# T.Y.B.Sc. (Physics) (Sem-V) PHY-359: Physics Project-I

Lectures: 36 (Credits-02)

### **Guidelines:**

It is expected that,

- 1. The student does work equivalent to about ten (10) laboratory experiments throughout the semester in the third year.
- 2. One bears in mind that the project work is a practical course and it is intended to develop a set of skills pertaining to the laboratory work apart from the cognition of students. Therefore, the guides should not permit projects that involve no contribution on part of student.
- 3. The project must have a clear and strong link with the principles of basic physics and/or their applications.
- 4. The theme chosen should be such that it promotes better understanding of physics concepts and brings out the creativity in the students.
- 5. The evaluation of the project work must give due credit to the amount of the project work actually done by a student, skills shown by the student, understanding of the physics concepts involved and the final presentation at the time of viva voce.
- 6. It is also recommended that a teacher will look after Four (4) projects at one time.
- 7. Practical examination will be conducted semester wise.
- 8. The student can perform an Experimental/Theoretical/Computational Project in Physics or interdisciplinary areas under the supervision of one or more guides.
- 9. The student can learn the basics of the topic chosen for project, to learn how to do literature survey and set up the basic experimental/theoretical and computational techniques needed for the project.
- 10. The department encourage to students for projects both in experimental and theoretical areas of Physics in collaboration with other institutes and industry.

### The Project work shall consist of the following Criterions.

- 1. Project work is mandatory for all the T. Y.B. Sc. students.
- 2. All the T. Y. B. Sc. students will be have to complete the Project work prescribed by the Board of Studies in Physics of Savitribai Phule Pune University during the V<sup>th</sup> Semester.
- 3. The Project work shall consist of the following Criterions.
  - It is expected that students must finalize the Title of Project, Aim and objective, Significance, Literature survey, Materials required, Method and Application etc.
  - Introduction to foundations of Project Work.
  - Introduction of Project Research Methodology.
  - Study of Data Collection Methods.
  - Project Problem Writing and Presentation Skills.

### **Evaluation weightage:**

- Project-I: Semester End University Examination : 35 Marks
- Internal Examination: 15 Marks

# T.Y.B.Sc. (Physics) (Sem-VI) PHY-369: Physics Project-II

Lectures: 36 (Credits-02)

### **Guidelines:**

It is expected that,

- 1. The student does work equivalent to about 10 laboratory experiments throughout the semesters in the third year.
- 2. One bears in mind that the project work is a practical course and it is intended to develop a set of skills pertaining to the laboratory work apart from the cognition of students. Therefore, the guides should not permit projects that involve no contribution on part of student.
- 3. The project must have a clear and strong link with the principles of basic physics and/or their applications.
- 4. The theme chosen should be such that it promotes better understanding of physics concepts and brings out the creativity in the students.
- 5. The evaluation of the project work must give due credit to the amount of the project work actually done by a student, skills shown by the student, understanding of the physics concepts involved and the presentation of the final report at the time of viva voce.
- 6. The viva voce should be conducted at the time of evaluation of project work at least for twenty minutes per student. Extra care must be taken in the evaluation of projects done in a pair or group. Delegation of the work done by individuals must be sought from the students in such cases.
- 7. Any ready-made material used in the report (such as downloaded pages from the web) must be clearly referred to and acknowledged.
- 8. It is also recommended that a teacher will look after 4 projects at one time.
- 9. Any non-adherence to this norm should attract a penalty by way of deduction in the marks awarded to a student. It is recommended that the College will provide consumables/contingencies for every project, to the tune of Rs. 750 /- each. (\*If the students paid extra fee other than laboratory fee then college will provide financial assistance for the Project work.)

### The Project work shall consist of the following Criterions.

- 1) Working model (Experimental or Concept based simulation/Demonstration Related to Physics).
- 2) Understanding of the project.
- 3) Experimental Details.
- 4) Data collection and Data Analysis.
- 5) Innovation.
- 6) Outcomes/Result.
- 7) Conclusion.

