



॥ सा विद्या या विमुक्तये ॥  
**स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड**  
 “ज्ञानतीर्थ” परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)  
**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**  
 “Dnyanteerth”, Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)  
 Established on 17th September 1994 – Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with ‘A’ Grade

## ACADEMIC (1-BOARD OF STUDIES) SECTION

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प्रस्तुत विद्यापीठाच्या उप-केंद्र, लातूर येथील सामाजिक शास्त्रे संकुलातील मानवविज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील द्वितीय वर्षाचे CBCS Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०२०-२१ पासून लागू करण्याबाबत.

## परिपत्रक

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक २० जून २०२० रोजी संपन्न झालेल्या ४७व्या मा. विद्या परिषद बैठकीतील विषय क्र.१३/४७-२०२० च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या उप-केंद्र, लातूर येथील सामाजिक शास्त्रे संकुलातील मानवविज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील द्वितीय वर्षाचा खालील विषयाचा **C.B.C.S. (Choice Based Credit System) Pattern** नुसारचा अभ्यासक्रम शैक्षणिक वर्ष २०२०-२१ पासून लागू करण्यात येत आहे.

- १) एम.ए.-द्वितीय वर्ष-समाजशास्त्र
- २) एम.ए.-द्वितीय वर्ष-अर्थशास्त्र

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेत-स्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

‘ज्ञानतीर्थ’ परिसर,  
 विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.: शैक्षणिक-१/परिपत्रक/पदव्युत्तर (उपकेंद्र, लातूर)-  
 सीबीसीएस अभ्यासक्रम/२०२०-२१/५०४

दिनांक : ०७.०८.२०२०.

स्वाक्षरित / -

**उपकुलसचिव**

शैक्षणिक (१-अभ्यासमंडळ) विभाग

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) मा. संचालक, स्वा.रा.ती.म. विद्यापीठ, नांदेड, उप-केंद्र, औसा रोड, पेठ, लातूर - ४१३ ५३१.
- ४) साहाय्यक कुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) उपकुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ.

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED**  
**SUB-CENTRE, LATUR**  
**(NAAC Re-accredited with 'A' Grade)**



**REVISED SYLLABUS**  
**FOR**  
**M.A. ECONOMICS (SEMESTER III & IV)**  
**PROGRAMME CODE: SSSL -H-ECO-PG (71-1-1-01)**

*[Choice Based Credit System (CBCS ) under Cumulative Grade Point Average (CGPA) pattern]*

**SCHOOL OF SOCIAL SCIENCES**  
**S.R.T.M.U.N. SUB-CENTRE, LATUR**

**(Revised Syllabus will be implemented from *academic year 2019-20*)**

  
**Director**  
School of Social Sciences  
S. R. T. M. University,  
Sub-Centre, Latur

**Swami Ramanand Teerth Marathwada University, Nanded**  
**Sub-Centre, Latur**

**School of Social Sciences**  
**Revised Syllabus for M.A. Economics**

*[Choice Based Credit System (CBCS) under Cumulative Grade Point Average (CGPA) pattern]*

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**Year of implementation:**

Revised Syllabus will be implemented from *academic year 2019-20 (for Sem. I & II)*  
*(Consequently Sem.III & IV from 2020-21).*

**School of Social Sciences:**

The School of Social Sciences of Latur sub-centre of S.R.T.M. University was established in the academic year 2009-10 with one teaching curriculum of M.A. in Economics. The primary objective of this school is to uncover various aspects of human life (i.e. social, political, economical, and ethical development etc.) through the teaching-learning process programmed with a University degree. At the present junction of the world, it is necessary to create learned social scientists to assist the planners, administrators and strategists of the world in reducing the social imbalance and maintaining a harmonious environmental order. The School will gradually expand its teaching-learning and research activities in this direction.

**M.A. Economics:**

Study of higher courses like Economics is in great demand worldwide now days. Talent from the field of economics are excelled in the examinations like Maharashtra Public Service Commission (MPSC), Union Public Service Commission (UPSC), Reserve Bank of India (RBI), National Bank for Agriculture and Rural Development (NABARD), Co-Operative Banks and other private and public sector organizations. Swami Ramanand Teerth Marathwada University, Nanded at its Sub-Centre, Latur is offering Post Graduate Degree (M.A.) in Economics. This course covers recent developments in economics. The objective of this course is to develop an understanding of the basic and intermediate principles of Economics. The focus of the course will be on substantive issues and applications of basic principles of economics and field related to economics. The course will be a mixture of theory and assignments. By the end of this course, the students are

expected to be familiar with theoretical and practical aspects of Economics and acquire analytical skills to address various prevalent problems of the society. The course curriculum is autonomous. The syllabus is structured in Choice Based Credit System (CBCS) to make student learn from other interested areas to his/her credit. The result of the degree will be based on CGPA system of the University.

**Features of the Programme:**

- Well designed and comprehensive coursework. (Including lab work which contains computer application in Economics and Econometrics)
- Periodic evaluation of the curriculum to keep pace with the growth in the subject
- Obligatory project work enhance research attitude in students
- Duration of the course is 2 years (4 semester CGPA system with CBCS pattern- full time)
- Student will have to earn 80 credits in 4 semesters.

**Objectives of the Programme:**

1. Enriching Post Graduation level knowledge in an important subject 'Economics'
2. Providing opportunity at University campus for interested students of rural background
3. Creating human resource to cope with the national and international openings through the subject learning
4. Enabling higher education significant wherever required and deliverable

**Outcomes of the Programme:**

1. Student progression towards research and employment opportunities
2. Core subject learning and skill development/enhancement enabling students to identify their potential/suitability at appropriate undertakings
3. Performance at University examination evaluation in justifying the course learnt by the students
4. Conditioning Post Graduate education qualitatively improved

**Eligibility:**

Any graduate who has learnt Economics or Statistics or Mathematics as one of the compulsory or optional subject at Under Graduate level (B. A., B. Sc., B. Com, B. B. A., L.L.B. or B.Voc. etc) of any statutory university or found suitable by the competent authority. Admissions will be given on the basis of graduate level performance with reservation norms. Intake capacity to M.A. Economics course is 30 students.

