

**DEPARTMENT OF ECONOMICS**

**Ph.D Course work syllabus**  
**Candidate Name: M.Anbumanikandan**

**Paper-II**

| <b>Title of the Paper</b>     | <b>Number of Credit</b> |
|-------------------------------|-------------------------|
| <b>Agricultural Economics</b> | <b>4</b>                |

**Unit I: Agriculture and Economic Development**

Nature and scope of agricultural and rural economics; Traditional agriculture and its modernization; Role of agriculture in economic development; Interdependence between agriculture and industry. Agricultural development, sources of rural credit in India

**Unit II: Agricultural Production and Productivity**

Agricultural production – Resource use and efficiency; Production function analyses in agriculture; Factor combination and resource substitution, Farm size and productivity relationship laws of returns – Supply response of individual crops, Technical change, labour absorption in Agriculture

**Unit III: Agricultural Marketing and Prices**

Marketing and state policy; Agricultural markets; Regulated markets; Marketed and marketable surplus; Marketing channels, Price spread ,Behavior of agricultural prices - Terms of trade between agricultural and non-agricultural prices; Need for state intervention; Objectives of agricultural price policy

**Unit IV: Agricultural Growth in India**

Recent trends in agricultural growth in India; Inter-regional variations in growth of output and productivity; Cropping pattern shifts; Supply of inputs - Pricing of inputs and role of subsidies: Distribution of gains from technological change; Role of Public investment and capital formation in Indian agriculture; Strategy of agricultural development; Sustainable agriculture and Food Security

**Unit V: Agriculture labour and External Sector**

Present position of agricultural labour, Problem of Agricultural labour, Features of Agricultural labour ,Better measures of Agricultural labours, welfare of Agricultural Labour. International trade in agricultural commodities: Commodity agreements; Globalization of Indian economy and problems and prospects of Indian agriculture; Impact of World Trade Organization on Indian agriculture.

**Reference books:**

- Bhaduri, A. (1984) The Economic Structure of Backward Agriculture, Macmillan, Delhi.
- Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
- Dantwala M.L. Et al, (1991) Indian Agricultural Development Since Independence, Oxford & IBH New Delhi.
- Gulati, A. and t. Kelly (1999), Trade Liberalisation and Indian Agriculture, Oxford University Press, New Delhi.
- Joshi. P.C. (1975), Land Reforms in India: Trends and Prospects, Allied Publishers, Bombay.
- Kahlon, A.S. and Tyagi D S (1983), Agriculture Price Policy in India, Allied Publishers, New Delhi.
- Rao. C.H. Hanmantha (1975), Agricultural Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
- Rudra, A (1982), Indian Agricultural Economics, Myths and Reality, Allied Publishers, New Delhi.
- Saini, G.R. (1979), Farm Size, Resource Use Efficiency and Income Distribution, Allied Publishers New Delhi.
- Upender,M.(1990),Marketable and Marketed Surplus in Agriculture,Mittal Publications,New Delhi.

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS) POONDI, THANJAVUR DT.**  
**Ph.D Course work syllabus**

**Candidate Name: V.Vasumathi**

**PAPER - I**  
**AGRICULTURAL LABOUR AND MARKETING**

**UNIT – I**

Agricultural development – Rate of agriculture in Indian Economy – Productivity in agriculture – Causes for low productivity – Measures – Share of agriculture in national income.

**UNIT- II**

Agricultural labour – Causes and growth of agricultural labour under poor economic conditions = Problem of unemployment and under employment.

**UNIT – III**

Agricultural markets – Marketable surplus – Marketed surplus – Agricultural price policy.

**UNIT - IV**

Agricultural Labour and Minimum wages – Features of agricultural labour – Types of Farm Labourers – Measures for welfare of women labourers – Suggestion for future improvement.

**UNIT – V**

Agricultural marketing – The costs of marketing – Marketing demand – Interlocking of factor market – Mobility of labour and segmentation in labour market – Agricultural wages male and female differences – Non-agricultural rural employment.

