

# Hemchandracharya

North Gujarat University

Patan

Commerce Faculty

Syllabus

for

Master of Philosophy

(Commerce)

(M.Phil. Degree)

Enforced from June-2010

Total Page-20

## **SYLLABUS FOR MASTER OF PHILOSOPHY (M.Phil.)**

### **COMMERCE**

**(Enforce from June-2010)**

#### **OBJECTIVES**

1. To enable the student to be innovative lecturers.
2. To enable the students to undertake or to take interest in advance research work in Commerce.
3. To enable the students to undertake major/minor research project independently in commerce and accountancy.
4. To equip the students for responsible position in:
  - a) College of commerce
  - b) Institution engaged in commerce education, especially for research in commerce and accountancy and related commerce educational planning, educational technology and educational administration
5. To equip the students to offer various educational field such as:
  - a) Commerce Education
  - b) Management Education
  - c) Educational Management
  - d) Advanced Special Education in Accountancy

#### **M.Phil. (Commerce) R. 1**

Total number of seats for M. Phil. (Commerce) course is 20.

#### **M.Phil. (Commerce) R. 2**

Any applicant who has taken the Degree of Master of Commerce with minimum 55% (50% for SC & ST students) of this university or any other recognized university as equivalent there of may be admitted to the examination for the degree of M.Phil in Commerce, after having fulfilled the requirements as laid down by the University.



**M.Phil. (Commerce) R. 3**

A candidate desiring to appear for the M.Phil. (Commerce) Examination shall undergo a regular course of study in Department of Commerce and after passing the M.Com. Examination.

**M.Phil. (Commerce) R. 4**

The M. Phil. Programme has two semesters. Course will consist of six, dissertation of 100 marks including 20 marks for viva-voce.

Students who appeared in examination at the end of first semester and failed in one or more subjects or students who did not appear in that Examination at all will be allowed to keep terms in subsequent year for the Second semester instruction course such a student will appear in all papers and dissertation examination.

**M.Phil. (Commerce) R. 5**

The dissertation shall be on commerce-accountancy topics approved by the university. The students shall submit to the university not later than the 30<sup>st</sup> September, the topic on which he proposes to work for his/her dissertation. Such approval should normally be communicated to the student before the end of October following. If a subject suggested by any student is not approved, he will be at liberty to suggest another, provided that in all such cases a subject is got approved by end of October at latest.

**M.Phil. (Commerce) R. 6**

The University teacher, the recognised post -graduate teacher or an assistance Post graduate teacher shall guide the student(s) for the M.Phil. Dissertation for at least two periods in a week during the academic terms. These two periods shall be considered equivalent to two teaching period.

### **M.Phil. (Commerce) R. 7**

The student appearing at M.Phil. Examination should submit his/her dissertation at the end of second semester. A student can not appear in second semester examination without submission of his/her dissertation.

### **M.Phil. (Commerce) R. 8**

Two copies of the dissertation shall be submitted in type written or printed form along with CD (soft copy) including the font used.

### **M.Phil. (Commerce) R. 9**

The following shall be the detailed syllabus of the two semesters:

#### **Semester –I**

**1. Core papers: ( Each paper of 50 Marks ) ( 50 x 3 ) = 150**

M.PHIL. (Commerce) C.P.101. Research Methodology

( Fundamentals of Research – Paper: I )

M.PHIL. (Commerce) C.P.102. Advanced Accountancy ( Paper – II )

M.PHIL. (Commerce) C.P.103. Advanced Accountancy ( Paper – III )

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**Total 150**



**Semester-II**

**1. Core papers: ( Each paper of 50 Marks ) (50 x 3) = 150**

M.PHIL. (Commerce) C.P.201. Research Methodology  
( Data Collection and Analysis – Paper: IV )

M.PHIL. (Commerce) C.P.202. Advanced Accountancy (Paper – V)

M.PHIL. (Commerce) C.P.203. Advanced Accountancy (Paper – VI)

**3. Dissertation = 100**

Dissertation **80** Marks

Viva-voce **20** Marks

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**Semester I & Semester II**

**Total = 400**

## Standard of Passing

### M.Phil. (Commerce) R. 9

- To pass the M.PHIL. First Semester examination a candidate must obtain at least 40 percent of the marks in each paper, 50 percent in the aggregate of the three papers.
- To pass the M.PHIL. second semester examination a candidate must obtain at least 40 percent of the marks in each paper, 50 percent in the aggregate of the three papers.
- To pass in dissertation, a candidate must obtain at least 50% marks.
- Those of the successful candidates who obtain 70 percent or more of the total marks will be placed in the First Class with distinction, those who obtain 60 percent or more of the total marks will be placed in the First Class and those obtaining 50 percent or more in the Second Class.
- Those of the successful candidates who passed the examination with exemptions will be placed in the pass class.

### M.Phil. (Commerce) R. 10

If a candidate passes in the dissertation but fails in the aggregate of papers, the marks obtained by him in the dissertation shall be carried over to the subsequent year or years. If a candidate passes in the aggregate of papers and fails in the dissertation only, the marks obtained by him in the papers shall be carried over to the subsequent year or years and he shall be at liberty to revise and re-submit the dissertation or to submit another dissertation in the subsequent year or years.