**Note:** At the time of project practical examination, the candidate must submit the certified project report by the project in-charge and HOD. A candidate will be allowed to appear for the Project practical examination only if the candidate submits a project completion report duly certified by the project in-charge and Head of the department.

## Savitribai Phule Pune University T.Y.B.Sc. (Computer Science) - Sem - VI

Course Type: SECC - IV Course Code: CS - 3611
Course Title: Project

| Teaching Scheme    | No. of Credits | Examination Scheme |
|--------------------|----------------|--------------------|
| 03 Lect/week/Batch | 2              | IE: 15 marks       |
| Ratch Size · 20    |                | IJF: 35 marks      |

### **Project Guidelines:**

- Students should work in a team of minimum 3 and maximum 4 students.
- Students can choose a project topic and implement the same using any language/technology covered in the curriculum so far. The operating environment must be linux.
- The student group will work independently throughout the project work including: problem identification, information searching, literature study, design and analysis, implementation, testing, and the final reporting.
- Project guide must conduct project presentations (minimum 2) to monitor the progress of the project groups.
- At the end of the project, the group should prepare a report which should conform to international academic standards. The report should follow the style in academic journals and books, with clear elements such as: abstract, background, aim, design and implementation, testing, conclusion and full references, Tables and figures should be numbered and referenced to in the report.
- The final project presentation with demonstration (UE) will be evaluated by the project guide (appointed by the college) and one external examiner (appointed by the University).

### **Recommended Documentation contents:**

#### Abstract

### Introduction

- motivation
- problem statement
- purpose/objective and goals
- literature survey
- project scope and limitations

### System analysis

- Existing systems
- scope and limitations of existing systems
- project perspective, features
- stakeholders
- Requirement analysis Functional requirements, performance requirements, security requirements etc.

### **System Design**

- Design constraints
- System Model: Using OOSE
- Data Model
- User interfaces

### **Implementation details**

• Software/hardware specifications

### **Outputs and Reports Testing**

• Test Plan, Black Box Testing or Data Validation Test Cases, White Box Testing or Functional Validation Test cases and results

Conclusion and Recommendations Future Scope Bibliography and References

# **Project Related Assignments**

### **Guidelines:**

- The project assignments are a compulsory part of the project course and should be carried out by each project group.
- Project assignments are to be given by the guide for continuous internal evaluation.
- The project assignments are to be allotted to each group separately by the project guide on the basis of the implementation technology. A suggested list of assignments is given below.
  - 1. Project Time management: plan (schedule table), Gantt chart, Roles and responsibilities, data collection, Implementation
  - 2. Simple assignments to evaluate choice of technology
  - 3. Assignments on UI elements in chosen technology
  - 4. Assignments on User interfaces in the project
  - 5. Assignments on event handling in chosen technology
  - 6. Assignments on Data handling in chosen technology
  - 7. Online and offline connectivity
  - 8. Report generation
  - 9. Deployment considerations
  - 10. Test cases
- Each student within the group must work actively and contribute to the assignments, project work and report writing.

# **Evaluation guidelines:**

|                    | IA (1               | 5 marks)    |                                   | UE (35 mark                           | (s)  |
|--------------------|---------------------|-------------|-----------------------------------|---------------------------------------|------|
| First presentation | Second presentation | Assignments | Project<br>Logic/<br>Presentation | Assignments and Project Documentation | Viva |
| 05                 | 05                  | 05          | 20                                | 10                                    | 05   |

