

# **PROGRAMME GUIDE**

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## **MASTER OF ARTS (ECONOMICS) (M.A. ECONONICS)**

**\*Scheme of Examination (CBCS/ELECTIVE)**

**\*Detailed Structure of Syllabus**



**DR. C.V.RAMAN UNIVERSITY**  
**KARGI ROAD, KOTA, BILASPUR, CHATTISGARH (C.G.)**  
**PHONE: 07753-253737, Fax: 07753-253728**  
**Website: [www.cvru.ac](http://www.cvru.ac)**

## DEPARTMENT OF ECONOMICS

### INTRODUCTION

This programme is offered by the department of economics as an effective programme targeting the students who wish to pursue research and development in industries or higher studies in the field of economics. It offered in depth knowledge about the various specific field of economics with an emphasis on fundamental understanding of economical background and including the research component in the form of project work. The programme of MA in economics is a full time postgraduate degree programme of a period of 2 years distribute in 4 semester containing 20 credit per semester and 80 total credit in 4 semester as per the norms and guidelines prescribed by UGC. The programme consist of 5 courses of theory paper with assignment work. In fourth semester consist 3 courses of theory paper and 1 major project work or dissertation work along with appropriate incorporation of core, elective and discipline specific elective as the course attributes in a well defined manner in the curriculum. The MA programme of DR. C V Raman University prepare our student for a lot of ways as they wish.

### VISION

Uphold higher standard of economics performance, respect students and provide them with skill based quality education and promoting research driven advancement of knowledge for creating responsible professionals, promote in employment opportunity for student and sustain continuous improvement and innovation.

### MISSION


- To provide a better understanding of the global, national and local economic issue that will confront our society how and in the present and future.
- To provide education through extensive and innovative use of technology.
- To foster research oriented culture in the university.
- To provide our student with appropriate analytical skills, nurture talent, stimulate thinking and create competent and inspired professionals for the industry or lifelong learning.
- To prepare our student for successful carrier as applied economics.

### PROGRAMME EDUCATIONAL OBJECTIVE (PEO's)

The major objectives of the MA programme is:

- To impart knowledge of the fundamental of Economics theories and its application in problem solving.
- To select and apply appropriate tools for decision making required for solving complex Economical problems.
- To develop capabilities in students to independently conduct theoretical as well as applied research.
- To develop sound knowledge of the entrepreneurial process and inculcate creativity and innovation among students.
- Students will have innovative skills and drive the businesses through multifaceted skills.
- To produce industry ready graduates having highest regard for Personal & Institutional Integrity, Social Responsibility, Teamwork and Continuous Learning

### PROGRAMME SPECIFIC OBJECTIVES (PSO's)

- M.A. (Economics) degree provide as a basis for further higher studies and research in this field such as Ph.D. and M.Phil. Degree in Economics.
- On successful completion of this degree a student can apply for the UGC-NET or JRF exam; the success in these exams makes teaching or research as good options.
- M.A. (Economics) degree holders can option for further higher studies and career in various specializations of Economics such as in Micro and Macro Economics, Economics of Agriculture, Economic Statistics, 

Development Planning, International Economics, Home Economics, Monetary Economics, Fiscal Economics, Economics of Growth and Development, Environmental Economics, Regional Economics and many more.

- Economics post graduates can take up research work in various fields of India's national security problems including the international relations, geostrategic, geopolitical, socio-economic, tactical aspects of war, etc.
- The greatest scope after doing M.A. in Economics is that it not only makes you eligible but also gives you a fairly better chance to qualify the IES (Indian Economics Services) exam.
- Law schools are a very common destination now-a-days for recent post graduates in economics.

## **PROGRAMME OUTCOME (PO's)**

- [PO.1.] **Critical Thinking:**
- [PO.2.] **Effective communication:**
- [PO.3.] **Social interaction:**
- [PO.4.] **Effective citizenship:**
- [PO.5.] **Ethics:**
- [PO.6.] **Environment and sustainability:**
- [PO.7.] **Self-directed and long-life learning:**
- [PO.8.] **Knowledge:**
- [PO.9.] **Technical Skills:**
- [PO.10.] **Research & Development:**
- [PO.11.] **Modern Tool Usage:**
- [PO.12.] **Benefit to the Society:**
- [PO.13.] **Problem analysis**
- [PO.14.] **Conduct investigations of complex problems**
- [PO.15.] **Design/Development of Solutions**
- [PO.16.] **Individual and Teamwork**

## **Programme Specific Outcomes (PSO's):**

**PSO 1:** Students will analyze and evaluate positions on economic issues, showing that they can break an economic issue down into the various economic principles and concepts that form the basis of the position and identify the competing sides on the issue.

**PSO 2:** Students will critique an economic position in terms of the accuracy of its representations of economic principles and concepts and the soundness of its use of those concepts and principles to make a claim about economics.

**PSO 3:** Students will solve real-world economic problems effectively in the context of an industry or field of study, showing that they can identify and collect the appropriate economic data, analyze data in terms of costs and benefits, present economic data and solutions to problems in a way that is clear and accurate, and come to a reasoned judgment concerning benefits within the constraints of costs and can express that judgment convincingly for an audience who must act on it.

**PSO 4:** Students will explain economics to lay audiences, showing that they can translate economic concepts and principles into terms that can be understood by both general and specific audiences

V. P. Mishra

Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



## OBJECTIVES:

### MASTER OF ARTS - ECONOMICS

The main Objectives of Economics Are:

- Make him/her alert and sharp about Indian Economy.
- To be able to understand the problem of Economy.
- To Developed students' cross-cultural awareness and Skill.
- Preparing him/her for National level Competitive examination.
- Making Research mind and approach.
- Complete knowledge about Indian Economy.

### OUTCOMES:

Upon completion of Master of Arts (Economics) Students should be able to-

- Identify and define basic terms and concepts which are needed for advanced course in Economics.
- Analyze Economic behavior and determine the effects on society.
- Independent judgment, intercultural and regional Sensitivity global and national perspectives to solve problems concerning Humanities.
- Outline the scientific method used by eminent Economists.
- Integrate knowledge of Economic concepts.
- Explain Industrial revolution new mode of production and its effects on society.
- Develop information, interviewing and networking skills through reading handed out in class and an examination exercise.
- Be familiar with basic procedures of research.

V.P. Mishra

P. B. Singh

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



# MASTER OF ARTS ECONOMICS

Duration: 24 Months (2 Years)

Eligibility: Graduate in any discipline

| COURSE STRUCTURE OF SEMESTER M.A I |             |                               |             |                     |           |                     |           |           |           |                     |   |   |                           |
|------------------------------------|-------------|-------------------------------|-------------|---------------------|-----------|---------------------|-----------|-----------|-----------|---------------------|---|---|---------------------------|
| Course Details                     |             |                               |             | External Assessment |           | Internal Assessment |           |           |           | Credit Distribution |   |   | Allotted Credits          |
| Course Code                        | Course Type | Course Title                  | Total Marks | Major               |           | Minor               |           | Sessional |           | L                   | T | P | Subject wise Distribution |
|                                    |             |                               |             | Max Marks           | Min Marks | Max Marks           | Min Marks | Max Marks | Min Marks |                     |   |   |                           |
| Theory Group                       |             |                               |             |                     |           |                     |           |           |           |                     |   |   |                           |
| 6HMEC101                           | Core Course | Advanced Economics Analysis-I | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC102                           | Core Course | Quantitative Method           | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC103                           | Core Course | Macro Economics               | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC104                           | Core Course | Public Economics              | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC105                           | Core Course | Agriculture Economics         | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
|                                    | Grand Total |                               | 500         |                     |           |                     |           |           |           | 20                  | - | - | 20                        |

Minimum Passing Marks are equivalent to Grade D

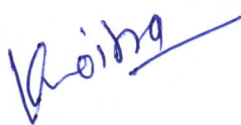
L- Lectures T- Tutorials P- Practical

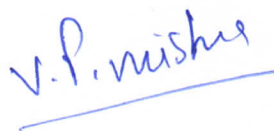
Major- Term End Theory Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%









  
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## COURSE STRUCTURE OF M.A SEMESTER II

| COURSE STRUCTURE OF M.A SEMESTER II |                   |  |             |                     |           |                     |           |           |           |                     |   |   |                           |
|-------------------------------------|-------------------|--|-------------|---------------------|-----------|---------------------|-----------|-----------|-----------|---------------------|---|---|---------------------------|
| Course Details                      |                   |  |             | External Assessment |           | Internal Assessment |           |           |           | Credit Distribution |   |   | Allotted Credits          |
| Course Code                         | Course Type       | Course Title                             | Total Marks | Major               |           | Minor               |           | Sessional |           | L                   | T | P | Subject wise Distribution |
|                                     |                   |  |             | Max Marks           | Min Marks | Max Marks           | Min Marks | Max Marks | Min Marks |                     |   |   |                           |
| Theory Group                        |                   |  |             |                     |           |                     |           |           |           |                     |   |   |                           |
| 6HMEC201                            | Core Course       | Advanced Economics Analysis-II           | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC202                            | Core Course       | Monetary Economics and Banking           | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC203                            | Core Course       | International Economics                  | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC204                            | Core Course       | Demography                               | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC205                            | Core Course       | Economics of social sector & environment | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| Skill Courses                       |                   |  |             |                     |           | Sectional           |           |           |           |                     |   |   |                           |
| *                                   | Skill Enhancement | Skill Enhancement Elective Course-1      | 50          | -                   | -         | -                   | -         | 50        | 20        | 1                   | - | 1 | 2                         |
|                                     | Grand Total       |  | 550         |                     |           |                     |           |           |           | 21                  |   | 1 | 22                        |

Minimum Passing Marks are equivalent to Grade D

Major- Term End Theory Exam/ Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Skill Elective I – Any other course being offered in this semester as per the list given at the end of course structure.