## M.A. ECONOMICS (SUB-CENTRE, LATUR)

| Semester First  |               |   |        | Semester Second |   |        |
|---|---------------|---|--------|-----------------|---|--------|
|   | Paper Code    | Course Title  | Credit | Paper Code      | Course Title  | Credit |
| <b>Core Course</b>  | CC-E-101      | Micro Economic Analysis-I                           | 04     | CC-E-201        | Micro Economic Analysis-II                          | 04     |
|   | CC-E-102      | Macro Economic Analysis-I                           | 04     | CC-E-202        | Macro Economic Analysis-II                          | 04     |
|   | CC-E-103      | Statistical Methods-I                               | 04     | CC-E-203        | Statistical Methods -II                             | 04     |
| <b>Discipline Specific Elective (Choose any one)</b>              | DSE-E-104(A)  | Mathematical Economics-I                            | 04     | DSE-E-204(A)    | Mathematical Economics-II                           | 04     |
|   | DSE-E-104(B)  | Economics of Growth & Development-I                 | 04     | DSE-E-204(B)    | Economics of Growth & Development-II                | 04     |
| <b>Generic Elective Course (Choose any one) (Credit Transfer)</b> | GEC-E-105(A)  | Foundation in Economics                             | 04     | GEC-E-205(A)    | Economics of Social Sector & Environment            | 04     |
|   | GEC-E-105(B)* | NPTEL/SWAYAM Course/ Any Intra /Inter School Course | 04     | GEC-E-205(B)*   | NPTEL/SWAYAM Course/ Any Intra /Inter School Course | 04     |
| Semester Third  |               |   |        | Semester Fourth |   |        |
|   | Paper Code    | Course Title  | Credit | Paper Code      | Course Title  | Credit |
| <b>Core Course</b>  | CC-E-301      | Public Economics-I                                  | 04     | CC-E-401        | Public Economics-II                                 | 04     |
|   | CC-E-302      | International Trade & Finance-I                     | 04     | CC-E-402        | International Trade & Finance-II                    | 04     |
|   | CC-E-303      | Research Methodology                                | 04     | CC-E-403        | Dissertation  | 04     |
| <b>Discipline Specific Elective (Choose any one)</b>              | DSE-E-304(A)  | Econometrics-I                                      | 04     | DSE-E-404(A)    | Econometrics-II                                     | 04     |
|   | DSE-E-304(B)  | Financial Institutions & Market-I                   | 04     | DSE-E-404(B)    | Financial Institutions & Market-II                  | 04     |
| <b>Ability/Skill Enhancement C.</b>                               | SEC-E-305     | Lab Work  | 04     | SEC-E-405       | Lab Work  | 04     |
|   | IP-E**        | Internship Programme                                | --     | IP-E            | Internship Programme                                | --     |

**Note:**

1. Every student will have to opt 05 courses per semester.
2. Each student will opt for 20 credits per semester. Total credits at the end of the programme will be 80 credits
3. In semester I and II GEC-E are sister courses of the concerned programme. Same will be open to other School Students to choose and transfer of the credit.
4. In semester III and IV, SEC-E is ability/skill enhancement courses. These are of practical in nature.
5. All students in order to enhance their ability and understand subject well, they need to undergo an internship at different economic/commercial units mostly to be organized by the School in semester III and semester IV. Internship is not obligatory course and non-CGPA. School/agency will provide the internship completion certificate subject to fulfillment of internship guidelines decided by the School and agency time to time.

\*Student may opt NPTEL/SWAYAM courses excluding existing syllabus content of the programme as transfer of credits.

\*\* This programme is not obligatory and non-CGPA course.

CC= Core Course, DSE= Discipline Specific Elective, GEC= Generic Elective Course, SEC= Skill Enhancement Course, IP= Internship Programme

**Evaluation of Students:****Internal Assessment:**

Internal assessment for each course would be continuous and will be pre-notified assessment activity. School level Internal Assessment Committee will coordinate this activity. Student who fails in the internal evaluation (if get less than 20 marks in internal assessment of total 50 marks) shall be given FR grade and shall have to repeat the concerned course afresh. There shall be separate internal assessment for 'Lab Work' course as it has practical oriented course.

**Pattern of Internal Assessment in General:**

| S.N.        | Particulars | Minimum number of Test/<br>Assignments/Seminars etc. | Marks      |
|-------------|-------------|--|------------|
| 1           | Class Tests | Two (Per Course)                                     | 20 (10+10) |
| 2           | Assignment  | One (Per Course)                                     | 20         |
| 3           | Seminar     | One (Per Course)                                     | 10         |
| Total Marks |             |  | 50         |

**Note:**

1. Each course teacher has autonomy to evaluate and give credit independently in other acceptable methods too.
2. Any internal assessment activity (like test, assignment, seminar etc.) will be pre-notified on the notice board.
3. The marks for each internal assessment activity (like test, seminar, assignment etc.) will be displayed on the notice board within seven days of conducting the activity.

**Term End Examination:**

The term end examination for 50 marks (2 credits) per course would be held about two weeks after the completion of teaching for the semester. Each theory and practical paper of 50 marks shall be of three hours duration. There will be separate term end practical examination for ability/skill enhancement courses. Paper setting and assessment for a particular course would be done as per the University guidelines



**The distribution of credit and marks for each course evaluation shall be as follows**

| S.N.         | Evaluation                     | Marks      | Credits   |
|--------------|--------------------------------|------------|-----------|
| 1            | Continuous Internal Assessment | 50         | 02        |
| 2            | End Semester Assessment        | 50         | 02        |
| <b>Total</b> |                                | <b>100</b> | <b>04</b> |

**Final Evaluation System:**

- 1) Evaluation system is based on cumulative Grade Point Average (CGPA) for the credit earned by the student semester wise.
- 2) Marks for each course would be converted to grades as shown in table 1

