

Paper PR : RESEARCH METHODOLOGY & PROJECT REPORT

Objective: To introduce the basics of conducting research in social sciences.

UNIT-I: INTRODUCTION, MEASUREMENT AND HYPOTHESIS TESTING:

Meaning of Research-Steps involved- Identification of Problem- Steps involved in the selection of problem-Research Design-Meaning and Types- Measurement Levels/Scales - Scaling Techniques-Hypothesis-Meaning - Types - Testing Procedure.

UNIT-II:PARAMETRIC AND NON PARAMETRIC TESTS AND RESEARCH REPORT:

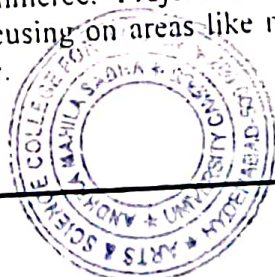
Introduction - t-Test - F-Test - Chi Square Test - Anova (One Way Anova, Two Way Anova).concepts onlyContents of a Research Report.

SUGGESTED READINGS:

1. Research Methodology: Himalaya Publications.
2. Methodology of Research in Social Sciences: Krishna Swamy.
3. Research Methodology: Kothari &Garg, New Age Publication
4. Research Methodology: Paneerselvam R, PHI
5. Research Methodology: Dr Vijay Upagade& Dr ArvindShende, S. Chand Publications
6. Research Methodology: Ranjit Kumar, Pearson Publication
7. Reading in Research Methodology in Commerce & Business Management: Achalapathi KV,
8. Research Methodology: Sashi.K Gupta, PraneethRangi, Kalyani Publishers.
9. Research Methodology: Ms.TuljaBhavani, SIA Publishers & Distributors Pvt. Ltd.

GUIDELINES FOR PROJECT WORK

- 1) Project work is a part of the prescribed curriculum to B. Com students.
- 2) Project work is allotted to a group of 4 students.
- 3) During the IV semester, students are expected to undergo internship at a business firm/ Government Department /Software organization /Voluntary organization as per the guidance of teacher concerned.
- 4) Students should get a certificate from the organization.
- 5) At the end of Semester-VI, the project reports would be evaluated by the external examiner designated by the Controller of Examinations, from the panel submitted by the Board of Studies in Commerce. The Examiner would evaluate the project reports for a maximum of 35 marks and conduct Viva-Voce examination for 15 marks. The award lists duly signed would be sent the Controller of Examinations.
- 6) Examiners will examine the following in the project report: i) Survey/Analysis on the topic chosen; ii) Method of data collection; iii) Presentation: Style, Comprehensiveness, graphs, charts etc.; iv) Analysis and inference and implications of the study; v) Bibliography.
- 7) Students must ensure that they maintain regular contact with their supervisor and also that they provide the supervisor with drafts of their work at regular intervals.
- 8) Students are required to submit a project report on a topic related/connected with trade, industry & commerce. Project can be done by taking the information from the select organization focusing on areas like marketing, finance, human resource, operations, general management etc.



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- 9) Project should be a practical, in-depth study of a problem, issue, opportunity, technique or procedure or some combination of these aspects of business. The Students are required to define an area of investigation, assemble relevant data, analyse the data, draw conclusions and make recommendations.

ORGANISATION OF PROJECT REPORT

1) Project report should be presented in the following sequence:

- i) Title page; ii) Student's declaration; iii) Supervisor's certificate; iv) Internship certificate; v) Abstract; vi) Acknowledgements; vii) Table of contents; viii) List of tables; ix) List of figures; x) List of appendices.

2) Chapter Design should be as follows:

Chapter-I: Introduction: this chapter includes the research problem, need for study significance of the project, objectives, methodology (hypotheses, statistical tools, data source, scope, sample, chapter design).

Chapter-II: Company Profile: this chapter should contain a brief historical retrospect about the entity of your study.

Chapter-III: Data Analysis and interpretation: this chapter should present the data analysis and inferences.

Chapter-IV: Summary and Conclusions: This Chapter should give an overview of the project, conclusions, implications, recommendations and scope for further research.

Bibliography: lists the books, articles, and websites that are referred and used for research on the topic of the specific project. Follow Harvard style of referencing.

Appendices: the data, used to prepare the tables for analysis, may not be feasible to incorporate as part of chapters, may given as appendices.

TECHNICAL SPECIFICATIONS OF THE PROJECT

1) Project should be typed on A4 white paper, and be 1.5 spaced.

2) All pages should be numbered, and numbers should be placed at the centre of the bottom of the page.

3) All tables, figures and appendices should be consecutively numbered or lettered, and suitably labeled.

4) 3 bound copies & a soft-copy should be handed in to the principal/director of your college/institute at the time of submission.

5) **bibliography and referencing:** Referencing is necessary to avoid plagiarism, to verify quotations and to enable readers to follow-up and read more fully the cited author's arguments. Reference is given within the text of the project as well as at the end of the latter contains full details of all the in-text citations.

- Citation provides brief details of the author and date of publication for referencing the work in the body of the text.
- Reference list is given at the end of the text and is a list of all references used with additional details provided to help identify each source.

Proper referencing is as crucial aspect of your project. You are therefore strongly advised to talk to your supervisor about this, in order to make sure that your project report follows the appropriate referencing system.