L- Lectures T- Tutorials P- Practical

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*V.P. Mishra*

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**MASTER OF ARTS ECONOMICS**  
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| COURSE STRUCTURE OF M.A SEMESTER IIIrd |                              |                                      |             |                     |           |                     |           |           |           |                     |   |   |                           |
|--|------------------------------|--------------------------------------|-------------|---------------------|-----------|---------------------|-----------|-----------|-----------|---------------------|---|---|---------------------------|
| Course Details                         |                              |                                      |             | External Assessment |           | Internal Assessment |           |           |           | Credit Distribution |   |   | Allotted Credits          |
| Course Code                            | Course Type                  | Course Title                         | Total Marks | Major               |           | Minor               |           | Sessional |           | L                   | T | P | Subject wise Distribution |
|  |                              |                                      |             | Max Marks           | Min Marks | Max Marks           | Min Marks | Max Marks | Min Marks |                     |   |   |                           |
| Theory Group                           |                              |                                      |             |                     |           |                     |           |           |           |                     |   |   |                           |
| 6HMEC301                               | Core Course                  | History of Economic Thought          | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC302                               | Core Course                  | Economics of Growth & Development    | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC303                               | Core Course                  | Industrial Economics                 | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
|  | Discipline Specific Elective | Elective Paper I                     | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
|  | Discipline Specific Elective | Elective Paper -II                   | 100         | 50                  | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| Skill Courses                          |                              |                                      |             |                     |           |                     |           | Sectional |           |                     |   |   |                           |
| *                                      | Skill Enhancement            | Skill Enhancement Elective Course-II | 50          | -                   | -         | -                   | -         | 50        | 20        | 1                   | - | 1 | 2                         |
|  | Grand Total                  |                                      | 550         |                     |           |                     |           |           |           | 21                  | - | 1 | 22                        |

Minimum Passing Marks are equivalent to Grade D

Major- Term End Theory Exam/ Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Skill Elective II – Any other course being offered in this semester as per the list given at the end of course structure.

L- Lectures T- Tutorials P- Practical

*R*

*V.P. Mishra*

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*IPBist*

*15/11/17*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



**MASTER OF ARTS ECONOMICS**  
Duration: 24 Months (2 Years)  
**Eligibility: Graduate in any discipline**

| COURSE STRUCTURE OF M.A SEMESTER Ivth |  |  |             |                         |           |                     |           |           |           |                     |   |   |                           |
|---------------------------------------|--|--|-------------|-------------------------|-----------|---------------------|-----------|-----------|-----------|---------------------|---|---|---------------------------|
| Course Details                        |  |  |             | External Assessment     |           | Internal Assessment |           |           |           | Credit Distribution |   |   | Allotted Credits          |
| Course Code                           | Course Type                                    | Course Title   | Total Marks | Major                   |           | Minor               |           | Sessional |           | L                   | T | P | Subject wise Distribution |
|                                       |  |  |             | Max Marks               | Min Marks | Max Marks           | Min Marks | Max Marks | Min Marks |                     |   |   |                           |
| Theory Group                          |  |  |             |                         |           |                     |           |           |           |                     |   |   |                           |
| 6HMEC401                              | Core Course                                    | Research Methodology                                 | 100         | 50                      | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| 6HMEC402                              | Core Course                                    | India's Foreign Trade and International Institutions | 100         | 50                      | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
|                                       | Discipline Specific Elective                   | Elective Paper -I                                    | 100         | 50                      | 17        | 20                  | 08        | 30        | 12        | 4                   | - | - | 4                         |
| Practical Group                       |  |  |             | Term End Practical Exam |           |                     |           | Sectional |           |                     |   |   |                           |
| 6HMEC405                              | Project/ Dissertation/ Internships & Viva Voce | Project/Dissertation/Internship & Viva Voce          | 200         | 100                     | 33        | -                   | -         | 100       | 40        | -                   | - | 8 | 8                         |
|                                       | Grand Total                                    |  | 500         |                         |           |                     |           |           |           | 12                  | - | 8 | 20                        |

Minimum Passing Marks are equivalent to Grade D

Major- Term End Theory Exam/ Practical Exam

Minor- Pre University Test

Sessional weightage – Attendance 50%, Three Class Tests/Assignments 50%

Compulsory Project/Dissertation & Viva Voce in Disciplinary specific elective. Compulsory one paper presentation certificate in related discipline.

L- Lectures T- Tutorials P- Practical

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*V.P. Mishra*




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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)

## SPECILIZATION WITH ELECTIVE

\*Note - Students need to select any one group and choose any two subjects from selected group for fifth and sixth semester.

| Electives for Third Semester |                                 |                        | Electives for Fourth Semester |                                |                                   |
|------------------------------|---------------------------------|------------------------|-------------------------------|--------------------------------|-----------------------------------|
| Course Code                  | Course Type                     | List of Electives      | Course Code                   | Course Type                    | List of Electives                 |
| <b>Elective -I</b>           |                                 |                        | <b>Elective -I</b>            |                                |                                   |
| 6HMEC304                     | Discipline Specific Elective-I  | Labour Economics       | 6HMEC 403                     | Discipline Specific Elective-I | Indian Economics Policy           |
| 6HMEC305                     | Discipline Specific Elective-I  | Applied Econometrics   | 6HMEC 404                     | Discipline Specific Elective-I | Economics of Health And Education |
| <b>Elective -II</b>          |                                 |                        |                               |                                |                                   |
| 6HMEC306                     | Discipline Specific Elective-II | Statistics             |                               |                                |                                   |
| 6HMEC307                     | Discipline Specific Elective-II | Mathematical Economics |                               |                                |                                   |


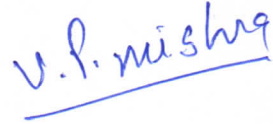







  
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## SKILL ENHANCEMENT ELECTIVE COURSES

### Non-Technical

| Elective No. | Department/ Faculty Name          |  |          |
|--------------|-----------------------------------|--|----------|
|              | Faculty of Information Technology |  |          |
| I            | SCIT 201                          | Data Entry Operation   | 2(1+0+1) |
| II           | SCIT 301                          | Multimedia   | 2(1+0+1) |
| III          | SCIT 501                          | Web Designing with HTML                                      | 2(1+0+1) |
| IV           | SCMIT 201                         | Web Development  | 2(1+0+1) |
| V            | SCMIT 301                         | LINUX  | 2(1+0+1) |
|              | Faculty of Management             |  |          |
| I            | SMGT 201                          | Briefing and Presentation Skills                             | 2(1+0+1) |
| II           | SMGT 301                          | Resolving Conflicts and Negotiation Skills                   | 2(1+0+1) |
| III          | SMGT 802                          | Entrepreneurship Development                                 | 2(1+0+1) |
|              | Faculty of Commerce               |  |          |
| I            | SCOM 201                          | Tally ERP 9  | 2(1+0+1) |
| II           | SCOM 302                          | Multimedia   | 2(1+0+1) |
| III          | SCOM 803                          | Data Analyst   | 2(1+0+1) |
|              | Faculty of Humanities             |  |          |
| I            | SHBA 301                          | Pursuing Happiness   | 2(1+0+1) |
| II           | SHBA302                           | Communication Skill and Personality Development              | 2(1+0+1) |
| III          | SHMA301                           | Tourism in M.P   | 2(1+0+1) |
|              | Faculty of Science                |  |          |
| I            | SSBI 301                          | Mushroom Cultivation   | 2(1+0+1) |
| II           | SSPH 301                          | House Hold Wiring  | 2(1+0+1) |
| III          | SSPH 301                          | Basic Instrumentation  | 2(1+0+1) |
| IV           | SSPH 301                          | DTP Operator   | 2(1+0+1) |
| V            | SSCH 301                          | Graphic Designing  | 2(1+0+1) |
|              | Faculty of Education              |  |          |
| I            | SCBE 403                          | Understanding of ICTC (Information Communication Technology) | 2(1+0+1) |
| II           | SCPE 201                          | Yoga Education   | 2(1+0+1) |

  
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**SEMESTER- 1<sup>st</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ADVANCED ECONOMICS ANALYSIS – I**

**Subject Code: 6HMEC101**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide the knowledge about to understand Micro economics problem.
- To provide the knowledge about consumer behavior regarding Market and Production units of the firm.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They will learn the various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | General Introduction- General Introduction to Micro and Macro Economics, Positive and Normative Economics, Economics of Scarcity and Choice , Rational Behavior.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Ordinal and Cardinal approach of Utility- Cardinal Utility The law of Diminishing Marginal Utility, The law of equi-marginal utility, and Ordinal Utility Indifference curves analysis, Price effect, Income Effect, & Substitution Effect. Indifference curve and Budget line, Utility Maximization Rule, Practical significance. | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Demand and supply analysis - Law of Demand & Supply Derivation of demand curve from Price Consumption curve, market demand, Changes in demand and supply and their quantity, Elasticity and their applications, Demand and consumer surplus.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Revealed Preference Theory- Consumer choice under uncertainty Hessian revision of demand theory.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Production and Cost functions - Law of Variable Proportions - Returns to scale production function of Multi-Product firm Producer's equilibrium - elasticity of substitution - Euler's theorem; Cobb- Douglas production function, Cost Functions Cost curves, Iso-cost curves, traditional and modern cost analysis.              | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:**

- Students will be able to Understood Micro economics problem.
- They know about consumer behavior regarding Market and Production units of the firm.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They know about various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric

**TEXT BOOKS:**

- ☐ माइक्रो : अर्थशास्त्र सेट एम.एल. लक्ष्मी नारायण पब्लिकेशन आगरा उ.प्र.
- ☐ अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: साहित्य भवन पब्लिकेशन आगरा उ.प्र.