**Table 1: Conversion of marks to grade and grades to CPI**

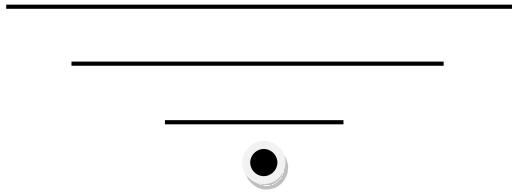
| Conversion of marks to grades in credit system |       |             | Conversion of grade point into CPI |             |
|--|-------|-------------|------------------------------------|-------------|
| Marks Obtained                                 | Grade | Grade Point | CPI                                | Final Grade |
| 90-100   | A+    | 10          | 9.00-10.00                         | A+          |
| 80-89  | A     | 9           | 8.00-8.99                          | A           |
| 70-79  | B+    | 8           | 7.00-7.99                          | B+          |
| 60-69  | B     | 7           | 6.00-6.99                          | B           |
| 55-59  | C+    | 6           | 5.50-5.99                          | C+          |
| 45-54  | C     | 5           | 4.50-5.49                          | C           |
| 40-44  | D     | 4           | 4.00-4.49                          | D           |
| 39 & Less                                      | FC    | 0-Fail      | 0 -3.99                            | F           |

- 3) A student who passes the internal test but fails in term end examination of a course shall be given FC grade. Student with FC grade in a course would be granted credit for that course but not the grade for that course and shall have to clear the concerned course within 1.5 year from appearing for first time in the concerned paper, provided the number of courses with FC and FR grade together is 25% or less of the courses of that semester, failing which he/she shall be disqualified for a credit and will have to opt for another credit

- 4) A student who has failed in the internal tests of a course shall be given FR grade and shall have to repeat the concerned course to qualify to appear for term end examination of that course
- 5) For the final result of a student Cumulative Performance Index (CPI) based on total earned credits vis-à-vis total earned grade points shall be calculated as mentioned in table 1

**Medium of Instruction:**

The medium of instruction shall be English. However, the students will have option to write answer-scripts in Marathi.



**M.A ECONOMICS (SEMESTER THIRD)**  
**CC-E-301: PUBLIC ECONOMICS – I**

**Learning Objectives:**

1. To make students aware about the role of government in economy.
2. To familiarize students with concepts of public goods, private goods and merit goods.
3. To develop an understanding of the public finance.
4. To understand the government policies in public sector economics.

**Learning Outcomes:**

1. This course is useful in understanding the role of government in the economy.
2. The course equips the student to identify the characteristics of public goods, private and merit goods.
3. On successful completion of the modules, the student will have compatible knowledge in public finance.
4. After completion of the course the student get a better understanding of government policies in public sector economics.

**Module 1 : Introduction**

**(15 Sessions)**

Public economics- meaning, scope and importance; Concept of public goods, private goods and merit goods; Government's role in mixed economy; Government as an agent for economic planning and development; Role of the government in an organized society; Fiscal functions of the government.

**Module 2: Taxation**

**(15 Sessions)**

Principle of fiscal neutrality and administrative efficiency, excess burden doctrine, principle of equity, benefit principle, Bowen and Lindhal models, ability to pay principle; Taxable capacity- meaning, types and measurement; Meaning of impact and incidence, distinction between impact and incidence, types of incidence, theories of shifting incidence.

**Module 3 : Public Expenditure**

**(15 Sessions)**

Wagner's law of increasing states' activity, Wiseman – Peacock hypothesis, Pure theory of public expenditure; Structure and growth of public expenditure; Social cost-benefit analysis; Programme budgeting and zero base budgeting.

**Module 4 : Public Debt**

**(15 Sessions)**

Classical, Keynesian and post Keynesian approaches of public debt; Classification of public debt; Burden of public debt; Sources of public debt; Public debt management; Repayment of public debt.

**References:**

- Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York
- Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam
- Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood
- Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi
- Houghton, J. M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth
- Jain, I. (1988), Resource Mobilization and Fiscal Policy in India, Deep & Deep Publications, New Delhi
- Jha H. (1998), Modern Public Economics, Routledge, London
- Lekhi R.K. Public Finance, Kalyani Publication, New Delhi
- Mundell, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi
- Richard A. Musgrave (1989), Public Finance in Theory and Practice McGraw Hill Book Company, New York.
- Ruddar Datt and K.P.M. Sundharam (2010), Indian Economy, S.C.Chand and Company Ltd, New Delhi.
- Singh S.K. (2007) Public Finance in Developed and Developing Countries, S.Chand and Company Ltd, New Delhi
- Singh, T. (2000), The Corporation Tax in India, Classical Publishing Company, New Delhi
- Tripathy R.N.(2000) Public Finance in Underdeveloped Countries
- Tyagi B.P.(2009), Public Finance, Jai Prakash Nath Pub.Meerat (UP)

**M.A ECONOMICS (SEMESTER THIRD)**  
**CC-E-302: INTERNATIONAL TRADE AND FINANCE-I**

**Learning Objectives:**

1. To acquaint students with the background of international trade and finance
2. To make student familiar with the theories of international trade
3. To highlight the different trade barriers in international trade
4. To give emphasize on different international institutions and unions

**Learning Objectives:**

1. This course is useful in understanding the trade theories
2. Learners will aware of the trade barriers in international trade
3. This course is useful in understanding the functioning of the international institutions
4. To equip students with the recent knowledge of international economics

**Module 1: Theories of International Trade (15 Sessions)**

The classical theory- the Mercantilists views on trade, absolute and comparative advantage- gains from trade, factor-price equalization theorem, Heckscher-Ohlin theory of trade; Technology differences in Heckscher-Ohlin model verification of physical criterion and price criterion; Contract curve and explanation with Edgeworth box diagram

**Module 2: Trade Barriers and Terms of Trade (15 Sessions)**

Instruments of trade policy - tariffs and quantitative trade restrictions; Tariffs and non tariff barriers; Tariffs and export promotion - tariff structure and effective rate of protection, effect of tariff under partial and general equilibrium, tariff uses and limitations; Concepts of terms of trade, net barter ToT, gross barter ToT, equilibrium with offer curve; Immiserisation hypothesis; Trade as an engine of economic growth

**Module 3: Economic Integration (15 Sessions)**

Types of economic integration - free trade area, custom union, common market, economic union, free economic zones, trade creating and trade diverting custom union, optimum currency area; Creation of euro and its functioning; Theory of second best; Introduction to - EU, EFTA, NAFTA, SAFTA , SAARC, ASEAN, OPEC, G-8, G-20

**Module 4: International Institutions (15 Sessions)**

GATT, IMF, IBRD, Asian Development Bank, UNCTAD - their establishment, objectives, membership, functions, achievement and failures; Dunkel Proposal ; WTO - objectives, functions, conferences and issues- AOA, TRIP, TRIM, GATS

