

BHARATHIAR UNIVERSITY: COIMBATORE- 641 046
M.Phil. / Ph.D. - ECONOMICS

PART-I SYLLABUS

(For the candidates admitted from the academic year 2018-19 onwards)

PAPER I : RESEARCH METHODOLOGY

PAPER II: ECONOMIC ANALYSIS

PAPER III: Special Papers

1. **AGRICULTURE ECONOMICS**
2. **INDUSTRIAL ECONOMICS**
3. **PUBLIC ECONOMICS**
4. **ENVIRONMENTAL ECONOMICS**
5. **MONETARY ECONOMICS**
6. **INTERNATIONAL ECONOMICS**
7. **ECONOMICS OF HUMAN RESOURCES**
8. **ECONOMICS OF SERVICE SECTOR**
9. **RURAL DEVELOPMENT**

PAPER I: RESEARCH METHODOLOGY

UNIT-I

Economic Research: Significance of Economic Research – Types of Research – Formation of Research Problem –Formulation of Hypothesis – Sources of Data – Methods of Data Collection – Sampling design: Random and Non-random.

UNIT-II

Data analysis: Measuring of central Tendency and Dispersion – Tests of Hypothesis – Types of Errors – Parametric and Non-Parametric test: „t“ Test – „z“ Test – „F“ Test and ANOVA – Chi-square Test

UNIT-III

Correlation: Meaning – Types of Correlation: Simple, Partial and Multiple Correlation – Regression: Meaning – Linear Regression – Difference between Correlation and Regression.

UNIT-IV

Index Numbers: Their concept as Weighted Averages –Problems in the Construction of Index Numbers – Chain Index – Cost of Living Index Number (different formulae) - Wholesale Price Index and Cost of Living Index in India – Uses of Index Numbers.

Time Series Analysis: Meaning – Components of Time series – Measurement of Trend: Method of Least Square – Measurement of Seasonal Variation: Ratio – to Moving Average Method.

UNIT-V -Research paper writing – content-structure-types – ranking

Thesis and Report Writing – Different stages in writing Report – Layout of the Research Report – Types – Precautions in writing Research Reports – Foot notes – Bibliography.

(Note: Question Pattern: Theoretical aspects 70% and Problem 30%. In either or question pattern, questions 2(b), 3(b) and 4(b) may be problem solving)

References

1. C.R.Kothari – Research Methodology, methods and Techniques – Willy Eastern Ltd., 1988.
2. A.Koutsoyiannis – Theory of Econometrics – An Introductory Exposition of Econometrics Methods - Macmillan Ltd., 1987.
3. M.Cohen and E.Nagal – An Introduction to logic and Scientific method, New York 1962
4. William J Goode & Paul K Hatt – Methods in Social Research, 1972
5. Pauling V.Young – Scientific Social Survey's and Research, Prentice Hall – (Dorsey Press), New York.
6. Wonnacott and Wonnacott – Econometrics

PAPER II: ECONOMIC ANALYSIS

UNIT I : THEORY OF CONSUMER BEHAVIOUR

Utility Analysis: Utility -Law of Diminishing Marginal Utility -Law of Equi-Marginal Utility - Consumer's Surplus; **Indifference Curve Analysis :** Indifference curve – Meaning and Properties -Marginal Rate of Substitution and Price line -Consumer's Equilibrium -Income effect. Price effect and Substitution effect (Hicks Allen Eugene Slutsky method); **Revealed Preference approach:** Strong and weak axioms of revealed preference.

UNIT II : THEORY OF PRODUCTION AND COST

Production function - Law of Variable Proportions and Returns to Scale; **Isoquants:** Properties, Producers equilibrium, Elasticity of substitution - production function. Linear-Homogenous production function, Cobb – Douglas Production function; **Cost concepts-** Accountants" and Economists" Approach, Private and social costs, opportunity cost, fixed, variable and total costs, average and marginal costs : short run and long run cost curve; **Revenue concepts:** Average, Marginal and Total Revenue, revenue curves under different market conditions

UNIT III : PRICE AND OUTPUT DETERMINATION

Perfect competition: Features, Price determination in short and long run, Equilibrium of Firm and Industry; **Monopoly:** Price and output determination, Price discrimination; **Monopolistic competition** – features, equilibrium of the firm and Group, Excess capacity, Defects in monopolistic competition; **Oligopoly** - Price and output determination – **Non Collusive:** Kinky demand curve and price rigidity, **Collusive:** Price leadership, Cartels and Game Theory.