# SavitribaiPhulePune University

### TYBBASemesterVI(CBCS)Pattern2019

# Course: Recent Trends In Services + Project Course Code DSE D 606 SM

Credit :2+4=6

# **Depth of the Course**—Reasonable working knowledge **Course Objectives:**

- 1. To create awareness related to recent trends in services.
- 2. To enables students to understand the changes taking place in the service sector.
- **3.** To provide students insight into recent developments in the service sector

| Unit No. | Unit Title     | Contents  | Purpose and Skills to be                 |
|----------|----------------|---|--|
|          |                |   | developed                                |
| 1        | Overview of    | Understanding of Current Trends and development in Service          |  |
|          | current trends | Industries: Financial, Hospitality, Health, Telecom, Consultancy,   | types of service industries              |
|          | in service     | Logistics, Education, Agriculture services, Insurance, ITES (IT-    |  |
|          | industries     | enabled Services),  |  |
|          |                | development of innovative tourism, e-Services and retail Services,  |  |
|          |                | business development services, impact on Indian economy             |  |
| 2        | Technology in  | Technology in services, the emergence of self-service, infotainment | • To understand the use of technology in |
|          | Services       | Automation in services, Technological innovations in services:      | services challenges of adopting new      |
|          |                | Challenges of adopting new technology in service, Managing the      | technology in services                   |
|          |                | new technology adoption process, multimedia development as          | technology in services                   |
|          |                | service enterprises   |  |

| 3. |   | Meaning and importance of globalization of services, Globalization and Indian services, Domestic growth and expansion strategies – focused service, focused network, clustered service and diversified network, Franchising – meaning, nature, benefits and issues, Global service strategies – Multi-country expansion, importing customers, following your customers, | global services and Indian services,<br>growth of services, global service |
|----|---|---|--|
| 4. | · | Case study analysis based on - Financial, Hospitality, Health, Telecom, Consultancy, Logistics, Education, NGO, Public Utilities, ITES (IT-enabled Services), Travel & Tourism, e-Services and Professional Services., rural service enterprises  | Designing and delivering services  |

# **Teaching Methodology**

| Unit<br>&teach<br>ingHou<br>rs | Innovative methods to be used   | AV Applications   | Projec<br>t   | ExpectedOutcome  |
|--------------------------------|---|---|---|--|
| I-(14)                         | Presentationoncurrent trends in various service segments                        | Short films on service industrie s                                    | Current trends in service industries                    | To understand the service<br>needs of society and how<br>industry fluffing the needs<br>of societies |
| II-(13)                        | Posterpresentationontechnological inventions in the field of service management | Films on different<br>Technological advances<br>in the service sector | Comparative analysis of old and new service requirement | To understand advances in different service segment.   |

| III-<br>(11) | Presentation on the globalization of services, global service strategies  | Filmsonglobal service strategy   | A report on Current trends in service industries, Comparative analysis of old and new service requirement | To understand the difference between global service and Indian service strategies. |
|--------------|---|--|---|--|
| IV – (10)    | Presentation and discussion on emerging trends in financial, Hospitality, Health, Telecom, Consultancy, Logistics, Education, NGO, Public Utilities, ITES (ITenabled Services), Travel & Tourism, e-Services and Professional Services. | FilmsonITES (IT-enabled Services), Travel & Tourism, e-Services and Professional Services. | Health, Telecom, Consultancy, Logistics,  | understanding of how the   |

## **Evaluation Method**

| Unit No   | Internal evaluation             | External Evaluation | External Evaluation |
|-----------|---------------------------------|---------------------|---------------------|
|           | Evaluation of students based on |                     |                     |
| Unit-I    |                                 | 50                  | 25% MCQ             |
| Unit-II   | 1 Project Submission.           |                     | 35% Short notes     |
| Unit-III  | 2. Presentation.                |                     | 40% Long answer     |
| Unit-Iv   | Refer internship guidelines     |                     |                     |
| Project/  |                                 |                     |                     |
| Practical |                                 |                     |                     |
|           | Total                           | 50                  | 50                  |