**References:**

- Bhagwati J., International Trade, Cambridge University Press
- Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Massachusetts
- Carbough, R. J. (1999), International Economics, International Thompson Publishing, New York
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- Krugman , P. R. and M. Obstfeld (1994), International Economics: Theory and Policy, Glenview, Foresman
- Patel, S. J. (1995), Indian Economy Towards the 21<sup>st</sup> Century, University Press, Ltd., India.
- Satyanarayan, B. (1986), India's Trade with Asia and The Far East Countries, B. R. Pub. Corp., New Delhi
- Soderstain and John Reed: International Economics, McGraw Pub
- Verma, M. L., (1995), International Trade, Vikas Publishing House Pvt. Ltd., Delhi

**M.A ECONOMICS (SEMESTER THIRD)**  
**CC-E-303: RESEARCH METHODOLOGY**

**Learning Objectives:**

1. To acquaint students with research and social research
2. To give an idea about the Research design and research hypothesis
3. To familiarize students with the statistical techniques and tools used in research
4. To prepare students to write research report

**Learning Objectives:**

1. Learner will acquaint with different types of research
2. Learner will be able to identify research problem
3. Learner will be able to follow the steps in research
4. Learner will be able to conduct sound research

**Module 1 : Introduction to Research**

**(15 Sessions)**

Meaning of research, pure and applied research; Social science research - objectives, meaning, nature and importance of social science research; Limitations in social science research; Exploratory studies, descriptive and causal research; Research Design - definition, objectives and stages involved in designing research and hypothesis formulation

**Module 2: Research Techniques and Data Collection**

**(15 Sessions)**

Data collection - primary data and secondary data; Data collection with sampling technique - size and types of samples, interviews, questionnaire, schedule, observation, case studies and historical methods

**Module 3: Analysis of Data**

**(15 Sessions)**

Classification, tabulation and interpretation, graphs and diagrams; Measures of central tendencies; Dispersion and correlation, percentage, Bi-variate presentation; Hypothesis Testing- t, Z, F and Chi Square tests

**Module 4: Report Writing**

**(15 Sessions)**

Structure and general format of research report; Use of footnotes, citation, presentation of tables, diagrams, charts and maps, bibliography

**References:**

- C.R. Kothari, Research Methodology, Wishwa Prakashan
- Devendra Thakur - Research Methodology in Social Sciences
- Goode and Hatt - Methods in Social Surveys and Research
- Kurein C. T. A guide to research in Economics
- Sadhu and Singh - Research Methodology in Social Sciences
- Wilkinson and Bhandarkar - Methodology and Techniques of Social Research -Pauline, Young - Scientific Social Surveys and Research



**M.A ECONOMICS (SEMESTER THIRD)**  
**DSE-E-304 (A): ECONOMETRICS –I**

**Learning Objectives:**

1. To acquaint students with the basic knowledge in econometrics.
2. To make students compatible for using the regression models.
3. To equip students to understand the problems of auto-correlation, heteroskedasticity and multicollinearity.
4. To familiarize students with dummy variable techniques and modeling.

**Learning Outcomes:**

1. Students will have compatible knowledge of the basic econometrics.
2. Students will use the regression models to study the relationships between variables.
3. Learners would understand the problems in regression analysis like: auto-correlation, heteroskedasticity and multicollinearity.
4. Students will be familiar to dummy variable techniques and modeling.

**Module 1 : Basic Econometrics**

**(15 Sessions)**

Meaning, nature and scope of econometrics; Simple and general linear regression model; Assumption, estimation of regression model through Ordinary Least Square method; Properties of estimators, Gauss-Markov theorem; Concepts and derivation of  $R^2$  and adjusted  $R^2$ .

**Module 2 : Autocorrelation**

**(15 Sessions)**

Meaning of autocorrelation, causes of autocorrelation, co-efficient of autocorrelation, the first order autoregressive scheme, detecting the presence of autocorrelation, effects of autocorrelation on OLS estimator, remedial measures.

**Module 3 : Heteroscedasticity and Multicollinearity**

**(15 Sessions)**

Concept and graphical presentation of the problem of heteroscedasticity, reasons and consequences of heteroscedasticity, tests of heteroscedasticity, remedial measures; Concept and reasons of multicollinearity, consequences of multicollinearity, detection of multicollinearity, remedial measures.

**Module 4 : Dummy Variable Technique**

**(15 Sessions)**

Testing structural stability of regression models comparing to regressions, interaction effects, seasonal analysis, piecewise linear regression; Use of dummy variables, regression with dummy dependent variables; The LPM, Logit, Probit and Tobit models.

**References:**

- Anderson, T.W. (1958), Introduction to Multivariate Statistical Analysis, Chapman and hall, London
- Chow G.C. (1983), Econometrics, Mcgraw Hill, New York
- Dhrymes, P. J. (1970), Econometrics---Statistical foundations and applications, Harper and row Publishers, New York
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- Goldberger, A. S. (1998), Introductory Econometrics, Harward University press, Cambridge, Mass
- Intrilligator M. D. (1997), Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey
- Johnston, J. (1991) Econometric methods, Mcgraw Hill book Co. London
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- Koutsoyiannis, a (1977), Theory of Econometrics (2<sup>nd</sup> edition ), The Macmillan Press Ltd., London
- Krishna, K. L. (1997), Econometric Applications in India, Oxford University Press, New Delhi
- Maddala, G. S. (1997), Econometrics, Mcgraw Hill, New York

**M.A ECONOMICS (SEMESTER THIRD)**  
**DSE-E-304(B): FINANCIAL INSTITUTIONS AND MARKET-I**

**Learning Objectives:**

1. To acquaint students with the banking institutions in India
2. To give an idea about the banking structure in India
3. To familiarize students with the insurance sector and capital market
4. To make student aware about the international financial market

**Learning Outcomes:**

1. Students would understand different banking and financial institutions
2. Enabling students to know the insurance sector in India
3. Students will have an idea about Indian capital market
4. Learners will be familiar with International financial market.