UNIT : IV THEORIES OF DISTRIBUTION

Marginal Productivity Theory of Distribution; **Rent** -Ricardian Theory of Rent -Modern Theory of Rent Quasi Rent; **Wages** -Marginal Productivity, Theory of Wages -Wage Differentials; **Interest:** classical, Lovable Funds and Liquidity Preference theories; **Profit::** Risk and Uncertainty and Innovation theory of Profit

UNIT : V THE CLASSICAL AND KEYNESIAN MACRO ECONOMICS

Classical Income and Employment Theory: The Classical Economics. Quantity Theory of Money, Fisher and Cambridge equations - Saving, Investment and the Rate of interest in the pre-Keynesian framework; **Keynesian Income and Employment Theory:** Keynesian Economics of Consumption, Savings and Investment - Theory of Multiplier.

References

1. Baumol, W.J. (1982), *Economic Theory and Operations Analysis*, Prentice Hall of India, New Delhi. 2. Hirshleifer, J and A. Glazer (1997), *Price Theory and Applications*, Prentice Hall of India, New Delhi.
2. Sen, A. (1999), *Microeconomics : Theory and Applications*, Oxford University Press, New Delhi.
3. Stigler G. (1996), *Theory of Price*, 4th Edition, Prentice Hall of India, New Delhi.
4. Sen. A. (1999), *Microeconomics : Theory and Application*, Oxford University Press, New Delhi.
5. Koutsoyiannis, A. (1979), *Modern Microeconomics*, 2nd Edition, MacMillan Press, London.
6. Ahuja H. L. (2003), *Advanced Economic Theory : Microeconomics Analysis*, 13th Edition, S. Chand and Co. Ltd., New Delhi.
7. Chaturvedi, Gupta and Pall (2002), *Business Economics : Text and Cases*, Galgotia Pub. Com., New Delhi.
8. Henderson, A. M. and R. E. Quandt (1980), *Microeconomics Theory, A Mathematical Approach*, McGraw Hill, New Delhi.
9. Dewett K. K., *Modern Economic Theory*, S. Chand & Company Ltd., Revised Edition, 2005.
10. Ackeley G. (1978): *Macro Economics: Theory and Policy*, McMillan, New York
11. Edward Shapiro (2003), *Macroeconomic Analysis*, 5th Edition, Galgotia Publications

PAPER III (Special Papers)

1. AGRICULTURAL ECONOMICS

Unit – I: Agriculture and Indian Economy

Role of agriculture in Economic Development – Importance of Agriculture in Indian Economy – Share of agriculture in Indian Economy – Relationship between Agriculture and Industry – Cropping pattern.

Unit – II: Agriculture Growth and New Agricultural Technology

Green Revolution –Agricultural inputs: fertilizers and Plant Protection, Irrigation and Farm Mechanization – Shifts in Production Function –Agricultural labour types of farming – organing farming - precision farming – mixed farming – natural farming– Growth and Productivity Trends in Agriculture.

Unit – III: Agricultural Marketing

Agricultural Marketing in India – Defects in Marketing of Agricultural Produce and Measures taken by Government – Regulated markets – Co-operative Marketing – farming markets – Contract farming – Need and objectives of Agricultural price policy – Instruments of Agricultural Price policy in India: Food Security and Public Distribution system in India.

Unit – IV: Agricultural Finance

Role of Capital in Agriculture - Sources of Capital – Capital formation in Agriculture - Need for Agricultural Credit – Classification of Agricultural Credit – Problems of Agricultural credit - Source of Agricultural Credit – Crop Insurance – NABARD - Farmers indebtedness and suicides issues.

Unit – V: Co-operative Movement

Regional Disparities in Indian Agriculture – Co-operative Movement in India: Organisation – Structure and Development of Different Types of Co-operatives in India. Defects of cooperative movement – measure to strengthen the cooperative movement.