*Deputy Registrar (Academic)*  
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*V.P. Mishra*

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- ☐ अर्थशास्त्र सिन्हा वी.सी. तथा सिन्हा पुष्पा साहित्य भवन पब्लिकेशन, आगरा उ.प्र.
- ADVANCE ECONOMIC THEORY AHUJA H. L. S. CHAND PUBLICATION DELHI
  - MICRO ECONOMICS SETH M. L. LAXMI NARAYAN PUBLICATION AGRA UP

**REFERENCE BOOKS :**

- MICRO ECONOMICS JHINGAN M. L. VRINDA PUBLICATION DELHI
  - PRINCIPAL OF ECONOMICS D. M. MITHANI HIMALAYA PUBLISHING HOUSE MUMBAI
- ☐ अर्थशास्त्र पंत जे.सी. एवं अग्रवाल, साहित्य भवन पब्लिकेशन आगरा उ.प्र.
- ☐ उच्च अर्थिक विश्लेषण, आहूजा एम.एल. एस.चांद पब्लिकेशन दिल्ली उ.प्र.
- ☐ व्यक्ति अर्थशास्त्र, झिंगन एम.एल. वृन्दा पब्लिकेशन, दिल्ली उ.प्र.

| Job opportunity                              | Employability skill developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|--|---|---|--|
| Production Officer and Production Counselor. | Able to understand how to Solve Consumer behavior and their problems. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up production. |

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**SEMESTER- 1<sup>st</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: QUANTITATIVE METHOD**

**Subject Code: 6HMEC102**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide an understanding of the basic concepts and methods of Statistics, for application in data analysis.
- To provide statistical skill required for the analysis of socio-economic data.
- To provide hands-on training in data analysis (along with computer applications)
- Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Basic concept of Statistics- Definition, Importance & Scope of statistics, Measures of Central tendency Measures of dispersion and Skewness: Correlation Analysis: Correlation Coefficient, Methods of Computing simple correlation, concept of probable Error. Spearman's coefficient of Rank correlation | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Regression Analysis: Concept, Regression lines, Finding Regression Co-efficient and equations. Interpolation and Extrapolation- Concept, Significance, Assumptions, Methods of Interpolation and Extrapolation.  | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Index Numbers: A Conceptual framework, uses, Types, Problems in construction of Index Numbers, The Chain Index Numbers, Base Shifting and Deflating the Index Numbers, Cost of Living Index Numbers.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Linear and Simultaneous Equations- Linear and Simultaneous Equations up to Three Variables and Its Application in Economics, Calculation of Equilibrium Prices, Impact of Tax and Subsidy on Demand and Supply Model Calculations of Factor Prices. Calculations of Macro Economic Variables.              | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Simple Differentiation- Simple Differentiation and Its Application in Economics, Calculation of Elasticity Coefficient. Marginal Cost and Marginal Revenue   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Student will be able to understand the basic concepts and methods of Statistics, for application in data analysis.
- They Develop the statistical skill required for the analysis of socio-economic data.
- They know the hands-on training in data analysis (along with computer applications)
- They know and Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

**TEXT BOOKS:**

- quantitative Techniques Sukla S.M and Sahai S.P: Sahitya Bhavan Publication. Agra
- Statistics Technique Singh S.P S. Chand & Co. Delhi
- ☐ सांख्यिकी विधियाँ एस.एम. शुक्ला तथा एस.पी. सहाय, साहित्य भवन पब्लिकेशन, आगरा उ.प्र.
- ☐ सांख्यिकी सिद्धांत शुक्ला, एस.पी., एस. चंद।
- ☐ सांख्यिकी अर्थशास्त्र महेश्वरी पी.डी. तथा गुप्ता शीलचंद्र, कैलाश पुस्तक सदन, भोपाल

*h*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)

*V.P. Mishra*

*Kaibra*

*P. S. Singh*



**REFERENCE BOOKS :**

- Quantitative Techniques Kothari C.R.; Vikas Publication House. Jaipur
- Quantitative Techniques Khandewal; International book house. Allahabad
- ☐ अनुसंधान विधियां एस.डी. बघेल कैलाश पुस्तक आगरा उ.प्र.,
- ☐ परिमाणत्मक तकनीकें गुप्ता वी.एन. साहित्य भवन पब्लिकेशन आगरा उ.प्र.

| Job Opportunities               | Employability Skill Developed   | Local/National/UNDP Goal Achieved                                  | Entrepreneurship Opportunity  |
|---------------------------------|---|--|---|
| Price determinants & consultant | Developing Commercial awareness, Able to plan different course of action, Able to improve decision making and problem solving skills. | Quality Education<br>Decent work and Economic Growth goal achieved | A person with Quantitative aptitude will be better equipped to handle the Entrepreneurs and Management problems<br>Data Analyst |

*Koibra* V.P. Mishra

*P. Singh*

*K. K. K.*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Dilliwara (U.P.)



**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 1<sup>st</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: MACRO ECONOMICS**

**Subject Code: 6HMEC103**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide the knowledge about to understand Macro economics problem.
- To develop the conceptual frame work about National income, employment, investment and consumption function.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- To develop the conceptual frame work about Monetary policies and its Instruments

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Macro Economics - Nature of Macro Economics Variables, Basic Concepts of Stock and Flow. National Income and its measurement, GDP and GNP, Importance of National Income Estimation, National Income and Economic Welfare, National Income Estimation in India. Functional relationships of National Income. | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Theories of Consumption and Investment- APC and MPC. Factors affecting consumption. Income - Consumption Hypothesis, Saving Function, Paradox of Thrift Investment Function, Determinants of Investments MEC and MEL Theories of Investment, C, S, I measurement in Indian Economy.                          | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Theories of Employment- Classical Theory, Say's Law of Market, Classical Model with and without saving and Investment, Criticism of the Model. Keynesian Model of Employment with Demand and Supply of Money. Measurement and Trends of Unemployment in Indian Economy.                                      | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | The Component of Money Supply- Interest Rate and Theory of Liquidity Preference. IS-LM Analysis and Interest Rate Determination. Keynes Vs The Classical concepts. Monetary Policy and its Instruments.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Macro Economic Equilibrium- Income Determination in Closed and Open Economy, Consumption and Investment Function, Concept of Simple Multiplier and Dynamic Multiplier. Leakages of Multiplier. Concept of Accelerator.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Students will be able to Understood Macro economics problem To provide the knowledge about to understand Macro economics problem.
- They develop the conceptual frame work about National income, employment, investment and consumption function.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They develop the conceptual frame work about Monetary policies and its Instruments

**TEXT BOOKS:**

- MACRO ECONOMIC THEORY AHUJA H.L. S. CHAND PUBLICATION DELHI.
  - MACRO ECONOMICS SETH M.L LAXMI NARAYAN PUBLICATION. AGRA
- ☐ समष्टि :अर्थशास्त्र सेट एम. एल. लक्ष्मी नारायण पब्लिकेशन आगरा

*[Handwritten signatures and marks]*

- ☐ समष्टि अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: साहित्य भवन पब्लिकेशन आगरा
- ☐ समष्टि अर्थशास्त्र आहूजा एम. एल. एस. चन्द पब्लिकेशन दिल्ली

**REFERENCE BOOKS :**

- MACRO ECONOMICS JHINGAN M.L VRINDA PUBLICATION DELHI
- MACRO ECONOMICS D.M. MITHANI HIMALAYA PUBLISHING HOUSE. MUMBAI
- MONETARY ECONOMICS S.B GUPTA S CHAND AND CO. DELHI
- ☐ अर्थशास्त्र सिन्हा वी.सी. तथा सिन्हा पुष्पा साहित्य भवन पब्लिकेशन मुम्बई
- ☐ समष्टि अर्थशास्त्र झिंगन एम.एल. वृन्दा पब्लिकेशन दिल्ली

| Job Opportunities                      | Employability Skill Developed   | Local/National/UNDP Goal Achieved                          | Entrepreneurship Opportunity   |
|--|---|--|--|
| Research Economist<br>Economic Analyst | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible consumption & Production. | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

V.P. Mishra

Koiba IPB

Koiba  
Deputy Registrar (Academic)  
Dr. C.V. Ramaswami University  
Kota, District, Rajasthan





**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 1<sup>st</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: PUBLIC ECONOMICS**

**Subject Code: 6HMEC104**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To develop the conceptual frame work about public economic policies and annual budgeting
- To provide the knowledge about to understand difference sources of government income and expenditure..
- To develop the conceptual frame work about government income distribution and development policy.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Public Economics- Public Choice Voting and Resource Allocation, Public Choice Analysis, The Growth of Government - Significance& Failure.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Theory of Maximum Social Advantage - Role of Govt. in Organized Society – Government as an agent for Economic Planning & Development Concept of Public Goods, Private Goods and Merit Goods. Maximum Social Advantage Theory of Dalton, Pigous and Musgrav.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Public Expenditure - Wagner's Law of Increasing State Activities, Wiesman- Peacock Hypothesis. Effects of Public Expenditure Efficiency Effect, Incentive Effect, Allocative Effect on Distribution, Employment, Economic Stability & Economic Development. Dalton's Norm of Public Expenditure.      | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Public Revenue- Canons of Taxation, Taxable Capacity, Factors Determining Taxable Capacity, Its Significance. Theories of Taxation Benefit Theory, The Cost Service Theory and Ability to Pay Theory, Incidence of Taxes. Effects of Taxation Efficiency Effect, Incentive Effect, Allocative Effect. | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Public Debt- Public Debt & Economic Growth, Public Debt and Inflation, Public Debt as a means of regulating Economy, Debt Burden, Debt Redemption, Deficit financing, Fiscal Policy and its objectives.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They develop the conceptual frame work about public economic policies and annual budgeting
- They know about to understand difference sources of government income and expenditure..
- They develop the conceptual frame work about government income distribution and development policy.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

**TEXT BOOKS:**

- PUBLIC FINANCE SUDHA V.K. And NAYAK S. CHAND PUBLICATION. Delhi
- PUBLIC FINANCE BHATIYA H.L VIKAS PUBLICATION HOUSE. jaipur

☐ राजस्व वार्षिक जे.सी, साहित्य भवन पब्लिकेशन आगरा


☐ राजस्व (लोक वित्त), डॉ. गुप्ता के. एल. साहित्य भवन पब्लिकेशन आगरा

☐ लोक वित्त डॉ. सिंह एस. के., साहित्य भवन पब्लिकेशन आगरा

**REFERENCE BOOKS :**

- Public Finance In Theory Singh S.K. S.Chand Publication. And Practice
- लोकवित्त सिन्हा वी.सी.साहित्य भवन पब्लिकेशन आगरा।
- अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: साहित्य भवन पब्लिकेशन आगरा।
- लोकवित्त भाटिया एच.एल.: विकास पब्लिकेशन हाऊस, जयपुर

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved | Entrepreneurship Opportunity  |
|---|---|-----------------------------------|---|
| Research Economist<br>Teaching Public Economist<br>Public Relation Director | Able to understand how to Solve Market Problems and economical condition. | Quality Education                 | A person with the knowledge of public economics will knowing where and how to find information is vital to developing solid PR plans. |

 V.P. Mishra Koibys P. Bais

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUK (C.G.)