**Module 1 : Banking & Financial Institutions (15 Sessions)**

Co-operative Banks, Private banks, foreign banks; RBI - objectives, functions and monetary policy; Banking sector Reforms after 1991; Development of financial institutions in India; Non-banking financial institutions - nature, scope and significance, types and performance; Mutual Funds, IFCI, ICICI, IDBI, EXIM bank SIDBI, SFC's

**Module 2: Insurance in India (15 Sessions)**

Principles of insurance; Growth of insurance sector in India, insurance and economic growth, liberalization of insurance sector; IRDA- its objectives and functions

**Module 3 : Indian Capital Market (15 Sessions)**

Nature of capital market, recent developments in capital market, new instruments in capital market; Stock Market, Role of SEBI

**Module 4 : International Financial Market (15 Sessions)**

Foreign exchange market; Forms of foreign capital - FDI, FIPB and determinants of flows; Functions and working of IBRD, ADB, IMF, BIS, IDA, IFC; Euro dollar and Euro-currency markets, their role in development at international level

**References:**

- David G. Luenberger (1998). Investment science, Oxford University Press,
- Houthkkar H.s. and Williamson P.J. (1996) The Economics of Financial Market, Oxford University Press
- John Hull futures, Options and Other Derivative Securities, McGraw hill
- Ross Stephen and Rudolf W.W. (1998). Fundamentals of Corporate Finance, McGraw Hill International Ed.

**M.A ECONOMICS (SEMESTER THIRD)**  
**SEC-E-305: LAB WORK**

**Learning Objectives:**

- 1) Develop the ability to handle the MS-Excel and SPSS
- 2) Develop the ability to compute different statistical analysis using MS-Excel, and SPSS
- 3) Develop the ability to choose and identify appropriate statistical technique for interpretation of given data
- 4) Develop the ability to interpret the results and outcomes

**Learning Outcomes:**

- 1) Learner will be able to handle MS-Excel and SPSS
- 2) Learner will be able to identify the appropriate statistical technique for the data interpretation and analysis
- 3) Learner will be able to interpret the data in appropriate way
- 4) Learner will be able to interpret results/outcomes using MS-Excel, and SPSS

**Problem 1:** Create worksheet in MS-Excel for student information with roll number, student name, class, gender, height, weight, and marks in UG etc.

**Problem 2:** Use the student information worksheet and perform coding wherever applicable

**Problem 3:** Use the student information worksheet and perform 'COUNT' formula

**Problem 4:** Use the student information worksheet and perform 'Sum', 'Deduction', 'Multiplication' & 'Divide' formula

**Problem 5:** Use the student information worksheet and draw 'Columns', 'Bar', 'Line', Scatter, & Doughnut' and copy it in MS-Word

**Problem 6:** Use the student information worksheet and draw 'Scatter', 'Doughnut' and copy it in MS-Word

**Problem 7:** Use the student information worksheet and perform 'MAX' & 'MIN'

**Problem 8:** Use the student information worksheet and perform 'AVERAGE', 'MEDIAN' & 'MODE'

**Problem 9:** Use the student information worksheet and perform 'QUARTILE' and 'STDEV'

**Problem 10:** Use the student information worksheet and perform 'SKEW' and KURT' formula

**Problem 11:** Type sample respondents' information with serial number, name, category, marital status, education level, members in a family, occupation, monthly income etc. in SPSS

**Problem 12:** Import the sample respondents' information worksheet from MS-Excel to SPSS

**Problem 13:** Give codes wherever applicable in SPSS

**Problem 14:** Use the sample respondents' information in SPSS and perform 'frequency' with interpretation

**Problem 15:** Use the sample respondents' information in SPSS and perform 'mean', 'median' and 'mode' with interpretation

**Problem 16:** Use the sample respondents' information in SPSS and perform 'Quartile', 'Range' and 'Standard Deviation' with interpretation

**Problem 17:** Use the sample respondents' information in SPSS and perform 'Variance' with interpretation

**Problem 18:** Use the sample respondents' information in SPSS and perform 'S.E. of mean' with interpretation

**Problem 19:** Use the sample respondents' information in SPSS and perform 'Skewness' and 'Kurtosis' with interpretation

**Problem 20:** Export SPSS output drawn from sample respondents' information

**Note:**

1. Problems will be explained practically by the concerned faculty first
2. Students will have to create at least 2 worksheets of each problem and mention the same in the record book in stipulated format
3. Format of each problem/worksheet is needed to be explained in detail with following points in the record book
  - a) Aim of the experiment
  - b) Requirement of the experiment
  - c) Principles/Concepts involved
  - d) Procedure adopted
  - e) Final observation
4. There will be separate internal evaluation and practical examination for 02 credits each.

**M.A ECONOMICS (SEMESTER THIRD)**  
**IP-E: INTERNSHIP PROGRAMME**  
**(NON-CGPA)**

**Learning Objectives:**

1. To provide market/industry exposure to the students
2. To provide practical knowledge to the learner through internship

**Learning Outcomes:**

1. Learners will be equipped with real working conditions.
2. Learner will have work exposure and work experience

**INTERNSHIP:**

- This course is non-CGPA course and purely provides work exposure to the learners.
- Learners who opt for internship will be placed in any of the stipulated firm/institution for the internship which will not be less than 04 months for a semester.
- Learners will have to join that particular firm daily after the lectures and will have to work there for stipulated time period mentioned in the internship order.
- There will not be any internal or term end examination for this course.
- Learner will have to submit the report of internship at the end of the semester which will be forwarded with comments through the head of the concerned firm/institution.
- Learners will be provided with experience certificate and internship certificate after the successful completion of the internship which will not be less than 08 months altogether in one academic year.
- Those who complete the internship programme will get the final mark memo with 'Internship' certification.

**M.A ECONOMICS (SEMESTER FOURTH)**  
**CC-E-401: PUBLIC ECONOMICS – II**

**Learning Objectives:**

1. To develop an understanding of the monetary and fiscal policy
2. To study the concept of deficit financing and its effects on Indian economy
3. To understand the fiscal federalism in India
4. To understand the procedure of government budgeting

**Learning Outcomes:**

1. This course makes the student capable to understand the procedure of government budgeting and concepts of deficits and their implications.
2. Useful in understanding the concept of deficit financing, trend in different types of deficits and effects of deficit financing on Indian economy.
3. Develops an understanding about the interdependence between monetary and fiscal policy and the stabilization through fiscal policy.
4. On successful completion of this course the student will understand the fiscal federalism in India.

**Module 1 : Government Budgeting**

**(15 Sessions)**

Meaning and components of budget; Budgetary Procedure - preparation, presentation and execution of budget; Economic classification of budget; Various concepts of budget deficits and their implications.

