			Employability			Entrepreneurship	

1. The following open online trans disciplinary and open online skill development courses, giving a choice to the students to choose one/two courses from that list and to complete them to earn required credits.

   A. Energy Resources, Economics, and Sustainability - IIT Roorkee – 8 Weeks
   B. Infrastructure Economics - IIT Patna - 8 Weeks
   C. Microfoundations Of Macroeconomics - IIT Kanpur - 8 Weeks
   D. Foundation Course in Managerial Economics - IIT Kharagpur

	Government College (Autonomous) Rajahmundry	I M.A ECONOMICS (II Sem)			
Course Code INDIAN KNOWLEDGE SYSTEM - 2	**TITLE OF THE COURSE** **INDIAN INTELLECTUAL HERITAGE**				
Teaching	**AUDIT COURSE**	L	T	P	C
Pre-requisites:		2	-	-	0

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	
CO2	
CO3	

Course with focus on employability / entrepreneurship / Skill Development Units

Skill Development		Employability		Entrepreneurship	