**TEXT BOOKS:**

- Industrial Economics Dr. Shivbhushan Gupta SBPD Publication. Agra
- Industrial Economics Maheshwari P.D. Kailash Pustak Sadan. Bhopal
- ☐ कृषि अर्थशास्त्र, माहेश्वरी पी.डी.:कैलाश पुस्तक सदन भोपाल

**REFERENCE BOOKS :**

- Agricultural Economics Lekhi R. K Joginder Singh An Indian Perspective.
- ☐ कृषि अर्थशास्त्र, मिश्र जे.पी. साहित्य भवन पब्लिकेशन कृषि अर्थशास्त्र, आगरा

| Job Opportunities                                 | Employability Skill Developed   | Local/National/UNDP Goal Achieved | Entrepreneurship Opportunity  |
|---|---|-----------------------------------|---|
| Research<br>Economist<br>Teaching<br>Agribusiness | Able to understand how to<br>Solve Market Problems and<br>economical condition. | Quality Education<br>No poverty   | The Agribusiness<br>entrepreneurship program<br>supports the growth of<br>competitive agro-processing<br>enterprise by advancing<br>innovation in product,<br>program and business model. |

V.P. Mishra

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilarpur (C.G.)



**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 2<sup>nd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ADVANCED ECONOMICS ANALYSIS – II**

**Subject Code: 6HMEC201**

**Theory Max. Marks:50**

**Theory Min. Marks:17**


**COURSE OBJECTIVE:**

- To provide the knowledge about to understand advanced economics problem.
- To provide the knowledge about different kinds of market and Price and output determined in this market.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They will learn the various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.
- To develop the conceptual frame work about Distribution, wages and welfare theory.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Perfect competition- Short run and Long run Equilibrium of the firm and industry, Price and Output determination, Supply curve. Monopoly- Short run and long run equilibrium, Price discrimination, Welfare aspects,, Monopoly control and regulation.  | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Monopolistic competition-General and Chamberlain Approaches to equilibrium, Equilibrium of the firm and the Group with product differentiation and selling costs, excess capacity under Monopolistic and Imperfect competition, criticism of Monopolistic competition. Oligopoly- Kinked demand curve and collusive (Cartels and mergers, Price leadership), Price and Output determination under Monospony and Bilateral Monopoly. | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Distribution- Neo Classical Approach, Marginal Productivity Theory; Theory of distribution in Imperfect Product and factor markets Macro Theories of Distribution -Ricardian and Modern Theory.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Wages- Theories of Wages- Marginal Productivity and others Theories, Concept and Importance of Minimum wages. Rent- Determination of Rent- Classical and Modern theories and Concept of Quasi rent. Interest - Theory of Interest - Liquidity Preference and IS-LM curve Theory. Profit - Theories of Profit.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Welfare Economics- Partial and General Equilibrium Pigouvian Welfare Economics- Pareto Optimal Conditions Value Judgment.Social Welfare function- Compensation Principle Inability to Obtain Optimum Welfare - Imperfections, Market failure..  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They know about to understand advanced economics problem.
- They know about different kinds of market and Price and output determined in this market.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- Student will be able for a better understanding various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.
- They develop the conceptual frame work about Distribution, wages and welfare theory.

  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)







**TEXT BOOKS:**

- ADVANCE ECONOMIC THEORY AHUJA H.L S. CHAND PUBLICATION. DELHI
- MICRO ECONOMICS SETH M.L LAXMI NARAYAN PUBLICATION AGRA
- ☐ उच्च अर्थिक विश्लेषण सेठ एम.एल.माइक्रो : लक्ष्मी नारायण पब्लिकेशन आगरा
- ☐ अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: साहित्य भवन पब्लिकेशन आगरा।
- ☐ उच्च अर्थिक विश्लेषण, आहूजा एम.एल. एस.चंद पब्लिकेशन दिल्ली।

**REFERENCE BOOKS :**

- MICRO ECONOMICS JHINGAN M.L.VRINDA PUBLICATION AGRA
- PRINCIPAL OF ECONOMICS MITHANI D.M. HIMALAYA PUBLISHING HOUSE. MUMBAI
- ☐ उच्च आर्थिक सिद्धांत डॉ. बंसल एवं अग्रवाल साहित्य भवन पब्लिकेशन आगरा।
- ☐ अर्थशास्त्र-पंत जे.सी. एवं अग्रवाल साहित्य भवन पब्लिकेशन आगरा।
- ☐ उच्च अर्थिक विश्लेषण, सिन्हा वी.सी. तथा साहित्य भवन पब्लिकेशन आगरा।
- ☐ व्यक्ति अर्थशास्त्र, सिन्हा पुष्पा झिंगन एम.एल. वृंदा पब्लिकेशन दिल्ली

| Job Opportunities  | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|--|---|---|--|
| Research Economist<br>Teaching<br>Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

V.P. Mishra

Koiba Bans

Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)





**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 2<sup>nd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: MONETARY ECONOMICS AND BANKING**

**Subject Code: 6HMEC202**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To develop the conceptual frame work about Monetary and Banking policies
- To provide the knowledge about to understand monetary variables on the macroeconomic system, and role of the Central Bank different function.
- To provide the knowledge about to understand business cycles theory and economic cycle's trend like inflation, deflation and its effect.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Theories of Value of Money- Fisher, Cambridge equations, the cash Balances approach Keynesian Theory of Money and Prices, The Real Balance Effect, Modern - Quantity Theory of Money.  | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Measures of Money – Stock and Flow, Creation of Credit, Multiplier, Instruments of Monetary Controls, Monetary, Policy- Its role and effectiveness.  | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Inflation - Inflation Measurement and types of Inflation, Demand and Supply side Inflation, Excess Demand and Inflation, Effects of Inflation, Methods to Check Inflation, Stagflation and Anti-Inflation Policy, Inflation and Indian Economy. Inflation and Unemployment, Phillips curve, The Relationship between Inflation and Unemployment. | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Banking Systems in India- Types of Banks. Bank as Depositories, Demand Deposits, Bank as Financial Intermediaries, Commercial Banking Origin & Growth, Functions of Commercial Banks. Role of Commercial Banks in a Developing Economy. New Trends in Commercial Banking.RBI.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Business Cycles- Meaning and Nature, Theories of Trade-Cycle. Monetary Theory- Schumpeter, Keynesian, Samuelson and Hicks. Non-Monetary Theories of Business cycles.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Student will be able to understand conceptual frame work about Monetary and Banking policies
- They Know about the monetary variables on the macroeconomic system, and role of the Central Bank different function.
- They know about to understand business cycles theory and economic cycle's trend like inflation, deflation and its effect.

**TEXT BOOKS:**

- MACRO ECONOMIC THEORY AHUJA H.L S. CHAND PUBLICATION. DEHLI
- MONEY AND BANKING SETH M.L LAXMI NARAYAN PUBLICATION. AGRA
- MONETARY ECONOMICS JHINGAN M.L. VRINDA PUBLICATION. DEHLI

☐ समष्टि :अर्थशास्त्र सेठ एम.एल.,लक्ष्मी नारायण पब्लिकेशन आगरा

☐ मौद्रिक अर्थशास्त्र एवं बैंकिंग आहूजा एम.एल. एस.चंद पब्लिकेशन दिल्ली

☐ मौद्रिक अर्थशास्त्र एवं बैंकिंग अर्थशास्त्र, झिंगन एम.एल. वृंदा पब्लिकेशन दिल्ली

**REFERENCE BOOKS :**

- MACRO ECONOMICS MITHANI D. M. HIMALAYA PUBLISHING HOUSE.
- MONETARY ECONOMICS GUPTA S. B. MUMBAI S. CHAND AND CO DELHI.
- ☐ मौद्रिक अर्थशास्त्र डॉ. सेठी टी.टी. लक्ष्मीनारायण पब्लिकेशन दिल्ली
- ☐ मौद्रिक अर्थशास्त्र एवं बैंकिंग माहेश्वरी पी.डी. कैलाश पुस्तक सदन भोपाल
- ☐ मौद्रिक अर्थशास्त्र, सिंघई जी.सी., साहित्य भवन पब्लिकेशन आगरा
- ☐ मौद्रिक अर्थशास्त्र एवं बैंकिंग सिन्हा वी.सी. तथा सिन्हा पुष्पा साहित्य भवन पब्लिकेशन आगरा

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

*R*

V.P. Mishra

Kaibh

P. B. Singh

*Dr. C.V. Raman*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)





**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 2<sup>nd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: INTERNATIONAL ECONOMICS**

**Subject Code: 6HMEC203**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To make the student to understand the theoretical aspects related to international trade and other international organization to enable the students to know the importance of the international trade.
- To develop the conceptual frame work about different international theory and trade policies.
- To provide the knowledge about to understand tariff, dumping and its impact on our economy.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Interregional and International Trade - Distinguishing features of Interregional and International Trade- Differences and Similarities between inter-regional and international trade; Importance and Scope of International Trade. International division of Labour and Specialization; Smith's theory of Absolute Difference in Costs; Ricardian theory of comparative differences in costs and its application in Underdeveloped Countries. | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Various Theory of International Trade1- Mills' theory of Reciprocal Demand; Concept of Offer Curves; Explanation of Mill's concept of Reciprocal Demand with the help of Marshall's Offer Curves. International Trade Equilibrium; Some analytical tools-Offer curves Production Possibility Curves; the Community Indifference Curves; Equilibrium in Community Consumption and Output.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Various Theory of International Trade2- Haberler's Theory of Opportunity Costs; International trade under constant, Increasing and decreasing opportunity costs. The Modern Theory of Factor Endowments; its explanation under price criterion and physical criterion; Theory's relevance today. Its superiority over the classical theory; Leontief Paradox   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Terms of Trade -International trade and factor prices, Samuelson's Factor Price Equalization Theorem. The Terms of Trade- Meaning and various concepts of Terms of Trade; Factors affecting the Terms of Trade; Terms of Trade and underdeveloped countries.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Tariffs - Meaning and types, Effects of tariff under partial and general equilibrium, Optimum tariff and welfare, Effects of tariff on income distribution The Stopler- Samuelson theorem, Dumping- Types, Objectives and effects of Dumping, Current incidence of dumping in India and its Impact on our Economy; Anti-Dumping measures.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Student will be able to understand the theoretical aspects related to international trade and other international organization to enable the students to know the importance of the international trade.
- Student will be able for a better understanding the conceptual frame work about different international theory and trade policies.
- They should understood tariff, dumping and its impact on our economy.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic

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Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



Text Books:

- INTERNATIONAL ECONOMICS AHUJA H.L. S. CHAND PUBLICATION DEHLI.
- INTERNATIONAL ECONOMICS SETH M.L., LAXMI NARAYAN PUBLICATION AGRA.
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र सेठ एम.एल.: लक्ष्मी नारायण पब्लिकेशन आगरा
- ☐ अर्थशास्त्र माहेश्वरी पी.डी. तथा कैलाश पुस्तक सदन।
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र गुप्ता शीलचन्द्र आहूजा एम.एल. एस.चांद पब्लिकेशन दिल्ली।

Reference Books :

- INTERNATIONAL ECONOMICS JHINGAN M.L. VRINDA PUBLICATION AGRA
- INTERNATIONAL MUMBAI. D.M. MITHANI: HIMALAYA PUBLISHING HOUSE
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र, सिन्हा वी.सी.: साहित्य भवन पब्लिकेशन आगरा
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र झिंगन एम.एल. : वृन्दा पब्लिकेशन दिल्ली।

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



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**SEMESTER- 2<sup>nd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: DEMOGRAPHY**

**Subject Code: 6HMEC204**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To develop the conceptual frame work about basic concepts of demography.
- To provide the knowledge about to understand Indian population policies and aware student problem of growing population in India.
- To provide the knowledge about to understand different population theory.
- To make the student to understand the theoretical aspects related to population and Economic development.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Demography - Meaning significance, Techniques of Demographic Analysis, Relationship with other sciences. Basic concepts of Demography - Population Pyramid, Density of Population sex ratio, Population growth and Population Trap.  | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Theories of Population- Malthusian theory of population, Optimum theory of Population, Social cultural theories - Dumont's theory of social capillarity.<br>L. Brento's theory of increasing prosperity and pleasure, Henry George's theory of Intellectual development. Theory of Demographic transition. | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Different Demographic Measurements Birth rate- Death rate, Life table, Gross and Net Reproduction rate with reference to India. Human resource development in India.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Indian census - Composition of Population in India, Census of 1991 to 2011 Main characteristics. Population Education in India.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Population and Economic development- Trends and Distribution of World population. Population Policies in India. Population control measures in India.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They will understood the conceptual frame work about basic concepts of demography.
- Student will be able for a better understanding Indian population policies and aware student problem of growing population in India.
- Student will be able for a better understanding different population theory.
- To the theoretical aspects related to population and Economic development.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

**TEXT BOOKS:**

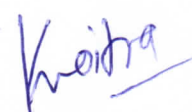
- Demography Jhingan M.L vrinda publication. Delhi

☐ जनांकिकी सिन्हा वी.सी एवं सिन्हा पुष्पा, साहित्य भवन पब्लिकेशन आगरा

  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)









**REFERENCE BOOKS :**

- ☐ जनांकिकी मिश्रा जे.पी. साहित्य भवन पब्लिकेशन आगरा
- ☐ जनांकिकी अर्थशास्त्र झिंगन एम.एल. वृंदा पब्लिकेशन दिल्ली
- ☐ जनांकिकी माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र कैलाश पुस्तक सदन भोपाल

| Job Opportunities                              | Employability Skill Developed  | Local/National/UNDP Goal Achieved  | Entrepreneurship Opportunity |
|--|--|--|------------------------------|
| Strategic Analyst,<br>Business Policy<br>Maker | Decision making Skills, Problem-<br>Solving Skills, Time Management<br>and Commercial awareness. | No Poverty, No Hunger, Quality Education,<br>Decent Work and Economic Growth,<br>Industry Innovation | Business Planner             |

V.P. Mishra

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Khobra  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)





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**SEMESTER- 2<sup>nd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ECONOMICS OF SOCIAL SECTOR & ENVIRONMENT**

**Subject Code: 6HMEC205**

**Theory Max. Marks: 50**

**Theory Min. Marks: 17**

**COURSE OBJECTIVE:**

- To provide a better understanding our students to correlate Welfare Economics and Social Sector.
- To prepare our students for understanding health economics and education economics.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Society And Economic Development : Some Hard Facts - Inequality and development – concepts and measurement, inequality and poverty, natural resources and development   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Society Beyond Market - Market failure and its sources, Government regulation in the economy, Institutional economics   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Sustainable Development And Environment - Green accounting, valuation of environment, Theory of environmental policy  | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Natural And Common Property Resources - Natural resource management, Common property resource management, Environmental and natural resource problems in India.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Economics Of Education And Health - Education and economic development, Demand and supply considerations of education, Educational planning and Economic growth, Educational financing, Health dimensions of development, Determination of health status, Economic dimensions of financing of healthcare. | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Students will be able for a better understanding about Welfare Economics and Social Sector.
- Students will be able for a better understanding about health economics and education economics environmental economics.

**Text Books:**

- Environmental management Chary, S.N. and Vyasulu, Vinod Macmillan New Delhi an Indian Perspective
- पर्यावरण अध्ययन त्रिवेदी पी.सी. तथा अविष्कार जयपुर गुप्ता गरिमा

**Reference Books :**

- Environmental Economics in Theory and Practice Hanley, N., F. Shogern and B. white Macmillan.
- Investment in Humane Capital ,Free Press Schultz, T.W. (1971) New York.
- The world Development Report, 1993 World Bank,(1993); Investing In Health, Oxford University Press, New York.
- Education and Economic Growth, Robert J. Barro, pdf from internet

| Job Opportunities                        | Employability Skill Developed   | Local/National/UNDP Goal Achieved  | Entrepreneurship Opportunity |
|--|---|--|------------------------------|
| Strategic Analyst, Business Policy Maker | Decision making Skills, Problem-Solving Skills, Time Management and Commercial awareness. | No Poverty, No Hunger, Quality Education, Decent Work and Economic Growth, Industry Innovation | Business Planner             |

Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)

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**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: HISTORY OF ECONOMIC THOUGHT**

**Subject Code: 6HMEC301**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- The study of Economic thought comprises economic ideas of economic thinkers and writers of all ages.
- It provides the origin of economic history and its development from time to time will be of much use to understand and solve the present economic problems.
- To provide the knowledge about to understand different economist thought and different economic theory's.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit              | Course Content  | Methodology Adopted   |
|-------------------|---|---|
| <b>Unit – I</b>   | Pre-Scientific Economic Ideas -<br>1-Mercantilism 2-Physiocrats 3- Classical School- a) Adam Smith b) Malthusian c) Ricardo                           | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| <b>Unit – II</b>  | The Classical Tradition-<br>1-Sismondi 2-St-Simons 3-FredrickList 4- J.S. Mill  | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| <b>Unit – III</b> | The Socialists and Miscellaneous Thoughts-<br>1- Karl Marx 2- Historical School 3- Mathematical School 4- Austrian School                             | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| <b>Unit – IV</b>  | Neo Classical Economists, Institutionalism and American Economist-<br>1-Marshall 2- J.B.Clark3- Irving Fisher 4-Mitchell                              | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| <b>Unit – V</b>   | 1 Welfare Economist and Modern Economist-<br>a) A.C. Pigou b) John Robinso<br>2- Indian Economic Thought-<br>a) Kautilya b) M.K. Gandhi c) J.K. Mehta | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They study of Economic thought comprises economic ideas of economic thinkers and writers of all ages.
- They know about the origin of economic history and its development from time to time will be of much use to understand and solve the present economic problems.
- Student will be able to understood different economist thought and different economic theories.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

**TEXT BOOKS BOOKS :**

- Development Economics and Sinha Pushpa , sinha V.C. SBPD Publication. Agra History of Economic Thought.
- ☐ आर्थिक चिन्तन का इतिहास चतुर्वेदी एवं चतुर्वेदी: साहित्य भवन पब्लिकेशन आगरा

**BOOK RECOMMENDED**

- History of Economic Thought Jhingan M.L and Girija M K. vrinda publication Delhi
- ☐ आर्थिक विचारों का इतिहास पी.डी. माहेश्वरी कैलाश पुस्तक सदन भोपाल

| Job Opportunities  | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|--|---|---|--|
| Research Economist<br>Teaching<br>Advisor of Market<br>issues & Problems | Able to understand how to Solve<br>Market Problems and economical<br>condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis<br>concept that drive the decision-<br>making processes of an established<br>firm also apply to start-up business. |

*Academic Registrar (Academic)*  
Dr. C.V. Raman University

*V.P. Mishra*

*K. K. Mishra*

*Dr. R. K. Mishra*





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**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ECONOMICS OF GROWTH & DEVELOPMENT**

**Subject Code: 6HMEC302**

**Theory Max. Marks: 50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide the knowledge about to understand of growth and development and factor affecting, growth and development
- To provide the knowledge about to understand problems of under developed nations
- It provides the conceptual frame work about fundamental models used to analyze theoretical and empirical issues in economic growth and development.
- To provide the knowledge about to understand different economic theory's and models for Growth and development.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Concept of growth and development- Concept of growth and development, factor affecting, growth and development, Problems of Under developed nations. Theories of growth- The Ricardian ,The Malthusian, The Marxian theory. | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Growth Model-I - Schumpeter's Model, Keynesian Model of Employment and Income, Consumption Function, Multiplier, Accelerator and Investment Function. The Harrod- Domar Model. Joan Robinson's model of growth.             | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Growth Model-II- Theory of balanced growth-Nurkse & Lewis model, Theory of Unlimited Supply of Labour. Theories of Unbalanced growth- Herschman, Big-push theory.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Growth Model-III - Leibenstines Model of critical minimum effort. Myrdal's theory of circular causation. Rostow's stages of economic growth.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Growth Model-IV - The Mahalanobis Model- Two sector & four sector, Neo classical Model of Meade, Kaldor Model of distribution.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They should understand growth and development and factor affecting, growth and development
- They should understand the problems of under developed nations
- Student should be able to understand the conceptual frame work about fundamental models used to analyze theoretical and empirical issues in economic growth and development.
- Student will be able for a better understanding different economic theory's and models for Growth and development.
- Students should be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic

**TEXT BOOKS:**

- ECONOMIC GROWTH AND DEVELOPMENT SETH M.L LAXMI NARAYAN PUBLICATION. AGRA
- ECONOMIC GROWTH AND DEVELOPMENT JHINGAN M.L. VRINDA PUBLICATION. DELHI

☐ अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र साहित्य भवन पब्लिकेशन आगरा

☐ आर्थिक विकास का अर्थशास्त्र आहूजा एम.एल. एस.चंद पब्लिकेशन दिल्ली

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☐ आर्थिक विकास का अर्थशास्त्र झिंगन एम.एल. वृंदा पब्लिकेशन आगरा

**REFERENCE BOOKS :**

- ECONOMICS OF GROWTH AND DEVELOPMENT BHINDA P. C. :JAIPUR PUBLICATION.