# **Suggested References**

| Sr.No | Title of the Book/Reference   | Author                         | Publication                  | Place     |
|-------|---|--------------------------------|------------------------------|-----------|
| 1     | Emerging Trends in Service Sector                                       | Editor-G.U.K.Rao               | NI for MSME Enterprises      | Hyderabad |
| 2     | Service Marketing   | P.K.Sinha and S.C. Sahoo       | Himalaya Publishing<br>House | New-Delhi |
| 3     | Delivering Quality Service: Balancing Customer Perceptions expectations | Zeithmal, Parsuraman,<br>Berry | Simon and Schuster Inc.      | New-York  |

# Savitribai Phule Pune University, Pune B.Sc. Biotechnology SEM V (CBCS pattern) Revised Syllabus wef, June 2022

# BBt-508 SEC – II: Project formulation and presentation & BBt-607 & BBt-608 (Project)

The students may opt for this course in the fifth semester, and it will continue in the sixth semester, Making it a total of 6 credit course. (BBt-508, BBt-607 & 608: Project)

It Involves Laboratory/ experimental/ field work under the guidance of a supervisor, leading to presentation of a comprehensive report based on the experiential learning, through focused skill building activity.

The objective of this course is to help students in organization of research ideas, material, and objectives for their dissertation and development of communication skills.

After completion of this course, the students should present a detailed project report comprising of

- i. A scientific topic and relevant design of hypothesis
- ii. Aims, objective and Significance
- iii. Review of literature
- iv. Methodology/Technology used
- v. Experimental outcome and critical analyses
- vi. Summary and conclusion
- vii. References in appropriate referencing styles.

In the Vth and VIth Sem, a student will submit the Project report and will be assessed as per the following guidelines.

### **Guidelines for assessment:**

| SEM V     | Course               | External | Internal | Contents of the Report   |
|-----------|----------------------|----------|----------|--|
|           | BBt-508              | 35       | 15       | i. Topic selected ii. Aims & objective and Significance iii. literature review IV. Plan of work  |
| SEM<br>VI | BBt-607 &<br>BBt-608 | 70       | 30       | <ul> <li>i. Methodology/Technology used</li> <li>ii. Experimental outcome and critical analyses</li> <li>iii. Summary and conclusion</li> <li>iv. References in appropriate referencing styles.</li> <li>Oral Presentation &amp; Viva</li> </ul> |

### CORE COURSE SEMESTER IV EC-4003

# RESEARCH METHODOLOGY (ONLY EXTERNAL STUDENTS)

(This course will have *FOUR* credits)

#### **PREAMBLE**

The main objective of this paper is to make the students aware of the importance of Research Methodology. Today research is of importance in every field of life. Hence students need sound initiation in the world of research. Thus this syllabus is prepared to equip students with basics of research methodology and also provide them acquaintance with the main ingredients of major sources secondary data on Economics, some hands-on experience in conduct so survey including designing questionnaire and interview schedules, collection of data, analysis of data and preparation of report.

### **Course Objectives:**

- To enable an understanding of Research and its methods under various areas of economics.
- To demonstrate the practical and the applied aspects of research in relation to Economics.

### **Programme Outcome:**

- Ability to develop, demonstrate and examine topics under Economics to pursue research.
- Ability to evaluate and examine subject areas in economics and explore possibilities of research.

### 1 Data Collection 12

- 1.1 Sources of Data- Primary, Secondary.
- 1.2 Surveys and Interviews Methods
- 1.3 Observation Method
- 1.4 Secondary Sources of Data

### 2 Sampling And Data Analysis

12

- 2.1 Basic Concepts: Population, Sample, Sample Size
- 2.2 Sampling Methods: Probability and Non-probability Sampling Methods
- 2.3 Analysis of Data: Classification, Tabulation, Graph, Diagram and
- 2.4 Overview of Statistics in Data Analysis

### 3 Testing Hypothesis

12

- 3.1 Hypothesis: Meaning, Types, Formulation, Criteria for a Good Hypothesis
- 3.2 Basic Concepts: Level of Significance, Critical error, Type I and Type II Error
- 3.3 Procedure of Testing Hypothesis
- 3.4 Parametric and Non Parametric Tests