**REFERENCES**

- Dhingra I.G. - Indian Economy
- S. Sankaran - Indian Economy
- Mellor J.W. - The Economics of Agriculture

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**Ph.D Course work syllabus**

**Candidate Name: V.Vasumathi**  
**PAPER - II**

**MECHANIZATION IN AGRICULTURE**

**UNIT – I**

Nature and scope of agricultural and rural economics – Traditional agriculture and its modernization role of agriculture in economic development – Interdependence between agriculture and productivity – Agricultural development – Poverty and environment.

**UNIT – II**

Farm size and efficiency – Land reforms – New agricultural strategy (Green Revolution) – New Economic policy and agriculture.

**UNIT – III**

The problem of agricultural labour – Better measures for agricultural labourers – Mechanisation of agriculture – Welfare of agricultural labour.

**UNIT – IV**

Agriculture finance – Capital formation in agriculture – Magnitude and causes of rural indebtedness – Debt relief and regulation of Money lending Acts – Rate of rural credit institutions

**UNIT – V**

Importance of Mechanisation in agriculture – Mechanisation and productivity – Mechanisation and employment – Mechanisation and efficiency of agricultural labour.

**REFERENCES**

- Dhingra I.G. - Indian Economy
- S. Sankaran - Indian Economy
- Mellor J.W. - The Economics of Agriculture
- Ruddar Datt & K.P.M.Sundharam - Indian Economy

DEPARTMENT OF ECONOMICS

**Ph.D Course work syllabus**  
**Candidate Name: M.Anbumanikandan**

**Paper-1**

| Title of the Paper         | Number of Credit |
|----------------------------|------------------|
| Human Resource Development | 4                |

**Unit I-Introduction to Human Resource Development:** Concept; Relationship between human resource management and human resource development; HRD mechanisms, processes and outcomes; HRD matrix; HRD interventions; Roles and competencies of HRD professionals; Challenges in HRD.

**Unit II-HRD Process:** Assessing need for HRD; Designing and developing effective HRD programs; Implementing HRD programs; Evaluating effectiveness of HRD Programs; HRD audit; HRD culture and climate.

**Unit III-HRD Activities:** Employee development activities- Approaches to employee development, leadership development, action learning, assessment and development centers; Intellectual capital and HRD; HRD mechanisms for workers; Role of trade unions; Industrial relations and HRD; Influence of motivation on development activities.

**Unit IV-HRD Applications and Trends:** Coaching and mentoring; Career management and development; Employee counseling; Competency mapping; PCMM, Balanced Score Card, Appreciative inquiry; Integrating HRD with technology, Employer branding and other emerging trends.

**Unit V-HRD in Agricultural Sector:** HRD Need for agricultural sector, Supply and Demand manpower in Agriculture, Agriculture Education system in India.HRD Application in Agricultural sector, Agricultural Extension and training, International experience of human resources Development.

**Reference books:**

- 1.Werner J. M., DeSimone, R.L., *Human resource development*, South Western.
- 2.Nadler, L., *Corporate human resources development*, Van Nostrand Reinhold.
- 3.Rao,T.V., *Hurconomics for talent management: Making the HRD missionary business-driven* ,Pearson Education.
- 4.Haldar, U. K., *Human resource development*, Oxford University Press India.
- 5.Rao, T.V., *Future of HRD*, Macmillan Publishers India.

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**Ph.D Course work syllabus**  
**Candidate Name: M.Anbumanikandan**

**Paper-1**

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|-----------------------------------|-------------------------|
| <b>Human Resource Development</b> | <b>4</b>                |

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**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS) Poondi, Thanjavur Dt.**

**Ph.D Course work syllabus**

**Candidate Name: S.Selvaraju**

**PAPER – II**

**Comparative Higher Education**

**Unit-I: Comparative Education as an Emerging Discipline**

Comparative Education – Meaning, Nature, Scope and Importance, Comparative Education as an academic discipline ; Method of comparative Education – Juxtaposition, Area studies, inter educational analysis ; d. Factors of Comparative Education - Geographical, Socio-cultural, Historical, Philosophical, Economic, Linguistic, Scientific, Structural and Functional

**Unit-II: Problems, Its causes and Probable Solutions through Education in developing Countries (SAARC)**

Problems prevailing in developing countries with special reference to India, their causes and solutions through education – Poverty, Unemployment, population explosion, Hunger, Terrorism, Illiteracy, Political instability and HDI & EDI

**Unit-III: Contemporary Trends in World Education**

Contemporary Trends in Education – national and International, Roles and programs of UNO in association with its various official organs in improving the quality of education among the member countries.