References

1. Memoria C.B. Agricultural Problems of India, Kitab Mahal, Allahabad
2. Sadhu and Singh, Fundamentals of Agriculture Economics, Himalaya Publishing House, New Delhi.
3. Bombay Bansil.P.C. Agricultural Problems of India, Vikas publishing House Pvt. Ltd., New Delhi.
4. Earl O.Heady Economics of Agricultural Production & Resources use, Prentice Hall, New Delhi
5. Misra and Puri Indian Economy, Himalaya Publishing House, Bombay.

2. INDUSTRIAL ECONOMICS

Unit I: Industry and Economic Growth

Industrialization – Meaning, Importance – Objectives of the firm – Managerial Theories, Behavioural Theories, Alternative Approaches – Industrial Location – Weber’s Theory, Central Place Theory, Market Area Theory.

Unit II: Pattern of Industrialization

Public Sector – Role and Importance, Pricing under public sector, Disinvestment in PSUs – Private Sector – Forms of Organization, Vertical and Horizontal Integration – Small Scale Industries – Importance, Strategy for rapid growth SSI – MSME.

Unit III: Industrial Legislation

Forms of Government Regulation – Tariff Commission – Competitive commission - Foreign Exchange of India. Management – Economic Reforms and Industrial Growth.

Unit IV: Industrial Productivity

Production Function – Cobb Douglas and CES - Industrial Productivity – Partial Factor Productivity, Incremental Productivity Ratios, Total Factor Productivity – Kendrick, Solow Indices – Measurement of Technical Change.

Unit V: Industrial Finance

Industrial Finance – Need, Types and Sources of Finance – Development Banking – IDBI, IFCI, SFCs – SIDCO – Industrial Labour – Problems, Policies and Reforms on Industrial labour in India.

Reference Books:

1. Barthwall R.R. (2010), “Industrial Economics”, New Age International Publishers, New Delhi.
2. Desai S.S.M, N. Bhalerao (2008), “Industrial Economy Of India”, Himalaya Publishing House, New Delhi.
3. Raj Agrawal (2002), “Business Environment”, Excel Books, New Delhi.
4. Koutsoyannis. A., “Modern Micro Economics”, Macmillan, New York.
5. Goldar. B.N., “Productivity Growth in Indian Industry”, Allied Publishers, New Delhi.

3. PUBLIC ECONOMICS

Unit I

Evolution of Public Finance – Major Fiscal Functions – Allocation, Distribution, Stabilization Functions - Theory of Public goods and Private goods - Theory of Public Choice – Pareto optimality – Social Choice theory by Amartia Sen.

Unit II

Public expenditure – Role of public expenditure under liberalized regime – public expenditure on Health, Education, Housing and Employment: Growth and Trends – Government subsidies: Issues and approaches –Evaluation of public expenditure – Cost Benefit Analysis.

Unit III

Role of direct and indirect taxes – Issues related to the tax reforms – Fiscal adjustment and tax revenue - Tax on services: Issues and strategies – changes in levy and collection - Indirect taxes –Goods and Service Tax (GST), Structure of GST (SGST, CGST, UTGST & IGST), GST Council.

Unit IV

Budgeting Procedures - Relevance of Zero Based budgeting – deficit financing – Fiscal deficit and techniques of containing fiscal deficit – Role of public enterprises and administered pricing – Disinvestment - Debt management.

Unit V

Fiscal federalism – Principles – Finance Commission: Role and functions – Recommendations of latest Finance commission – Issues related to revenue sharing between centre, state and local bodies – Finance of local bodies – 73rd and 74th Amendments of Constitution and its impact on financial resources of local bodies.

References

1. Aerbach A.J Hand book of public Economics, Volume, 1,2,3 and 4 Harvard University Cambridge, M.A USA
2. Brown C.V and Jackson – Public Sector Economics
3. Chelliah Committee Reports on Tax reforms, Government of India
4. Hyman, David – The Economies of Governmental Activity
5. Mishan, E.J., (1982), Cost – Benefit Analysis - An informal introduction, George - Allen and Unwin, London.
6. Muellur, D.C.(1979), Public Choice, Cambridge University Press, Cambridge.
7. Musgrave, R.A. and P.B. Musgrace (1976), Public Finance in Theory and Practice, Mc Graw Hill, Kogakusha, Tokyo.
8. Reports of Finance Commissions, Government of India.
9. Tyagi.B.P, Public Finance, Jai Prakash Nath Publication, New Delhi.