☐ संवृद्धि एवं विकास का अर्थशास्त्र मिश्रा जे.पी.: साहित्य भवन पब्लिकेशन आगरा

☐ आर्थिक संवृद्धि एवं विकास अर्थशास्त्र सेठ एम.एल.: लक्ष्मी नारायण पब्लिकेशन आगरा

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                              | Entrepreneurship Opportunity  |
|---|---|--|---|
| Research<br>Economist<br>Teaching<br>Advisor of<br>Market issues &<br>Problems. | Able to understand how to<br>Solve Market Problems and<br>economical condition. | Quality Education<br>Responsible Consumption and<br>production | The Advance Economic<br>analysis concept that drive<br>the decision-making<br>processes of an established<br>firm also apply to start-up<br>business. |

V.P. Mishra

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



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KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: INDUSTRIAL ECONOMICS**

**Subject Code: 6HMEC303**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide the knowledge about to understand industrialization pattern and its impact.
- To provide the knowledge about to understand industrial policy in india and Recent trends in Indian Industrial growth
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions
- They will learn the theoretical concepts and issues related to market structure, firms' motivations and conducts, productivity, and efficiency.
- To provide the knowledge about to understand Growth and current problems of selected large scale industries in India and different Sources of Industrial finance

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Industrial Economics- Meaning, Rational, pattern and impact of industrialization. Factors favoring and Hampering Rapid Industrial Development of India. New Industrial Policy in India, from 1991 to till date. Recent trends in Indian Industrial growth.                              | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Concept and organization of a firm- Business classification of firm on the basis of its activities, Sector, and Ownership. Public, Private, Joint and Cooperative Sectors   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Industrial combination and its impact on efficiency of the firm and economic power. Theories of Industrial location - Weber and Sargent Florence, Factors affecting location, Industrial Sickness.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Small and Cottage Industries in India- Growth and current problems of selected large scale industries in India Iron & steel, Cotton textiles, Jute, Cement, Sugar and Engineering goods.(Organized, Manufacturing Sector ), Development of Small Scale and Cottage Industries in India. | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Industrial finance institutions - Sources of Industrial finance owned capital , borrowed capital, Industrial finance Institutions - IDBI , IFCI, SFC, SIDC, Commercial banks.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:**

- They will be understood industrialization pattern and its impact.
- They will understood industrial policy in India and Recent trends in Indian Industrial growth
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions
- They will learn the theoretical concepts and issues related to market structure, firms' motivations and conducts, productivity, and efficiency.
- They know about the Growth and current problems of selected large scale industries in India and different Sources of Industrial finance

**TEXT BOOKS:**

- Industrial Economics Harish Kumar Khatri Kailash Pustak Sadan. Bhopal
- औद्योगिक अर्थशास्त्र जैन,एस.सी कैलाश पुस्तक सदन भोपाल

**REFERENCE BOOKS:**

- Industrial Economics, Shivbhusan Gupta SBPD Publication. Agra

Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)

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- Industrial Economics, Barthwar RR New Age Publishers. Delhi

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

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*V.P. Mishra*

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*hobib*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)





**DR. C.V.RAMAN UNIVERSITY**  
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**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: LABOUR ECONOMICS ELECTIVE PAPER-I**

**Subject Code: 6HMEC304**

**Theory Max. Marks: 50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- It provides the conceptual frame work about Labour Economics helps the students of Economics to understand the nature of Labour market,
- To provide the knowledge about to understand Issues related to employment, wage determination, Industrial relations, role of trade unions and the role of the state Government in improving the standards of Labour.
- exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.
- To provide the knowledge about to understand Problem of Housing of industrial workers in India.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Labour Economics - Meaning. Peculiarities, Types and Significance<br>Role of labour in Economic Development of a Developing Country like India. Characteristics and Growth of Labour market in India.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Various Concepts of Wages- Demand and Supply Theory of Wages<br>Various Concepts of Wages : (a) Fair Wages . (b) Living Wages. (c) Minimum Wages<br>Minimum Wages Act. 1948. Wages, Efficiency of Labour and Productivity in India . Wages Policy Under the Five year Plans. Problem of Bonus in India .  | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Social Security – Meaning Origin, Growth, Aims and Methods .<br>Deferent Schemes of Social Security in India . Labour Welfare - Meaning, Aims, Growth, Scope and Classification . Labour Welfare Activities done by different Agencies in India. (a) By Government. (b) By Employers. (c) By Trade Unions .   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Industrial Disputes – Meaning Types , Causes Consequence Prevention and Settlement. Labour Participation in Management<br>Industrial Disputes in India – Main Causes and Remedies . Industrial Dispute Act. 1947. Collective Bargaining .Trade Union Definition, Need Growth, Approaches and Functions. Trade Union Movement in India – Growth, Difficulties, Draw backs and Measures to strengthen the Trade union Movement in India . | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Labour Act and I.L.O.- Problem of Housing of industrial workers in India. Labour Act. 1948. Child and Women Labour in India . Measures to Prevents Child Labour . India and International Labour Organisation.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

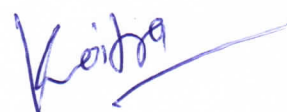
**COURSE OUTCOMES:-**

- Student will be able to understand the conceptual frame work about Labour Economics helps the students of Economics to understand the nature of Labour market,
- Student will be able to understand the Issues related to employment, wage determination, Industrial relations, role of trade unions and the role of the state Government in improving the standards of Labour.
- They exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.
- Student will be able for a better understanding the Problem of Housing of

  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)









**TEXT BOOKS:**

- Labour Economics Gupta P.K. Vrinda publication Agra


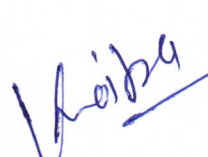
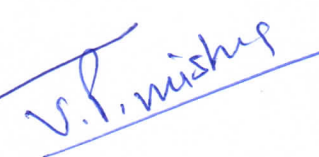

☐ श्रम अर्थशास्त्र जैन एस. सी. एवं अग्रवाल रवि कैलाश पुस्तक सदन भोपाल


**REFERENCE BOOKS :**

- Labour Economics Gupta P.K. : Vrinda publication Agra

☐ श्रम अर्थशास्त्र एवं औद्योगिक संबंध, टी.एन. भगोलीवानः साहित्य भवन पब्लिकेशन आगरा

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

  
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**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: APPLIED ECONOMETRICS ELECTIVE PAPER-I**

**Subject Code: 6HMEC305**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide a better understanding our students to mathematical economics.
- To prepare our students for understanding various econometrics model.

| Unit              | Course Content   | Methodology Adopted   |
|-------------------|--|---|
| <b>Unit – I</b>   | Stages In Empirical Econometric Research - Stages in empirical econometric research , the matrix approach to linear regression model, review of functional forms and qualitative explanatory variable regression models. | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| <b>Unit – II</b>  | Regression Diagnostics - Detection of, and remedial measures for multicollinearity, Autocorrelation Heteroscedasticity. Misspecification; functional forms; model selection.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| <b>Unit – III</b> | Advance Topics In Regression Analysis - Selected Topics: Dynamic Econometric Models : distributed lag models; autoregressive models instrumental variable estimation; simultaneous equation models.                      | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| <b>Unit – IV</b>  | Panel Data Models - Methods of estimation; fixed effects model. Random effects model.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| <b>Unit – V</b>   | Introduction To Econometric Software Package - GRETL, E-VIEWS, STATA (any one)   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Students will be able for a better understanding about econometrics.
- Students will be able for a better understanding about model of econometrics.

**TEXT BOOKS:**

- Basic Econometrics Damodar Gujarati USB Publisher. Dehli
- Quantitative Techniques Kothari C.R.; Vikas Publication House. Jaipur
- Quantitative Techniques Khandewal.; International book house. Allahabad
- ☐ शोध पद्धतियाँ एवं सांख्यिकी जैन एम. सी. कैलाश पुस्तक सदन भोपाल
- ☐ अनुसंधान पद्धतियाँ बघेल एस.सी. एवं बघेल किरण, कैलाश पुस्तक सदन भोपाल

**REFERENCE BOOKS :**

- Quantitative Techniques Shukla S.M and Sahay S.P. Sahitya Bhavan Publication. Delhi
- Statistics Technique Singh S.P. S. Chand & Co. Delhi
- ☐ सामाजिक शोध एवं सांख्यिकी तिवारी महेश कुमार कैलाश पुस्तक सदन भोपाल

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |

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KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ELECTIVE STATISTICS - ELECTIVE PAPER-II**

**Subject Code: 6HMEC306**

**Theory Max. Marks: 50**

**Theory Min. Marks: 17**

**COURSE OBJECTIVE:**

- To provide an understanding of the basic concepts and methods of Statistics, for application in data analysis.
- To provide statistical skill required for the analysis of socio-economic data.
- To provide hands-on training in data analysis (along with computer applications)
- Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Central Tendency And Dispersion - Measures of central tendency-Mean, Median, Mode, Geometric Mean and Harmonic Mean, Measures of Dispersion, Range, Mean Deviation, Standard Deviation. Coefficient of Variation Quartile Deviation, Skewness and Kurtosis.  | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Correlation And Regression - Correlation- Meaning and definition of correlation. Methods of determining correlation. Karl Pearson's coefficient of correlation, Spearman's Rank Correlation, Coefficient of correlation by the method of Least squares. Regression Analysis-Meaning of regression and regression analysis, To find Regression equation through least squares. Interpretation of Correlation and Regression Coefficients. Partial and Multiple correlation Analysis.                              | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Time Series And Index Numbers - Time Series Analysis-concepts and components of Time-Series. Mathematical Models for Time-Series. determination of regular, trend and Measurement of Long-Run Trend or Secular trend. Index numbers- concept and importance of Index Numbers. Methods of consumption of Index Numbers. Problems in the construction and limitations of index numbers, test for ideal index number.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Probability Theory And Probability Distribution - Probability: Concept and Rules of probability (addition law or theorem and multiplication law or theorem of Probability), Conditional Probability. Permutation and Combination. Probability distribution- Binomial, Poisson, and Normal distribution. Standard Normal distribution. Theoretical distribution-: their properties and uses.  | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Test of Significance - Test of significance large samples: sampling for variables, test of significance for mean, test of significance of the difference between two simple means and standard deviation, Test of hypothesis/significance if attributes, test of significance of the difference between proportion of two samples<br>Test of significance small samples: need for a separate analysis, test of significance for small samples – student t-distributions, F-distribution, Fisher's Z-distribution | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:**

- Student will be able to understand the basic concepts and methods of Statistics, for application in data analysis.
- They Develop the statistical skill required for the analysis of socio-economic data.