### **4 Report Writing**

12

- 4.1 Goals of Report Writing
- 4.2 Report writing for Quantitative Research and Qualitative Research
- 4.3 Layout of Research Project
- 4.4 Report Writing: Considerations and Precautions
- 4.5 Computer Use in Research -Internet Source of Data Collection- Use and Precautions

### **Basic Reading List:**

- 1. Banamati Mohanty (2015) 'Statistics for Behavioral and Social Sciences' Sage Texts
- 2. Bryman Alan (2018) 'Social research methods' OUP
- 3. Cooper Donald R. & Pamela S. Schindler (1999), "Business Research Methods", Tata McGraw-Hill Edition, New Delhi
- 4. Flick Uwe (2011) 'Introducing Research Methodology' Sage Publications
- 5. Kothari C. R, Gaurau Garg (2019) 'Research Methodology, Methods and Techniques'', New Age International Publications, 4<sup>th</sup> Edition
- 6. Kumar Ranjit, (2012), "Research Methodology" 2<sup>nd</sup> Ed, Pearson Education
- 7. Wilkinson and Bhandarkar (2016) 'Methodology and Techniques of Social Science Research; HPH
- 8. Willson Jonathan (2017) 'Essentials of Business Research: A Guide to Doing Your Research Project' Sage Publications

### **Recommended Readings:**

- 1. Basotia G.R. Sharma K.K. (1999) 'Research Methodology' Mangal Deeop Publications
- 2. Don E. Ehridge (2004) 'Research Methodology in Applied Economics: Organizing Planning and Conducting Economics Research', John Wiley and Sons
- 3. Gopal M.H. (1971) 'An Introduction to Research Procedure in Social Sciences', Asia Publishing House
- 4. Kothari S. R (2012) 'Research Methodology, Methods and Techniques', Pragun Publications
- 5. Krishnaswamy, O.R. (1993) 'Methodology of Research In Social Sciences, HPH
- 6. Kurein C. T. (1973) A Guide to Research in Economics' Sangam Publishers for Madras Institute of Development Studies
- 7. Les Oakshott (2012) 'Essential Quantitative Methods for Business, Management and Finance', Palgrave Macmilan, 5<sup>th</sup> edition
- 8. Moser C.A., G. Kalton (1985) 'Survey Methods in Social Investigations' Routeledge
- 9. BAV Sharma D Ravindra Prasad and P. Satyanarayana (1983) Research Methods in Social Sciences' Sterling publishers, New Delhi
- 10. Sadhu AN, Amarjit Singh (2007) 'Research Methodology in Social Sciences' HPH
- 11. Thakur Devendra (2009) 'Research Methodology in Social Sciences' Deep and Deep Publiations
- 12. Young P.V. (1984) 'Scientific Social Survey and Research', Prentice Hall -India
- 13. Khandhare V.B., Yadav Y., 2016, Chinmay Publication, Aurangabad.

### **Recommended Journals:**

Journal of Mixed Methods Research-Sage

Journal of Applied Social Sciences-Sage

Research in Economics- Elsevier

Social Science Research- Elsevier

The Social Science Journal – Elsevier/ ScienceDirect

# SPECIAL ELECTIVE SUBJECT - GROUP A (ADVANCED ACCOUNTING & TAXATION) Subject: PROJECT WORK / CASE STUDIES Course Code: 404 Total Credits: 04

#### **Project Work in Accounting and Taxation**

A student can select any topic relating to principles practices and procedures of accounting auditing taxation and management accounting. Any topic from the syllabus of the papers studied at M Com. Part One or Part Two under special paper Accountancy & Taxation can be of a use. Pick up any unit studied and try to connect it to commercial word around e.g. in taxation a student has studied taxation of a company, then he can select a topic Tax Planning of a particular company or a study of taxation of an educational institute. On this line following areas have been listed out for project work in Accountancy.