Web Links :-

1. www.fiscalconf.org.
2. www.tn.gov.in
3. www.nic.in/finmin
4. www.ndiabudget.nic.in

4. ENVIRONMENTAL ECONOMICS

Unit I: Concepts in Environmental Economics

Environment – Ecology – Eco-system – Anthropocentrism – Egocentrism - Environmentalism – Nexus between Economics and Environment – Bio-diversity – Market Failure – Public Goods – Externalities – Sustainable Development – Private Cost versus Social Cost.

Unit II: Natural Resource Availability, Utilization and Environmental Problems

Definition and classification of Resources: Renewable and non-renewable resources – Conservation of resources and methods of conservation – Pollution: Domestic: Solid waste, Health and Sanitation and Unsafe Drinking water. Industrial: Air pollution, Water pollution and Soil pollution - Agricultural land pollution: Soil erosion and reduction in soil fertility - Degradation of vegetations (forests) – Degradation of Common Property Resources (CPRs). Carbon trading – Green production – Marketing.

Unit III: Theory of Externalities and Techniques

Trade-off between Economic Growth and Environment - Market equilibrium analysis in natural resource economics – Economics of pollution control – Limits to growth – Coase's Theorem – Simon Kuznet's Inverted „U“ shaped curve – Environmental Impact Assessment (EIA) – Benefit/ Cost Analysis – Hedonic approach – Contingent valuation methods.

Unit IV: Environment and Society

Problem and Economic Development – Population and Environment – Women and Natural Resource – Poverty and Environment – Technology and Environment – Urbanization and its impact on Environment – Peoples participation and Environmental Protection.

Unit V: Global Environmental Issues and Policy

Global environmental problems : Green House Effect - Global Warming - Acid Rain – World Conference on Human Environment (1972) – World Commission on Environment and Development (Brundtland Commission), 1984 – World Conference on Development and Environment (1992) - Agenda -21 Kyoto agreement – Seattle Conference and Environment – India's Environmental Policies: Environment Protection Act 1986 – Air Act 1981, Water Act 1974, Forest Act – Joint Forest Management.

References

1. **Adiseshiah Malcolm S.** [Ed] (1987), *Economics of Environment*, Lancer International, India International Center, New Delhi.
2. **Bhattacharya, Rabindra N.** (2001) *Environmental Economics: An Indian Perspective*, OUP, New Delhi.
3. **Charles D. Kolstad** (2010) *Environmental Economics*, 2 edition, Oxford University Press, USA.
4. **Clem Tisdell** (1993) *Environment Economics policies for Environmental Management and Sustainable Development*, Edward Elgar Publishing limited U.S.A.,
5. **Ramprasad Sengupta** (2001) *Ecology Economics; An approach to Sustainable Development*, OUP. New Delhi.
6. **Sankar. U** (2002) *Environmental Economics*, OUP, New Delhi
7. **Nick hanley, Jason F. Shogren and Ben white** (2008) *Environmental Economics*, Macmillan India Ltd.

5. MONETARY ECONOMICS

Unit I: Demand for Money

Classical view of Money Demand – Keynesian view of Money Demand – Inventory Approach to Money Demand – Portfolio Approach to Money Demand – Modern Quantity theory of Demand for Money. Liquidity theory of Money. Equilibrium in Money Market – Supply of Money – Determinants – High Powered Money – Money Multiplier.

Unit II: Central Bank

Role and Functions – Techniques of Credit Control – Monetary Policy – Objectives – Discriminatory Effect of Monetary Policy - Commercial Banks:- Role of Commercial Banks – Credit Creation - Financial Sector Reforms – A general view.

Unit III: Money Market

Structure of Financial Market – Classification of Financial intermediaries - Players and Instruments in Financial Markets – Money Market: Characteristics and Function of Indian Money Market – NBFIs – Classification - Role of NBFIs in Economic Development.

Unit IV: Capital Market

Importance and working of Capital Market - Stock market - primary and secondary market – features - Role and functions of stock exchange – SEBI.

Unit V: International Financial Institutions

International monetary fund – Its impact on Indian Economy – (IBRD) - world Bank and its institutions – Role of these institutions in Indian Economic Development – WTO – Its origin – growth effects in various sectors of Indian Economy.