If a candidate fails in aggregate of papers, he may be exempted from appearing in paper or papers wherein he or she has secured minimum 50 percent marks.

Candidates whose marks are carried over under this regulation shall be declared to have passed the examination and shall not be eligible for any university awards.

Candidate will be eligible for university awards provided he/she clears the semesters in regular course.



**M.Phil. (Commerce) R. 11**

1. Candidate not able to clear first semester examination will be eligible to join the second semester and will have to clear the first semester along with the second semester.
2. University rank and gold medals will be awarded to a candidate on external marks only, excluding dissertation.
3. 75 % attendance per course will be necessary for grant of term.

**Department of Commerce and Management  
Hemchandracharya North Gujarat University, Patan**

**M.PHIL. Syllabus (Two Semester Course)**

**Structure of the Course**

**Semester –I**

- I M.PHIL. ( Commerce ) 101 : Research Methodology  
( Fundamentals of Research – Paper: I )
- II M.PHIL. ( Commerce) 102. Advanced Accountancy ( Paper: II )
- III M.PHIL.(Commerce) 103. Advanced Accountancy ( Paper:III )

**Semester-II**

- I M.PHIL. (Commerce) 201 : Research Methodology  
( Data Collection And Analysis –Paper : IV )
- II M.PHIL. ( Commerce) 202 : Advanced Accountancy ( Paper: V )
- III M.PHIL.(Commerce) 203 : Advanced Accountancy ( Paper:VI )

**( B ) Dissertation**

**HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY**  
**DEPARTMENT OF COMMERCE AND MANAGEMENT**

**Syllabus**

**M.Phil. (Commerce)**

**SEMESTER-I**

**M.PHIL. (Commerce) C.P. 101 Research Methodology**  
**( Fundamentals of Research – Paper: I )**

**OBJECTIVES:**

1. To develop awareness about the contemporary debates on the status of scientific inquiry.
2. To develop understanding about the various perspectives of research in commerce.
3. To develop understanding about the advanced inferential statistical designs and procedures.
4. To develop various skills required for the application of advanced statistical techniques.

**UNIT –I: Research and Research Process - 25%**

- Meaning, characteristics and need of research
- Types of research – Basic research, Applied research, Action research, Survey research, library research and laboratory research
- Ethical considerations in research
- Factors hindering research



## **UNIT – II: Research Problems**

**-25%**

- Source of research problem.
- Characteristics a research problem
- Criteria used in Selecting a research problem
- Narrowing the rang of the problem
- Drafting a research proposal

## **UNIT - III: Steps In The Research Process :**

**- 25%**

- Identifying a problem
- Constructing a hypothesis / objectives / questions.
- Reviewing the literature.
- Identifying and labeling variables.
- Constructing operational definitions.
- Manipulating and controlling variables.
- Sampling procedures.
- Decision regarding tools to be used and preparation thereof.
- Data collection
- Statistical analysis and interpretation
- Writing a research report.

## **UNIT –IV: Tools of Research :**

**-25%**

### **1. Questionnaire :**

- Advantages and disadvantages of questionnaires.
- Forms of questionnaires.
- Types of questionnaires items.
- Questionnaires format.
- Preliminary tryout.
- Techniques for usable returns.
- Reliability and validity of questionnaires.

### **2. Interview**

- Advantages and disadvantages of interview
- Effect of interview on data collection
- Reliability, objective and validity of interview
- Biasing factors in the interview.
- Types of interview: individual and group, structured and unstructured.
- Conduct of interview.

### **3. Observation**

- Simple Observation: In controlled, participant and nonparticipant.
- Aid in simple observation.
- Systematic observation: Control over the observer and observed.

### **4. Rating Scale**

- Numerical scales.
- Graphic scales.
- Descriptive graphic scales
- Rule for constructing scales.

### **5. Other Tools : Checklist., The semantic differential.**



## SEMESTER-II

### M.PHIL. (Commerce) C.P. 201

#### Research Methodology

#### ( Data Collection and Analysis – Paper: IV)

##### UNIT-I: Sampling Techniques

25%

- Procedure for selecting a sample
- Sampling techniques – (a) Probability sampling: Random sampling, Stratified sampling, Systematic sampling and cluster sampling; (b) Non-probability sampling: Convenient sampling, Purposive sampling and Quota sampling; (c) Specific sampling: Matched pairs, Double stage and Snowball
- Determination of sample size both for continuous data and attribute data

##### UNIT-II: Treatment of Data

25%

- Classification of data.
- Qualification and description of data.
- Types of scores: Continuous scores, rank scores, dichotomies, categories
- General descriptive statistics and statistical in reference.
- Conclusion and generalizations.

### **UNIT-III: Descriptive Statistics and Inference Statistics**

**25%**

- Skills of measurement, central tendency, variability, their calculations
- Normal distribution, Co-relation (Linear co-relation)
- Rank, Differences, regression analysis
- Descriptive analysis
- Hypothesis testing, null and alternative hypothesis, type – 1 and type – 2 errors, power of the test, level of significance, small and large sample tests of significance : Z – test of hypothesis of mean, P – value approach to hypothesis testing one tailed and two tailed tests, t – test for single mean and for differences in two means, F – test, ANOVA (one – way classification) only introduction as an application, regression analysis
- Non-parametric tests, run test, Chi-square test ( $\chi^2$ ), Sign test.