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(C.G.)

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- They know the hands-on training in data analysis (along with computer applications)
- They know and Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.


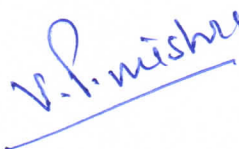
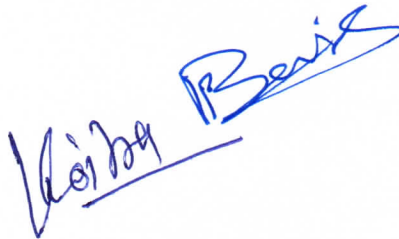
#### TEXT BOOKS:


- Quantitative Techniques Kothari C.R., Vikas Publication House. Jaipur
- Quantitative Techniques Khandewal:, International book house. Allahabad
- ☐ शोध पद्धतियाँ एवं सांख्यिकी जैन एम. सी. कैलाश पुस्तक सदन भोपाल
- ☐ अनुसंधान पद्धतियाँ बघेल एस.सी. एवं बघेल किरण, कैलाश पुस्तक सदन भोपाल

#### REFERENCE BOOKS :

- Quantitative Techniques Sukla S.M and Sahai S.P. Sahitya Bhavan Publication. Delhi
- Statistics Technique Singh S.P., S. Chand & Co. Delhi
- ☐ सामाजिक शोध एवं सांख्यिकी तिवारी महेश कुमार कैलाश पुस्तक सदन भोपाल

| Job Opportunities  | Employability Skill Developed   | Local/National/UNDP Goal Achieved  | Entrepreneurship Opportunity |
|--|---|--|------------------------------|
| Jr. Research Analyst, Executive in Marketing Research Firm | Computing Skill, Numeracy, Problem Solving Skills, Presentation Skills, Action Planning | No Poverty, Quality Education and Decent work and Economic Growth goals achieved | Data Analyst, Research firms |

  
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**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 3<sup>rd</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ELECTIVE MATHEMATICAL ECONOMICS**  
**ELECTIVE PAPER-II**

**Subject Code: 6HMEC307**

**Theory Max. Marks: 50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide a better understanding with various economics terms in Mathematical forms.
- To prepare our students for modern econometrics tools.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Consumer Theory - Utility function; budget line: constrained optimization; consumers equilibrium; income effect, substitution effect; Slutsky equation; derivation of Demand curve; elasticity of demand; consumers surplus.  | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Theory of Production - Properties of production function-homogenous and non- homogenous; Cobb- Douglas CES Returns, to Scale; Technology progress and production function; choice of optimal combination of factors of production; cost and revenue function; derivation of cost curves; relation between total average and marginal cost and revenue; produces surplus; production possibility curve; adding-up theorem. | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Market Structure/Pricing - Concept of equilibrium; equilibrium of the firm under perfect competition; Monopoly; Price discrimination; Monopolistic Competition; subsidies and taxes ; economies of scale; market equilibrium.   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Input-Output Analysis, Linear Programming - Input-Output analysis; the simple closed and open model; linkages, concepts and measurement dynamic Input-Output model; Linear Programming-basic concepts, primal and dual, basic theorems of Linear Programming; graphical method.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Game Theory - Introduction and concepts- simple and mixed strategy; saddle point solution, prisoners dilemma; Pay-off matrix of a game-two person-two commodity and zero-sum game .   | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- Students will be able for a better understanding about uses of mathematics in economics.
- Students will be able for a better understanding about new terms of mathematics in advanced economics analysis.

**TEXT BOOKS:**

- Basic Econometrics Damodar Gujarati USB Publisher. Dehli
- Quantitative Techniques Kothari C.R.; Vikas Publication House. jaipur
- Quantitative Techniques Khandewal.; International book house. Allahabad
- ☐ शोध पद्धतियाँ एवं सांख्यिकी जैन एम. सी. कैलाश पुस्तक सदन भोपाल
- ☐ अनुसंधान पद्धतियाँ बघेल एस.सी. एवं बघेल किरण, कैलाश पुस्तक सदन भोपाल

**REFERENCE BOOKS :**

- Quantitative Techniques Shukla S.M and Sahay S.P. Sahitya Bhavan Publication. Delhi

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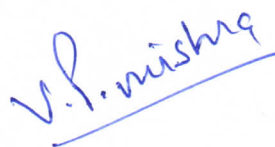
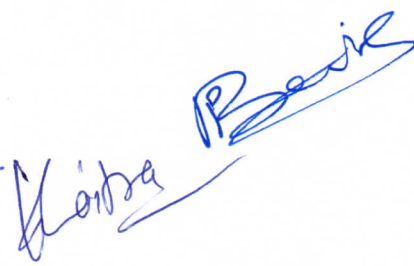



Statistics Technique Singh S.P.; S. Chand & Co. Delhi

□ सामाजिक शोध एवं सांख्यिकी तिवारी महेश कुमार कैलाश पुस्तक सदन भोपाल

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                           | Entrepreneurship Opportunity   |
|---|---|---|--|
| Research Economist<br>Teaching Advisor of Market issues & Problems. | Able to understand how to Solve Market Problems and economical condition. | Quality Education<br>Responsible Consumption and production | The Advance Economic analysis concept that drive the decision-making processes of an established firm also apply to start-up business. |



  
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**SEMESTER- 4<sup>th</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: RESEARCH METHODOLOGY**

**Subject Code: 6HMEC401**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To make the students to know the basic concepts and methods in Research methodology.
- It provides the conceptual frame work about Hypothesis Formulation and testing and Sampling Method.
- To make the students to know the basic Tools and Techniques of Data Collection.
- To provide the knowledge about to understand Identification of Research Problem.
- To provide statistical skill required for the analysis of socio-economic Research.
- To provide the knowledge about to Theory Formation in Social Sciences, Survey Analysis, Report writing.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Research – Nature of Social Research: Importance and uses, Difference between Pure and Applied Research, Identification of Research Problem, Research Design.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Hypothesis- Hypothesis Concepts and Variables, Typologies, Hypotheses Formulation and testing, Sampling Method.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Tools and Techniques of Data Collection-Observation: Characteristics of observation, Kinds of observation, merits and Demerits, Questionnaire, Scheduled and Interviews, Sampling and Survey technique. | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Nature of study- Case study, technique, Role and importance of case studies, Pilot studies and panel studies.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Theory Formation in Social Sciences- Survey Analysis, Types, Merits, Demerits, Report writing, Purpose and contents of a Report.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:-**

- They will understand the basic concepts and methods in Research methodology.
- They will understand the conceptual frame work about Hypothesis Formulation and testing and Sampling Method.
- They know the basic Tools and Techniques of Data Collection.
- Student will be able to understand Identification of Research Problem.
- They develop the statistical skill required for the analysis of socio-economic Research.
- They know about to Theory Formation in Social Sciences, Survey Analysis, Report writing.

**TEXT BOOKS:**

- Basic Econometrics Damodar Gujarati USB Publisher, Dehli
- Quantitative Techniques Kothari C.R.; Vikas Publication House. Jaipur
- Quantitative Techniques Khandewal; International book house. Allahabad
- ☐ शोध पद्धतियाँ एवं सांख्यिकी जैन एम. सी. कैलाश पुस्तक सदन भोपाल
- ☐ अनुसंधान पद्धतियाँ बघेल एस.सी. एवं बघेल किरण, कैलाश पुस्तक सदन भोपाल

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Dr. C.V. Raman University  
Kargi Road, Bilaspur (C.G.)

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**REFERENCE BOOKS :**

- Quantitative Techniques Sukla S.M and Sahai S.P. Sahitya Bhavan Publication. Delhi
- Statistics Technique Singh S.P.; S. Chand & Co. Delhi
- ☐ सामाजिक शोध एवं सांख्यिकी तिवारी महेश कुमार कैलाश पुस्तक सदन भोपाल

| Job Opportunities                                    | Employability Skill Developed  | Local/National/UNDP Goal Achieved   | Entrepreneurship Opportunity |
|--|--|---|------------------------------|
| Management consultant for the company, Legal advisor | Analytical and logical skill, Problem solving Skill, Managerial skill, Commercial Acumen skill, Able to handle legal queries | No Poverty, Quality Education and Decent work and Economic Growth, achieved | Legal service advisor        |

V.P. Mishra

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Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.O.)