**Module 2 : Deficit Financing**

**(15 Sessions)**

Meaning and objectives of deficit financing, trends in different types of deficits since 1991; Deficit financing in India, effects of deficit financing on Indian economy; Assessment of the recent central government budget.

**Module 3 : Fiscal Policy**

**(15 Sessions)**

Meaning and objectives, interdependence of monetary and fiscal policies; Fiscal policy for stabilization - automatic vs. discretionary stabilizers; Balanced budget multiplier & crowding out effects; Indian fiscal policy since 1991; Indian fiscal imbalance - indicators, causes, effects and remedial measures.

**Module 4 : Fiscal Federalism**

**(15 Sessions)**

Fiscal federalism in India; vertical and horizontal imbalance; Assignment of function and sources of revenue - constitutional provisions; Finance commission and planning commission and resource transfer from union to state and its criteria; Centre-state financial relationship in India; Problems of state resources and indebtedness; Transfer of resources from union and state to local bodies.

**References:**

- Atkinson, A. B. and J. E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York
- Auerbach, A. J. and M. Feldstern (Eds.) (1985), Handbook of Public Economics, Vol. I, North Holland, Amsterdam
- Bagchi, Public Finance, S.Chand and Company Ltd, New Delhi
- Buchanan, J. M. (1970), The Public Finances, Richard D. Irwin, Homewood
- Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi
- Houghton, J. M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth
- Jain, I. (1988), Resource Mobilization and Fiscal Policy in India, Deep & Deep Publications, New Delhi
- Jha H. (1998), Modern Public Economics, Routledge, London
- Lekhi R.K. Public Finance, , Kalyani Publication, New Delhi
- Mundell, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi
- Richard A. Musgrave (1989), Public Finance in Theory and Practice McGraw Hill Book Company, New York
- Ruddar Datt and K.P.M. Sundharam (2010), Indian Economy, S.C.Chand and Company Ltd, New Delhi Singh
- S.K. (2007) Public Finance in Developed and Developing Countries,
- Singh, T. (2000), The Corporation Tax in India, Classical Publishing Company, New Delhi
- Tyagi B.P.(2009), Public Finance, Jai Prakash Nath Pub. Meerat (UP)



**M.A ECONOMICS (SEMESTER FOURTH)**  
**CC-E-402: INTERNATIONAL TRADE AND FINANCE-II**

**Learning Objectives:**

1. To make student familiar with Balance of payment, foreign exchange market and exchange rate
2. To give emphasize on International Monetary System
3. To highlight the trade policies in India
4. To equip students with the recent knowledge of international economics

**Learning Objectives:**

1. This course is useful in understanding the structure and status of balance of payment
2. Learners will aware of exchange rate market and its functioning
3. Learners will aware of the traditional and current international monetary system
4. This course is useful in understanding the trade policies in India

**Module 1: Balance of Payment:**

**(15 Sessions)**

Meaning, structure of BOP, BOP accounting; Equilibrium and disequilibrium in the BOP - traditional approach, Marshall-Lerner elasticity approach, absorption approach, monetary approach for adjustment in BOP, reducing and expenditure-switching policies in an open economy; internal external balance, Swan model, foreign trade multiplier; Relation of BOP and exchange rate

**Module 2: Foreign Exchange Markets and Exchange Rate**

**(15 Sessions)**

Structure and growth of global foreign exchange markets ; Participants in the market - traders and investors, hedgers and speculators ; Spot and forward rates, foreign currency swaps, futures and options – foreign exchange risk; Hedging and speculation –exchange rate bands, adjustable pegs, crawling pegs and managed floating ; Eurocurrency and offshore financial markets, International bond market; Exchange rate determination

**Module 3: International Monetary System**

**(15 Sessions)**

Gold standard and interwar period; Bretton wood system, operation and evolution of Bretton Wood system, Collapse of Bretton Wood system; SDR, Current operations and problems with present international monetary system

**Module 4: International Trade Policies in India**

**(15 Sessions)**

Current direction and composition of international trade in India, trade problems in India, India's BOP, Convertibility of rupee on current account and capital account; MNC's in India, problem of international debt in India.

**References:**

- Bhagwati J., International Trade, Cambridge University Press
- Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Massachusetts
- Carbough, R. J. (1999), International Economics, International Thompson Publishing, New York
- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan
- Dana, M.S. (2000), International Economics: Study, Guide and work Book, (5<sup>th</sup> Edition), Routledge Publishers, London
- Dominick Salvatore, International Economics, John Wiley & Sons (Asia)
- Dunn, R. M. and J. H. Mutti (2000), International Economics, Routledge, London
- Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2000, Oxford University Press, New Delhi
- Kenen, P. B. (1994), The International Economy, Cambridge University Press, London
- Kindleberger, C. P. (1973), International Economics, R. D. Irwin, Homewood
- Krugman, P. R. and M. Obstfeld (1994), International Economics: Theory and Policy, Glenview, Foresman
- Patel, S. J. (1995), Indian Economy Towards the 21<sup>st</sup> Century, University Press, Ltd., India
- Satyanarayan, B. (1986), India's Trade with Asia and The Far East Countries, B. R. Pub. Corp., New Delhi
- Soderstain and John Reed: International Economics, McGraw Hill Pub
- Verma, M. L., (1995), International Trade, Vikas Publishing House Pvt. Ltd., Delhi

**M.A ECONOMICS (SEMESTER FOURTH)**  
**CC-E-403: DISSERTATION**

**Learning Objectives:**

1. To acquaint students with structure of research report
2. To give an idea about the research report writing
3. To inform students about how to use statistical techniques and tools in research
4. To prepare students to write the dissertation

**Learning Outcomes:**

1. Learners will practically conduct a research
2. Learner will follow all the research steps under the guidance of supervisor
3. Learners will produce some of the research findings
4. Learners will produce and submit the research report in stipulated format

**Steps:**

- Student will have to choose topic of his own interest in consultation with faculty supervisor
- Extensive review of literature by the students monitored by faculty
- Objectives and hypothesis should be finalized once primary literature review is done
- Data collection for the fulfillment of objectives of the research
- Data analysis and interpretation under the keen observation of the faculty
- Report writing by the students (As per the format)
- Final project viva voce including presentation of student in front of experts