**Unit-iv: Exceptional Learners**

The meaning and salient characteristics of each category of exceptional Learners in a manner that paves way for early and easy identification -1. Mentally retarded, 2. Visually impaired , 3. Hearing impaired, 4. Suffering with learning difficulties and 5. Gifted and creative children 6. Orthopedically handicapped 7. Juvenile delinquents.

**Unit-v Educational Interventions**

A Nature and objective of Special schools : b) Concept of main streaming – Integrated schools and its support services including Resources Room, Resource Teacher, Counselor etc. ; c) Concept of Remedial teaching specially for the children facing learning difficulties ; d) Role of other members – (Teacher and peer group) in the school, in the family of the exceptional child and in the community.

**Reference Books**

1. Sodhi T S: Text book of Comparative Education
2. Sharma R M: Comparative Education
3. Sharma Y K: Comparative Education
4. Chaube & Chaube: Comparative Education

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|------------------------------|-------------------------|
| Name of the Research Advisor | Department of Economics |
| Name of the Research Scholar | Dr D NADIMUTHU          |
| Reg No                       | D SUDHAKAR              |
| Subject Code                 | I6ECA603                |
|                              | I6PHDEC08B              |

### Module – I

#### Labour Economics

Introduction – Meaning , Concepts ,Significance & Peculiarities of Labour – Nature,Scope & Importance of Labour Economics. Characteristics of the Indian Labour Market

### Module – II

Wage Determination – Marginal Productivity Theory,Theory of Collective Bargaining,Modern Theory of Wages – Concept of Minimum Wage and Fair Wage – Wage Determination in Various Sectors – Rural,Urban,Organized,Unorganized and Informal Sector – Wages in Relation to Cost and Productivity – Wage Policy in India

### Module – III

Migration & Absenteeism – Approaches to Labour Migration , Effects in Migration – Absenteeism of Industrial Labour in India,Causes,Effects and Remedies of Absenteeism. – Labour Turnover – Causes of Low Labour Turnover in India,Remedies to Improve the Labour Turnover

### Module – IV

Industrial Relations – Growth , Pattern,Structure & Achievements of Labour Unions in India – Causes of Industrial Disputes,their Settlement & Prevention Mechanism – Role of Tripartism,Current Trends in Collective Bargaining

### Module – V

Labour Market Reforms – Measures, Imparting and Flexibility in Labour Markets – Exit Policy 12 – Need of Safety Nets – Second National Commission on Labour,Globalization and Labour Market



Name of the Research Advisor **Dr.D.NADIMUTHU**  
Name of the Research Scholar **D.SUDHAKAR**  
Reg. No **16ECA603**  
Subject Code **16PHDECO8A**

**PAPER III (Special Paper)**

**I.AGRICULTURE ECONOMICS**

**Module – I : Agriculture and Indian Economy**

Role of agriculture in Economics Development Importance of Agriculture in Indian Economy Share of Agriculture in Indian Economy Relationship between Agriculture and Industry Land Reforms

**Module – II : Agriculture Growth and New Agricultural Technology**

Green Revolution – Agricultural inputs fertilizer and plant protection, Irrigation and Farm Mechanization Shifts in Production Function – Size of Farm and Returns to scale – Growth and Productivity Trends in Agriculture

**Module – III : Agricultural Marketing**

Agricultural Marketing in India – Defects in Marketing of Agricultural Produce and Measures taken by Government Regulated markets – Co-Operative Marketing – Contract Farming – Need and Objectives of Agricultural Price Policy – Instruments of Agricultural Price Policy in India, Support, Procurement and issue Prices Food Security and Public Distribution system in India

**Module – IV : Agricultural Finance**

Role of Capital in Agriculture – Sources of Capital – Capital formation in Agriculture – Need for Agricultural Credit – Classification of Agricultural Credit – Source of Agricultural Credit – Crop Insurance – NABARD

**Module – 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

**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 Bansi, P.C. Agricultural Problems of India, Vikas Publishing House Pvt. Ltd., New Delhi
- 4 Earl O. Hendy Economics of Agricultural Production & Resources use, Prentice Hall, New Delhi