### **UNIT-IV: Writing Research Report**

**25%**

- Format, style, typing, quotations, bibliography, pagination, tables, figure, graph, cauterization(divisions of a report)
- Introduction section.
- Review of the literature section.
- Methods section.
- Result section.
- Summary and discussion section.
- References.
- Abstract.
- Mistakes in preparing research reports.

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**HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY**

**M. Phil. (COMMERCE) - SYLLABUS**

**Semester -1**

**C.P.102. Advanced Accountancy (Paper – II)**

**UNIT - 1 ACCOUNTING STANDARDS AND IFRS 50 %**

Theory and practical applications (i.e. including practical questions) of following AS

**(A) Accounting Standards**

- AS - 2 : Inventory Valuation
- AS - 9 : Revenue Recognition
- AS - 10 : Accounting for fixed assets
- AS - 12 : Accounting for the changes in foreign exchange
- AS - 16 : Accounting for government grants
- AS - 20 : Earning per share

**(B) International Financial Reporting Standards (IFRS)**

Origin, need and standards setting system

**UNIT - 2 INFLATION ACCOUNTING 50 %**

Need, Objectives, Advantages and Limitations,  
Methods : Current Purchasing Power method and Current Cost Method

## Semester -1

### C.P.103. Advanced Accountancy (Paper – III)

#### UNIT - 1

50 %

- (A) Social Cost Benefit Analysis  
Introduction, Concept, measurement, Reporting of social cost benefit information, Social cost benefit analysis in India.
- (B) Environmental Accounting  
Meaning, Significance of Environmental Accounting, Areas covered : National level, Corporate level, Corporate Environmental reporting in India.
- (C) Human Resource Accounting  
Introduction, Concept, Importance, Valuation of Human Resources, Recording and disclosure in Financial Statement, Human Resource Accounting in India.
- (D) Value Added Accounting ———  
Value added concept, Advantages and limitations.

#### UNIT - 2 COST ANALYSIS FOR DECISION MAKING

50 %

- (A) **Cost volume profit Analysis**  
Break Even Point, Variable cost ratio, Contribution, Margin of Safety, Break Even Chart, Advantages and limitations, Sensitivity analysis- Effect of volume changes etc. Practical problems regarding following types of decisions.  
Sales Mix, Make or Buy, Limiting factor, Accepting or rejecting the order, equipment replacement decisions, discontinue the product, discontinue the business for a short period or forever.
- (B) **Budgeting and budgetary control**  
Meaning of Budget, Budgeting and Budgetary control, Advantages and limitations, Objectives, Steps involved in preparation of budgets, Types of Budgets – preparation of different types of budgets including Master Budget. ZBB : Zero Base Budgeting.



Semester -2

**C.P.202. Advanced Accountancy (Paper – V)**

**UNIT - 1 FINANCIAL STATEMENT ANALYSIS**

**50 %**

**(A) Ratio analysis**

Introduction, advantages and limitations,

Classification of accounting ratios.

Profitability ratios, Turnover ratios, Financial ratios- Solvency and liquidity,

Accounting Standard -20 (Earning per share)

**(B) Cash flow analysis (AS- 3)**

Introduction, Definition, Classification of activities, non cash transactions,

Advantages and limitations, the direct method and the indirect method,

Distinction between Cash Flow Statement and Income Statement

Distinction between Cash Flow Statement and Fund Flow Statement

Accounting Standard - 3

**UNIT - 2 PRICING DECISIONS**

**50 %**

(A) Meaning, Definition, Objectives

(B) Factors affecting pricing decision

(C) Role of cost in pricing

(D) Relationship among demand supply and cost

## Semester -2

### **C.P.203. Advanced Accountancy (Paper – VI)**

#### **UNIT -1 CONTEMPORARY ISSUES ACCOUNTING 50 %**

##### **(A) Activity based costing**

Meaning, Concept, Examples of cost drivers,  
Practical steps in Activity Based Costing,  
Traditional Approach, Distinction between traditional approach and  
activity based costing approach.

##### **(B) Responsibility accounting**

Meaning , requirement, Advantages and limitations,  
Controllable and non-controllable items,  
- Responsibility Centers : Cost Centers, Profit Centers, Investment Centers,  
Return on investments, Concept of residual income.

##### **(C) Forensic accounting**

Meaning, Advantages and limitations, role of Forensic Accountant.

#### **UNIT - 2 HOLDING COMPANY ACCOUNTING 50 %**

Consolidated trading and profit and loss account, balance sheet and cash  
flow statement Meaning, advantages and limitations, legal definitions  
and requirements, Minority interest, Mutual Owings, interim and proposed dividend,  
change in value of fixed assets, Accounts : Accounting Standard – 21 Statement to be  
prepared u/s 212 of the Companies Act. Preparing consolidated financial statements  
(Problem including simple chain holding)

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