References

1. **Suraj B Gupta** Monetary Economics-Institutions, Theory and Policy, S.Chand and Co Pvt.Ltd Delhi,2001
2. **Gupta R.D** Keynes and Post Keynes Economics, Kalyani publication New Delhi
3. **Chandler,L.V and S.MGoldtold** Economics of money and banking,7e Harper and Row,Newyork,1997
4. **Mithra S** Money and banking, Random house, Newyork
5. **Sayers,R.S** Modern Banking ,7e,Oxford University Press, New Delhi,1978
6. **Chandler,L.V** Central Banking and Economic Development, University of Bombay, Bombay
7. **Michael R.Baye and Dennis W. Jansen** Money banking financial markets An Economic Approach, A.I.T.B.S. PUBLISHERS AND Distributors Delhi9, 110051, 1996.
8. **Mathur, B.L (2008)** Macro Economic Theory and Policy, Wide Vision, Jaipur.

6. INTERNATIONAL ECONOMICS

Unit I

Theory of Trade – Classical Theory of Trade – One Factor model – Neo Classical theory of international trade – two factor model – Modern theory of trade.

Unit II

Terms of trade – tariff and trade – Stolper – Samuelson theory – Non – tariff barriers and trade agreements, Third World and trade development, RYBCZYNSKI theorem - Immiserization theory of Jagadish Bhagawati - GATT / WTO - Trading in goods, services, and Intellectual ownership - UNCTAD.

Unit III

Exchange rate determination – currency devaluations – Demonetisation impact - Exchange rate fluctuations and their impact - Capital inflow – Technology Transfer- Import substitution and Export promotion – Open Economy and General Equilibrium – International Institutions: IMF and World Bank - North – South Dialogue.

Unit IV

Balance of trade –Balance of payments - current account – Capital Account - Autonomous & Accommodating Transactions – Disequilibrium in balance of payments - Measures to restore equilibrium in balance of payments.

Unit V

Current Issues in International Trade – WTO – Doha round – International cartels with special reference OPEC and Oil Price – Trade and energy security – Convertibility of currency: Current account and Capital account convertibility – Analysis of FDI and FPI.

References

1. Bo Sodersten- International Economics
2. Kindly berger and Lindar P- International Economics
3. Caves and Jones- World Trade and Payments
4. Gerald Meier- International Economics and Development
5. Thirlwall A - Growth and Development
6. Kreinin M and Officer L- The Monerary approach to the Balance of payments – A Surevey Princeton studies in International Finance
7. Grubel- International Economics
8. Crockett- International Money
9. Yeager- International Monetary Relations
10. Williamson- The Failure of World Monetary Reform

7. ECONOMICS OF HUMAN RESOURCES

Unit-I: Human Capital Theories

Human capital: Meaning- Definition – Importance of Human Capital- Human Capital and Economic Development- Theory of Human Capital: Adam Smith, Becker, Shultz, Amartya Sen- Criticism to Human Capital theory.

Unit- II: Investment in Human Resource

Human Resource: Meaning- key functions- Investment in Human Resource and Economic Development- Return on Investment for Human Resource- Education and Economic Development- Privatization of Education- Women's Education- Population: Theory of Demographic Transition (Malthusian Theory and Neo-Malthusian Theory).

Unit- III: Health Economics

Health Economics: Origin- Scope- Healthcare Demand- Supply of Health- Public and Private Health- Investment in Health- Health Financing: Out of pocket expenses- Public expenditure- Health insurance- Role of Government in position of health care services.

Unit- IV: Labour Market

Labour Market: Meaning, Types and Theories, Labour Market Discrimination, Women and Child Labour- Wage Theories- Trade Union: Meaning, Objectives, Growth of Trade Union in India

Unit- V: Migration

Migration- Internal and External- Causes and consequences- Migration Theories- Brain drain.

References

1. Geraint Johns. The Economics of education-Macmillan Press, 1993
2. Psacharapoulos.G. Economics of Education: Research and studies(ed) Oxford: Pergamon Press, 1987.
3. Psacharapoulos.G and Woodhall.M. Education for Development – an Analysis of Investment choices, World Bank, Oxford University Press, New York, 1985.
4. Ravi Duggal and N.H. Antia Health Financing in India: A Review and an Agenda, Paying Indias Health Care, ed. P.Berman and M.E. Khan, Sage Publications Inc, California, 1993.
5. Schultz.T.W. Economics of Education(ed) Mark Blaug, Perguien Books Ltd, England.
6. Tilak B.G. Economics of Inequalities in Education, Sage Publications, Delhi, 1987.
7. Woodhal. M. Economics of Education: A review in Economics in Education: Research and Studies edited by Georege Psachroropoullys, Pergaman Press, England, 1987.