**Every Report/Dissertation should contain the following documents in the described sequences and format**

1. Front cover page of glossy photo paper or hard bound rexin cover, which should have printed or embossed descriptions as given in Appendix-1
2. The First inner cover page should contain the same description printed as in Appendix-1 but on glossy paper if the cover page is rexin bound and embossed otherwise of on plain paper/colored paper.
3. The Second inner page must contain the Certificate issued by the supervisors(s) endorsing the originality of the work and the declaration that this piece of work has been carried out under his/her/their supervision and at the deputed place, time, etc. and the endorsement of the HOD/Director to these statement as given in Appendix-2
4. The Third inner page is the certificate page as issued by the authority, where the student has undertaken the OJT or research or Practical's etc. Appendix-3

5. The fourth inner page is the page of Acknowledgement, which the student has to write and acknowledge the thanks, gratitude, obligation etc. for the successful completion of the assignment due to these individuals, authorities or institution or organization etc. Appendix-4
6. The Fifth inner page is the page for dedication in honor, like to- parents/Teachers/Friend/Wife/Husband/Organization etc. But this page is not a compulsion.
7. The sixth page is Index/Contents page, which must contain the Serial number, Title of each Chapter/part/programme and the page number as in Appendix-5
8. The Seventh page should contain the Index of Graphs/supporting documents/survey samples/tables/pictures/photographs etc., which are used as a part of the report. Each item has to have a title so that these can be prepared in the same manner as the Sixth page (Index/Contents page)
9. Each Chapter should be separated by a partition page marked/printed with the CHAPTER NO. and CHAPTER TITLE as described in the Index/Contents page above (Point 7)
10. The Report/Dissertation must contain the References/Bibliography pages at the end of the last chapter. The references also should be noted, sequenced and described as per a standard format and cannot be placed in any personally chosen order or description. It is very significant part of the report/dissertation for evaluation by the examiner. A standard pattern of References page is given in Appendix-6
11. Each page should be numbered from the writing page of Chapter-I. Pages of Certificate of the supervisor till partition page of Chapter-I should be numbered in Roman digits (I,ii,iii,...ix,...xiii etc.)
12. Avoid making underlines for each heading especially to the Capital letters. All headings should be with capital letters and sub-headings with small letters. Avoid use of Italics until unless it is required. Similarly, do not use different types of markers/symbols for explaining the content in points; rather follow 1-2 types of these only in consistence.
13. Follow a logical placement of facts, figures and analysis to explain the findings for a Layman Understands of your report and accordingly you spell out/order/design the chapters.
14. One must use comprehensive English words to describe the Title of the work and the Chapters. Hence, avoid long expressions for these.
15. It is advisable to take support/help from a good English knowing person to correct the grammatical errors and construction of Active/passive sentences, use of Phrases/Idioms in your report writing etc.
16. The printing pages should be of uniform page payout conditions and fonts for the total report.

**M.A ECONOMICS (SEMESTER FOURTH)**  
**DSE-E-404(A): ECONOMETRICS – II**

**Learning Objectives:**

1. To elaborate students about the dynamic econometric models.
2. To equip students to identify and solve the simultaneous equation models
3. To develop an understanding of learners in time series analysis.
4. To familiarize students with panel data techniques.

**Learning Outcomes:**

1. Students would understand the use of dynamic econometric models.
2. Students will identify and solve the simultaneous equation models.
3. Understanding of learners in time series analysis will be developed.
4. Learners will be familiar with the panel data techniques.

**Module 1 : Dynamic Econometric Models**

**(15 Sessions)**

Finite and infinite lag distribution; Autoregressive and distributed lag models - Koyak model, partial adjustment model, adaptive expectations, Instrumental variables; Almon approach to distributed-lag models.

**Module 2 : Simultaneous Equation Models**

**(15 Sessions)**

Introduction and example, the simultaneous equation bias and inconsistency of OLS estimators; The identification problem , rules of identification - order and rank conditions; Methods of estimating simultaneous equation system, recursive methods and OLS, indirect least squares (ILS), 2SLS.

**Module 3 : Time Series Analysis**

**(15 Sessions)**

Introduction, stationarity, unit roots, co-integration - spurious regression, Dickey-Fuller test, Engle-Granger test, random walk model; Forecasting with ARIMA modeling, Box-Jenkins methodology, vector autoregression; Problems with VAR modelling – applications.

**Module 4 : Panel Data Techniques**

**(15 Sessions)**

Panel data meaning and example; Estimation of panel data regression model: Fix effects approach; Estimation of panel data regression model: Random effect approach.

**References:**

- Anderson, T.W. (1958), Introduction to Multivariate Statistical Analysis, Chapman and hall, London
- Koutsoyiannis, a (2007), Theory of Econometrics (5<sup>th</sup> edition ), The Macmillan Press Ltd., London
- Krishna, K. L. (1997), Econometric Applications in India, Oxford University Press, New Delhi
- Maddala, G. S. (2007), Econometrics, Mcgraw Hill, New York
- Gujarati, D. N. (2007), Basic Econometrics ( 4<sup>th</sup> Endition), Mc Graw Hill, New Delhi
- Maddala, G. S. (2007), Econometrics, Mcgraw Hill, New York
- Gujarati, D. N. (2007), Basic Econometrics ( 4<sup>th</sup> Endition), Mc Graw Hill, New Delhi

**M.A ECONOMICS (SEMESTER FOURTH)**  
**DSE-E-404(B): FINANCIAL INSTITUTIONS AND MARKET-II**

**Learning Objectives:**

1. To acquaint students with the debt and equity instruments
2. To give an idea about the securities market
3. To familiarize students with the portfolio theory
4. To make student aware about the derivative markets

**Learning Outcomes:**

1. Students would understand and differentiate debt and equity instruments
2. Enabling students to know the Stock market and Investment Approaches
3. Students will have an idea about Portfolio Theory.
4. Learners will be familiar with derivative market.

**Module 1: An Introduction to Debt and Equity Supply of Securities (15 Sessions)**

General characteristics of securities and debentures, classification between fixed income and random cash flow- government bonds, index-linked bonds, corporate securities, Regulations governing supply of securities, debt vs. equity, Financial ratios.