#### Area of Project Work in Accounting:-

### Following is the list of topics for project work in Accounting.

- 1. Financial statement Analysis of
  - a. A Limited Company for 5 years
  - b. Five Companies of five different industries
  - c. Five companies of one industry e.g. Automobile, Engineering, Textile
  - d. Five banks from Private sector/Co-op. sector
- 2. Study of Working Capital Management of a large Company.
- 3. Study of Budgetary Control System of four Companies
- 4. Study of Management Information System of four Companies.
- 5. Procedure of preparation of Consolidated Balance Sheet by Holding Company having two / three subsidiaries companies.
- 6. Valuation of Shares of 10 unlisted Companies.
- 7. A study of Amalgamation/Merger of procedure of two Companies (Accounting procedure)
- 8. A comparative study of Accounting System of Hotel industry Five Star, Three stars, large Hotel and small Hotel.
- 9. Comparative study of Accounting of Hospitals from Private sector, Trust and Small Hospital.
- 10. Study of Accounting for Grants to school, college, and institute.
- 11. Application of Inflation Accounting to a large Company's Balance Sheet.

- 12. Human Resource Accounting for Software, Marketing, Consulting Company
- 13. Preparation of Value Added Statements of a Company and its comparison with Conventional Accounting Statement.
- 14. Preparation of Economic Value Added Statement of a Company and its comparison with Conventional Accounting Statement.
- 15. A study of Application of Accounting Standards of five Companies.
- 16. Audit planning of five firms of Auditors.
- 17. A study internal Audit system of four companies.
- 18. Tax planning of 10 assesses
- 19. Tax Planning regarding purchase of House Property.
- 20. Tax planning of Partnership Firm/ Limited Company.
- 21. Taxation of Public Trust
- 22. A study of Perquisites and its impact on Taxable Income Employees from 10 different companies.
- 23. A study of ten Export Oriented Units from Taxation point of view.
- 24. Financial viability of five Co-operative Sugar Factories.
- 25. Comparative Study of Taxable Income of Individuals and HUFF
- 26. Problem of units paying Service Tax
- 27. Accounting for Tour and Travel business.
- 28. Comparative Study of Housing Loan Schemes of Banks and Financial Institutions.
- 29. Comparative Study of Fees Structure of Non-grant and Grant in Aid Educational Institutions.
- 30. A survey of 20 shareholders regarding utility of Published Annual Accounts of Company.
- 31. Study of Investment Pattern of 20 Individuals from Taxation point of view.
- 32. Preparation of Project Report for Small Scale Industry, Hotel, Xeroxing business, Computer

Institute, Hospital, Transport Business, Petrol Pump

- 33. Ascertainment of Cost of Capital from Annual Accounts of five Companies.
- 34. A financial viability study of Sick Industrial Companies.
- 35. A study of Tax Audit Report of Non-Corporate and Corporate Assesses.
- 36. A study of Secretarial Audit Report of five companies.

- 37. A study of Cost Audit Report of two companies.
- 38. A study of Government system Audit of Commercial Undertaking / Local bodies.
- 39. Commentary on Public Accounts Committee of Central Government.
- 40. A comparative study of different Accounts Software e.g. Tally, SAP, ERP, Local Software etc.
- 41. Consolidation procedure of different units of an Educational Society.
- 42. A study of Significant Accounting Policies of different Companies from different Industries.
- 43. A study of Qualified Audit Reports of different Companies.
- 44. Comparative study of Advances of Credit Co-op. Societies and Urban Co-op Banks.
- 45. Preparation of Project Report of Agro based industries, Poultry Farming, Dairy business, Nursery, Horticulture farm.
- 46. A study of Vehicle Loan schemes of different Banks.
- 47. Excise Accounting at manufacturing unit.
- 48. A comparative study of NPA of Urban Co-op Banks
- 49. A study of Corporate Responsibility Statements of Annual Accounts of 10 Companies
- 50. A study of Cash Flow Statement from Annual Accounts of 10 Companies.
- 51. Accounting of Leasing and Finance Companies.
- 52. A study of Accounting of Electricity Company, (Tata Power, Ahmedabad Electricity Power Co. Ltd.)
- 53. An exemption under Income Tax Act, availed by 10 different assesses.
- 54. A comparative financial analysis of running of Luxury buses by private operators and State