8. ECONOMICS OF SERVICE SECTOR

Unit I: Infrastructure and Economic Development

Infrastructure: meaning, importance and role in economic development – classification of infrastructure (social and economic infrastructure) –urban and rural infrastructure schemes in India –PURA - growth of infrastructure under plans.

Unit II: Social Infrastructure

Growth and present status of Social Infrastructure –Education, Health, Housing and Banking & Insurance.

Unit III: Energy and Power

Energy: Sources of Energy – Sources of Commercial and Non Commercial Energy Resources – Growth and Present Status – Energy Crisis in India.

Power: Main Sources of Generation of Electric Power: Hydel, Thermal and Nuclear power-Growth and Present Status –Rural Electrification in India –problem of power shortage in India.

Unit IV: Transport

Significance of Transport -, Sources of transport: Surface (Road and Railways) Transport, Water Transport and Air Transport –Growth and Present status of Transport System in India.

Unit V: Communication

Communication – Postal and Telegraph. Telecommunication and information technology-Major issues in IT, Growth and present status of IT industry in India – out sourcing

References

1. **Ashok V. Desai**, “Energy Demand Analysis: Management and Conservation, Wiley Eastern, 1980.
2. **Ruddar Datt and K.P.M. Sundharam**, “Indian Economy”, S. Chand and Company Ltd.
3. **Economic Survey**, Government of India,
4. **Bhatia A.K.** Tourism Development: Principles and Practices, Sterling, New Delhi, 1996.
5. **Choudhari.R.** Economics of Public Utility, Himalaya publishing house, 1986.
6. **James T.Kneafsey**, Transportation Economics Analysis.
7. **Kirit S.Parikh**, India Development Report 2000-01, OUP New Delhi,2001.
8. **Reghuram G.&Rekhs Jain**, Infrastructure Development and Financing, Mcmillian, India Ltd., 1999.India Infrastructure Report 2001, OUP.
9. The Institute of Rail Transport, Rail Bhavan, New Delhi – Transport Economics and Management.
10. Mani, N. Infrastructure Development and Financing in India. New antury publication. New Delhi, 2014.

9. RURAL DEVELOPMENT

Unit I

Rural Development: Meaning, Objectives, Scope and Importance of Rural Development – Strategies for Rural Development - Rural Development Approaches.

Unit II

Agriculture and Rural Development: Role of Agriculture in Rural Development – Agricultural Labour – Agricultural Prices - Rural Industries – Role of Kadi and Village Industries in Rural Development – Rural Marketing.

Unit III

Rural Finance : Sources of Rural Finance - Commercial Banks – Co-operatives – Large Sized Multi Purpose Societies (LAMPS) - Moneylenders - Causes and Consequences of Rural Indebtedness - Capital Formation in Rural Sector.

Unit IV

Problems of Rural People: Indebtedness - Bonded Labour – Poverty - Health and Nutrition - Education – Unemployment and Migration – Rural infrastructure : Transport, Banking and Communication.

Unit V

Programmes and Policies Related to Rural Development: Rural Development Programmes : Land – Water – Housing – Poverty – Employment – Recent Rural Development Programmes and policies in India – Panchayati Raj and Rural Development - NGOs and Rural Development.

References:

1. Vasant Desai (2015), “Rural Development” Visvesvaraya Institute of Socio-Economic Research (VISER) Bombay.
2. Abha Lakshmin Singh & Shahab Fazal (1998), “Agricultural and Rural Development” B.R. Publishing Corporation [A Division of BRPC (India) Ltd], Delhi.
3. M.Soundarapandian (2001),”Tribal Development in India” Anmol Publications Pvt.Ltd, New Delhi.
4. Devendra Thakur & D.N.Thakur (1994), “Tribal Labour & Employment” Deep & Deep Publication, New Delhi.
5. Government of India. Annual Reports of NIRD & Panchayati Raj. Current Year
6. Government of India, Economic Survey Current Issue.
7. Official Website of Ministry of Rural Development. <http://rural.nic.in/>