**Module 2: Securities Market and Investment Approaches (15 Sessions)**

Stock market, over the counter market, stock indices, Approaches to investment—the fundamental analysis approach, the technical approach and the modern portfolio approach. Efficient Market Hypothesis (EMH), the weak, Semi strong and strong form of EMH

**Module 3: Portfolio Theory and Derivative Market (15 Sessions)**

Asset return, Risks and return, portfolio management, Capital asset pricing model, Arbitrage pricing theory, Derivatives - meaning and types, Forward contracts, Futures market- hedgers, Speculators and arbitrageurs, financial futures, Commodity Futures.

**Module 4: Swap and Option Markets (15 Sessions)**

Swap - meaning, features and types, Options markets – meaning, features and types. Trading strategies- exchange traded, stock options and pay- offs from buying and selling options

**References:**

- David G. Luenberger(1998). Investment science, Oxford University Press, Oxford
- Houthkkar H.s. and Williamson P.J. 1996 The Economics of Financial Market, Oxford University Press, Oxford
- John Hull futures, Options and Other Derivative Securities, cGraw hill pub. New Delhi
- Ross Stephen and Rudolf W.W. Fundamentals of Corporate Finance, McGraw Hill International Ed. 1998
- Susan Thomas, (2003). (ed) Derivatives Market India 2003, Invest India Zvi Bodie / Robert C Merton /Devid L.Cleeton (2009) Financial Economics Pearson Publication New Delhi



**M.A ECONOMICS (SEMESTER FOURTH)**  
**SEC-E-405: LAB WORK**

**Learning Objectives:**

- 1) Develop the ability to handle SPSS software
- 2) Develop the ability to draw different statistical analysis using SPSS software
- 3) Develop the ability to choose or identify appropriate statistical technique for interpretation of given data
- 4) Develop the ability to interpret the results and outcomes

**Learning Outcomes:**

- 1) Learner will be able to handle SPSS software
- 2) Learner will be able to identify the appropriate statistical technique for the data interpretation and analysis
- 3) Learner will be able to interpret the data in appropriate way
- 4) Learner will be able to interpret results/outcomes using SPSS

**Problem 1:** Type sample respondents' information with serial number, name, category, marital status, education level, members in a family, occupation, monthly income etc. in SPSS or import sample data

**Problem 2:** Use the sample respondents' information in SPSS and perform 'Crosstab' with interpretation

**Problem 3:** Use the sample respondents' information in SPSS and draw 'Bar Charts' in SPSS with interpretation

**Problem 4:** Use the sample respondents' information in SPSS and draw 'Pie Charts' in SPSS with interpretation

**Problem 5:** Use the sample respondents' information in SPSS and draw 'Histogram with normal curve' in SPSS with interpretation

**Problem 6:** Type 30 sample respondents' information with earnings of fresh management graduates and consider Rs. 75000/- as average salary of top five management colleges etc. in MS-Excel. Import the file in SPSS

**Problem 7:** Use the sample respondents' information in SPSS and perform 'One Sample  $t$ -test' with interpretation

**Problem 8:** Generate 50 sample student respondents' information of marks from different two courses. Type it in MS-Excel. Import the file in SPSS

**Problem 9:** Use the 50 sample student respondents' information of marks in SPSS and perform 'Independent Samples  $t$ -test' with interpretation

**Problem 10:** Generate 40 sample student respondents' information of marks before and after coaching in particular year. Type it in MS-Excel. Import the file in SPSS

**Problem 11:** Use the 40 sample student respondents' information in SPSS and perform 'Dependent Sample  $t$ -test' with interpretation

**Problem 12:** Generate the data on sale of particular brand in three different cities. Consider 30 outlets. Type data in MS-Excel and import to SPSS

**Problem 13:** Use the data on sale of particular brand in three different cities in SPSS and perform 'One Way Between Groups ANOVA' with interpretation

**Problem 14:** Use the data on sale of particular brand in three different cities in SPSS and perform 'Unplanned and Planned Comparisons' with interpretation

**Problem 15:** Generate the sample respondent data of 30 students considering educational background, work experience and salary. Type it in MS-Excel and import it to SPSS

**Problem 16:** Use the sample respondents' data of 30 students in SPSS and perform 'Two-Way Between-Groups ANOVA' with interpretation

**Problem 17:** Generate the likert scale data on the performance of particular firm along different locations. Type data in MS-Excel and import it to SPSS

**Problem 18:** Use the likert scale data in SPSS and perform 'Chi-Square Test of Independence' with interpretation

**Problem 19:** Generate hypothetical data on weekly family consumption expenditure (as dependent variable) and weekly family income (Independent Variable) of 40 respondents in MS-Excel. (One can go for more than 01 IV)

**Problem 20:** Use the sample respondents' data of 40 respondents in SPSS and perform 'Regression' with interpretation

**Note:**

- 1) Problems will be explained practically by the concerned faculty first
- 2) Students will have to create at least 5 worksheets of each problem and mention the same in the record book in stipulated format
- 3) Format of each problem/worksheet is needed to be explained in detail with following points in the record book
  - a) Aim of the experiment
  - b) Requirement of the experiment
  - c) Principles/Concepts involved
  - d) Procedure adopted
  - e) Final observation
- 4) There will be separate internal evaluation and practical examination for 02 credits each.

**M.A ECONOMICS (SEMESTER THIRD)**  
**IP-E: INTERNSHIP PROGRAMME**  
**(NON-CGPA)**

**Learning Objectives:**

- 1) To provide market/industry exposure to the students
- 2) To provide practical knowledge to the learner through internship

**Learning Outcomes:**

- 1) Learners will be equipped with real working conditions.
- 2) Learner will have work experience with him

**INTERNSHIP:**

- This course is non-CGPA course and purely provides work exposure to the learners.
- Learners who opt for internship will be placed in any of the stipulated firm/institution for the internship which will not be less than 04 months for a semester.
- Learners will have to join that particular firm daily after the lectures and will have to work there for stipulated time period mentioned in the internship order.
- There will not be any internal or term end examination for this course.
- Learner will have to submit the report of internship at the end of the semester which will be forwarded with comments through the head of the concerned firm/institution.
- Learners will be provided with experience certificate and internship certificate after the successful completion of the internship which will not be less than 08 months altogether in one academic year.
- Those who complete the internship programme will get the final mark memo with 'Internship' certification.

  
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