#### Transport Corporation.

- 55. Financial Analysis of Produce Exchanges at Taluka Level.
- 56. Comparative study of Annual Report of 3 Co-op Banks.
- 57. Comparative study of Annual Report of 3 Limited companies.
- 58. Various Accounting Policies followed by Financial Institutions.
- 59. Impact of IRAC Norms of financial position of any co-operative bank over last 3 years.
- 60. Audit classification of a Credit Co-op. Society for last 2 years.
- 61. Determination of Taxable Income of a Charitable Hospital as per Section 11, 12, 12A & 35 of I.T. ACT. Act. 1961.

- 62. Accounting Standards, their application by the limited company to its annual accounts.
- 63. Comparative study of effect of Depreciation Allowance on Book Profit & taxable profits of a limited company for 3 years including carried forward and set-off.
- 64. Analysis of any three recent cases decided by High Court.
- 65. Study of fraud cases detected by application of S.A.P.
- 66. Comparative study of Financial Statements of Educational Institutions for 2 years.
- 67. A study on E filing of Tax Returns- Income Tax, GST etc.
- 68. A study of Computerized Accounting system in any business unit.





# SAVITRIBAI PHULE PUNE UNIVERSITY

Faculty of Commerce & Management
Master of Commerce (Semester IV)
(Choice Based Credit System)
Revised Syllabus (2019 Pattern)
(w.e.f. Academic Year-2020-2021)

# **CORE COMPULSARY SUBJECT**

Subject: Capital Market and Financial Services Course Code: 401 Total Credits: 04

# **Objectives:**

- 1. To acquaint the students with working of capital market.
- 2. To make the students aware about the latest developments in the field of capital market in India.
- 3. To enable the students to understand various transactions in stock exchanges and agencies involved in it.
- 4. To give exposure of financial services offered by various agencies and financial adviser to students.

# Skills to be developed:

- 1. To make aware about working of capital market in India.
- 2. To expose them to various instruments of capital market.
- 3. Students shall learn and acquire the knowledge of financial services offered by agencies. Students will acquire skills about recent development in regulatory body SEBI

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# SPECIAL ELECTIVE SUBJECT - GROUP A (ADVANCED ACCOUNTING & TAXATION)

Subject: PROJECT WORK / CASE STUDIES Course Code: 404 Total Credits: 04

### **Project Work in Accounting and Taxation**

A student can select any topic relating to principles practices and procedures of accounting auditing taxation and management accounting. Any topic from the syllabus of the papers studied at M Com. Part One or Part Two under special paper Accountancy & Taxation can be of a use. Pick up any unit studied and try to connect it to commercial word around e.g. in taxation a student has studied taxation of a company, then he can select a topic Tax Planning of a particular company or a study of taxation of an educational institute. On this line following areas have been listed out for project work in Accountancy.

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  - d. Five banks from Private sector/Co-op. sector
- 2. Study of Working Capital Management of a large Company.
- 3. Study of Budgetary Control System of four Companies
- 4. Study of Management Information System of four Companies.
- 5. Procedure of preparation of Consolidated Balance Sheet by Holding Company having two / three subsidiaries companies.
- 6. Valuation of Shares of 10 unlisted Companies.
- 7. A study of Amalgamation/Merger of procedure of two Companies (Accounting procedure)
- 8. A comparative study of Accounting System of Hotel industry Five Star, Three stars, large Hotel and small Hotel.
- 9. Comparative study of Accounting of Hospitals from Private sector, Trust and Small Hospital.
- 10. Study of Accounting for Grants to school, college, and institute.
- 11. Application of Inflation Accounting to a large Company's Balance Sheet.