**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 4<sup>th</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: INDIA'S FOREIGN TRADE AND  
INTERNATIONAL INSTITUTIONS**

**Subject Code: 6HMEC402**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To make the student to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- To develop the conceptual frame work about different international organization and its function.
- To provide the knowledge about to understand Balance of Payments, Balance of Trade and its impact on our economy.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Foreign Trade and Economic Development- Meaning and Components of Balance of Payments, Equilibrium and disequilibrium of Balance of Payments. Factors causing disequilibrium balance of payments.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Adjustment mechanisms of Balance of Payments- Under Gold Standards, Under flexible exchange rates (price effect), Under elasticity approach Marshall Lerner Principle, Under capital movements direct control for adjustment. Foreign Trade Multiplier and determination of Income.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Concept of Foreign exchange rate- Determination of Equilibrium, exchange rate. Theories of exchange rate-determination the purchasing power parity theory and the Balance of Payment theory. Factor causing changes in exchange rates. Relatives merits and demerits of fixed and flexible exchange rates, concepts of spot and forward exchange rates, convertibility of currency.                                     | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Exchange control-Meaning, features, objectives and methods of exchange control. Devaluation -Devaluation of Indian Rupee and its impact on economy. Free Trade versus Protection.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | World Trade Organization - Functions, structure objectives and working of WTO. India and WTO. Trade Blocks- EU, NAFTA, ASEA. International Monetary Fund-Origin, objectives, functions and working of the fund, India & IMF .World Bank-Functions, working, India and the World Bank. Foreign Trade and BOP in India. Recent changes in the direction and composition of trade. Major problems of Indian export sector. | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOMES:**

- They will understood the theoretical aspects related to India's Foreign Trade and International Institutions.
- They develop the conceptual frame work about different international organization and its function.
- They know about to understand Balance of Payments, Balance of Trade and its impact on our economy.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.



**TEXT BOOKS:**

- INTERNATIONAL ECONOMICS AHUJA H.L. S. CHAND PUBLICATION AGRA .
- INTERNATIONAL ECONOMICS SETH M.L., LAXMI NARAYAN PUBLICATION AGRA.
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र सेठ एम. एल.: लक्ष्मी नारायण पब्लिकेशन आगरा
- ☐ अर्थशास्त्र माहेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र कैलाश पुस्तक सदन भोपाल
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र आहूजा एम.एल. एस.चंद पब्लिकेशन दिल्ली

**REFERENCE BOOKS :**

- INTERNATIONAL ECONOMICS JHINGAN M.L. VRINDA PUBLICATION AGRA
- INTERNATIONAL D.M. MITHANI: HIMALAYA PUBLISHING HOUSE MUMBAI.
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र, सिन्हा वी.सी.: साहित्य भवन पब्लिकेशन आगरा
- ☐ अन्तर्राष्ट्रीय अर्थशास्त्र झिंगन एम.एल.: वृन्दा पब्लिकेशन । दिल्ली

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved   | Entrepreneurship Opportunity                              |
|---|---|---|---|
| Advertising professional, Marketing & Sales executive, Media Planner, Copywriter, | Persuading, Influencing & Negotiating Skills, Logical Analysis, Creativity, Problem Solving Skills, Leadership Skills | No Poverty, Zero hunger, Quality Education and Decent work and Economic Growth goals achieved | Advertising Agency, Media Planner, Advertising Consultant |



V.P. Mishra  
V.P. Mishra

Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



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KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 4<sup>th</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: INDIAN ECONOMICS POLICY ELECTIVE PAPER-I**

**Subject Code: 6HMEC403**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To develop the conceptual frame work about Indian economic policies.
- To provide the knowledge about to understand Development Strategies and Economics Reforms in India
- To provide the knowledge about to understand growth Performance about different sectors and Indian Financial System and its agency.
- To make the student to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

| Unit       | Course Content   | Methodology Adopted   |
|------------|--|---|
| Unit – I   | Framework of Indian Economy- Economics Policy: An Introduction, Trend and Structure of National Income, Demographic Features and Indicators of Development, Poverty and inequality : Policy Implications, Employment and Unemployment : Policy Implications. | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Development Strategies in India- Planning in India: Objectives, Strategies and Evaluation, Economics Reforms in India, Critique of Economic Reforms.   | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Sectoral Performance-I- Agricultural Growth, Productivity Trends and Crop Patterns, Issues and Concerns in Indian Agriculture, Industrial Sector in Pre-reform period, Industrial Sector in Post-reform period with Emphasis on Small-Scale Sector           | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Sectoral Performance-II- Infrastructure, Indian Financial System : Money Market and Monetary Policy, Capital Market in India and Working of SEBI ,GST.   | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Sectoral Performance-III- Foreign Trade and Balance of Payment, India and International Institutions, Multinational Corporations and Foreign Capital, Government Finance : Union and States, Fiscal Federalism in India and latest Finance Commission.       | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOME:**

- They develop the conceptual frame work about Indian economic policies.
- They know about to understand Development Strategies and Economics Reforms in India
- Student will be able to understand the growth Performance about different sectors and Indian Financial System and its agency.
- Student will be able to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions

**Text Books:**

- INDIAN ECONOMY DUTT RUDDR AND SUNDARAM: S. CHAND AND CO. DEHLI
- भारतीय अर्थव्यवस्था शुक्ला एल.एन.: लक्ष्मी नारायण अग्रवाल पब्लिकेशन दिल्ली

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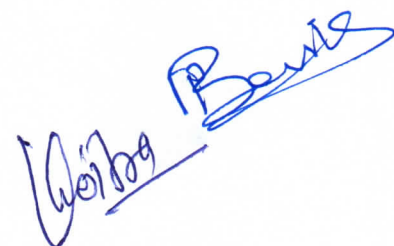
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**Reference Books :**

- INDIAN ECONOMY MISHRA S.K AND PURI V.K: HIMALYA PUBLICATION HOUSE. MUMBAI
- B.K SINGH- DEVELOPMENT A.TIWARI PLANNING AND POLICIES.
- ☐ भारतीय अर्थव्यवस्था मिश्रा एवं पुरी हिमालय पब्लिकेशन मुम्बई
- ☐ भारतीय अर्थव्यवस्था रुद्रदत्त एवं सुन्दरम, एस.चन्द पब्लिकेशन दिल्ली
- ☐ भारतीय अर्थव्यवस्था पंत जे.सी. एवं अग्रवाल साहित्य भवन पब्लिकेशन आगरा

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved   | Entrepreneurship Opportunity |
|---|---|---|------------------------------|
| Marketing Executive, Relationship executive, Sales Professional | Persuading, Influencing & Negotiating Skills, Problem Solving Skills, Leadership Skills | No Poverty, Zero hunger, Quality Education and Decent work and Economic Growth goals achieved | Marketing Consultant         |

 V.P. Mishra 

  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)



**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 4<sup>th</sup>**

**Course: M. A. ECONOMICS**

**SUBJECT: ECONOMICS OF HEALTH AND EDUCATION**  
**ELECTIVE PAPER-I**

**Subject Code: 6HMEC404**

**Theory Max. Marks:50**

**Theory Min. Marks:17**

**COURSE OBJECTIVE:**

- To provide our students for understanding health economics and education economics.
- To provide a better understanding about Human development & health

| Unit       | Course Content  | Methodology Adopted   |
|------------|---|---|
| Unit – I   | Role of Health And Education In Human Development - Importance in poverty alleviation, health and education outcomes and their relationship with macroeconomic performance.   | ICT based class room teaching, Group Discussion, Case Analysis, Individual Presentations            |
| Unit – II  | Microeconomic Foundation Of Health Economics - Demand for health, uncertainty and health insurance market, alternative insurance mechanisms, market failure and rational for public intervention equity and inequality. | ICT based class room teaching, Case Analysis, Individual Presentation, Visit to Venture Capitalists |
| Unit – III | Evaluation Of Health Programs - Costing, cost effectiveness and cost benefit analysis, burden of disease. Health Sector In India : Health outcomes, health systems, health financing.                                   | ICT based class room teaching, Case Analysis, Group Presentation                                    |
| Unit – IV  | Education – Investment In Human Capital - Rate of return to education, private and social quality of education, signaling or human capital theories of discrimination, gender and caste discrimination in India.        | ICT based class room teaching, Case Analysis, Individual Presentation                               |
| Unit – V   | Education Sector In India – An Overview - Literacy rates, school participation, school quality measures.  | ICT based class room teaching, Case Analysis, Group Presentation                                    |

**COURSE OUTCOME:**

- Students will be able for a better understanding about education and health sector.
- Students will be able for a better understanding about health programs.

**TEXT BOOKS:**

- Industrial Economics Shivbhusan Gupta SBPD Publication Agra
  - Industrial Economics P.D. Maheshwari Kailash Pustak Sadan. Bhopal
- ☐ कृषि अर्थशास्त्र: माहेश्वरी पी.डी.कैलाश पुस्तक सदन भोपाल

**REFERENCE BOOKS :**

- Agricultural Economics An Indian Perspective R.K Lekhi, Joginder Singh साहित्य भवन पब्लिकेशन आगरा
- ☐ कृषि अर्थशास्त्र, जे.पी. मिश्र : साहित्य भवन पब्लिकेशन आगरा

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved   | Entrepreneurship Opportunity |
|---|---|---|------------------------------|
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*Deputy Registrar*  
**Deputy Registrar (Academic)**  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)

*Ph*

*V.P. Mishra*

*Kaiba*

*Boris*





**DR. C.V.RAMAN UNIVERSITY**  
KARGI ROAD, KOTA, BILASPUR (C.G.)

**SEMESTER- 4<sup>th</sup>**  
**Course: M. A. ECONOMICS**  
**SUBJECT: DISSERTATION**

**Subject Code: 6HMEC405**  
**Theory Max. Marks:100**  
**Theory Min. Marks:33**

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**Review of Related Literature. पूर्व में किये गये कार्यों का अध्ययन**  
**Research Methodology. : शोध विधि**  
**Observation And Analysis of Data. निरीक्षण एवं आंकड़ों का विश्लेषण**  
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- Bibliography – As per style given in Reference section of text of the thesis. संदर्भ सूची**
- Preparation & Presentation of Synopsis. लघुशोध संक्षेपिका तैयार करना एवं प्रस्तुतीकरण**
- Exam, Evolution And Viva Voce. परीक्षा, मूल्यांकन एवं साक्षात्कार**

| Job Opportunities   | Employability Skill Developed   | Local/National/UNDP Goal Achieved                              | Entrepreneurship Opportunity  |
|---|---|--|---|
| Research<br>Economist<br>Teaching<br>Advisor of<br>Market issues &<br>Problems. | Able to understand how to<br>Solve Market Problems and<br>economical condition. | Quality Education<br>Responsible Consumption and<br>production | The Advance Economic<br>analysis concept that drive<br>the decision-making<br>processes of an established<br>firm also apply to start-up<br>business. |

*Ph*

*V.P. Mishra*  
*Kishor*  
*Ramesh*

*Kota*  
Deputy Registrar (Academic)  
Dr. C.V. Raman University  
Kota, Bilaspur (C.G.)