- 12. Human Resource Accounting for Software, Marketing, Consulting Company
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- 20. Tax planning of Partnership Firm/ Limited Company.
- 21. Taxation of Public Trust
- 22. A study of Perquisites and its impact on Taxable Income Employees from 10 different companies.
- 23. A study of ten Export Oriented Units from Taxation point of view.
- 24. Financial viability of five Co-operative Sugar Factories.
- 25. Comparative Study of Taxable Income of Individuals and HUFF
- 26. Problem of units paying Service Tax
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- 28. Comparative Study of Housing Loan Schemes of Banks and Financial Institutions.
- 29. Comparative Study of Fees Structure of Non-grant and Grant in Aid Educational Institutions.
- 30. A survey of 20 shareholders regarding utility of Published Annual Accounts of Company.
- 31. Study of Investment Pattern of 20 Individuals from Taxation point of view.
- 32. Preparation of Project Report for Small Scale Industry, Hotel, Xeroxing business, Computer

Institute, Hospital, Transport Business, Petrol Pump

- 33. Ascertainment of Cost of Capital from Annual Accounts of five Companies.
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- 36. A study of Secretarial Audit Report of five companies.

- 37. A study of Cost Audit Report of two companies.
- 38. A study of Government system Audit of Commercial Undertaking / Local bodies.
- 39. Commentary on Public Accounts Committee of Central Government.
- 40. A comparative study of different Accounts Software e.g. Tally, SAP, ERP, Local Software etc.
- 41. Consolidation procedure of different units of an Educational Society.
- 42. A study of Significant Accounting Policies of different Companies from different Industries.
- 43. A study of Qualified Audit Reports of different Companies.
- 44. Comparative study of Advances of Credit Co-op. Societies and Urban Co-op Banks.
- 45. Preparation of Project Report of Agro based industries, Poultry Farming, Dairy business, Nursery, Horticulture farm.
- 46. A study of Vehicle Loan schemes of different Banks.
- 47. Excise Accounting at manufacturing unit.
- 48. A comparative study of NPA of Urban Co-op Banks
- 49. A study of Corporate Responsibility Statements of Annual Accounts of 10 Companies
- 50. A study of Cash Flow Statement from Annual Accounts of 10 Companies.
- 51. Accounting of Leasing and Finance Companies.
- 52. A study of Accounting of Electricity Company, (Tata Power, Ahmedabad Electricity Power Co. Ltd.)
- 53. An exemption under Income Tax Act, availed by 10 different assesses.
- 54. A comparative financial analysis of running of Luxury buses by private operators and State

# Transport Corporation.

- 55. Financial Analysis of Produce Exchanges at Taluka Level.
- 56. Comparative study of Annual Report of 3 Co-op Banks.
- 57. Comparative study of Annual Report of 3 Limited companies.
- 58. Various Accounting Policies followed by Financial Institutions.
- 59. Impact of IRAC Norms of financial position of any co-operative bank over last 3 years.
- 60. Audit classification of a Credit Co-op. Society for last 2 years.
- 61. Determination of Taxable Income of a Charitable Hospital as per Section 11, 12, 12A & 35 of I.T. ACT. Act. 1961.

- 62. Accounting Standards, their application by the limited company to its annual accounts.
- 63. Comparative study of effect of Depreciation Allowance on Book Profit & taxable profits of a limited company for 3 years including carried forward and set-off.
- 64. Analysis of any three recent cases decided by High Court.
- 65. Study of fraud cases detected by application of S.A.P.
- 66. Comparative study of Financial Statements of Educational Institutions for 2 years.
- 67. A study on E filing of Tax Returns- Income Tax, GST etc.
- 68. A study of Computerized Accounting system in any business unit.