COURSE NO. PR - 601

PROJECT REPORT

During the 4th semester, students are expected to undergo internship at a business firm/ Government Department /Corporate/Bank/NGO/Cooperative society/startup/or any other enterprise to undergo summer internship/field work as per the guidance of teacher concerned. Original exploratory studies/Case Studies of companies/qualitative research studies are also encouraged. The student has to take up Project work, in the specialization area of Management under the guidance of a faculty member. They are encouraged to be in regular contact of the supervisor till completion of project.

The student has to take up preparation of Project Report during 6th Semester, in the specialization area of Management under the guidance of a faculty member. The Project Report must be submitted at the end of 6th semester respectively to the college

The Project work will be an original one and an indicative format for preparation is presented below:

1) Project report should be presented in the following sequence: i) Title page; ii) Student's declaration; iii) Supervisor's certificate; iv) Internship certificate; v) Abstract; vi) Acknowledgements; vii) Table of contents; viii) List of tables; ix) List of figures; x) List of appendices.

2) Chapter Design

Chapter I - Introduction to Study, Research Methodology – Identification of Research Gap, Need for the Study, Objectives, Study period, Scope, Sources of Data, Research Design, Sampling Methods and Techniques, Statistical Tools, Chapterisation etc.

Chapter II Literature Review – Studies pertaining to the topic of study – maybe from Journals, newspapers, text books or internet

Chapter III Company Profile (Optional/depending on the study) – A brief overview of the organization being studied

Chapter IV Data Analysis and Interpretation – The most important Chapter that consists of the data analysis and interpretation using statistical tools mentioned in Chapter I

Chapter V Summary, Major Findings, Conclusions and Suggestions – A summary of the major findings, the student's own observations/comments after completion of study and suggestions to the company if any.



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Annexures

- i. Questionnaire
- ii. Bibliography – contains list of books, journals, newspapers with date, databases and websites.

Note: If Primary Data is collected from a select company, Project Report must contain certification. If data is taken from secondary sources, certification is not needed.

The Project Report must be an Original One and Plagiarism rules will be applicable as per University instructions and guidelines.

The Project Report carries 3 credits and shall be evaluated by the panel of examiners constituted by the Board of Studies, Department of Business Management.

COURSE NO. CV - 601
COMPREHENSIVE VIVA VOCE

A comprehensive viva-voce examination will be held at the end of 6th Semester that aims at testing comprehensive knowledge and understanding of the students in the entire courses pursued till the completion of the course.

The Viva Voce carries 1 credit and shall be held by the panel of examiners constituted by the Board of Studies, Department of Business Management.

#PROJECT REPORT GUIDELINES

The aim of the Project is to give an opportunity to students to learn independently and show that they can identify, define and analyze problems or issues and integrate knowledge in a business context. It reflects the ability of a student to understand and apply the theory, the concepts and the tools of analysis to a specific situation.

The project is a practical, in-depth study of a problem, issue, opportunity, technique or procedure or a combination of these aspects of business. The students are required to define an area of investigation, carve out research design, collect relevant data, analyze the data, draw conclusions and make recommendations. The project must be an original piece of work that will be undertaken in post-graduate study, over a period of two semesters.

The topic is to be selected carefully in consultation with supervisor. All the material that relates to project work, including filled-in questionnaire should be shown to your supervisor and be kept until the Examination Branch has confirmed your results. Do not throw this material away once your project work is submitted, as you might be asked to present it as part of the Viva-Voce Examination, before your project work results are confirmed.

The supervisor's role is to appraise ideas and work of the student. Student must take overall responsibility for both the content of project work and its management. This includes selection of appropriate subject area (with the approval of the supervisor), setting up meetings with the supervisor, devising and keeping to a work schedule and providing the supervisor with samples of your work.

Students must ensure that they maintain regular contact with their supervisors and provide the supervisor with drafts of their work at regular intervals.

Students are required to submit a project report on a topic related/connected with trade, industry and commerce. Project work can be done by taking the information from the select organization focusing on areas like Accounting, Finance, Marketing, Human Resource Management, Operations and Management etc.

The project reports would be examined by the external examiner and based on the report and Viva-Voce examination conducted at the end of IV semester, a student will be awarded marks and send to Examination Branch, O.U.

The External Examiners will examine the following in Project Report:

- Review of Literature.
- Objectives of the study, Methodology of the study.
- Style of Presentation – Comprehensiveness, Table presentation, Graphs, Charts etc.
- Analysis and interpretations of the study.
- Overall linkage between objectives, methodology, findings and suggestions.
- Bibliography and References.



10/12/22

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ORGANISATION OF PROJECT REPORT

1) Project report should be presented in the following sequence:

- Title page
- Student's Declaration
- Supervisor's Certificate
- Principal/Head's Certificate
- Certificate Issued by the Organization
- Acknowledgements
- List of table /figures
- Contents Page
- Chapters
- Bibliography
- Appendices

2) **Chapter Scheme:** Keeping in view the objectives of the study, the chapter should be designed. Generally, the suggested scheme of chapters for project work is as under:

Chapter-I: Introduction: This chapter covers introduction to topic, review of literature, importance of the study, the research problem, objectives of the study, hypotheses, methodology, sample design, sources of data, scope of the study, statistical tools, chapter scheme

Chapter-II: Profile of Company/ Profile of Respondents: This chapter deals with profile of company / companies, or profile of respondents (If primary data are used for the study).

Chapter-III: Data Analysis and Interpretation: This chapter presents the data analysis, interpretations and inferences for the collected data.

Chapter-IV: Summary and Findings: This Chapter covers summary, conclusions, findings and recommendations of the study.

TECHNICAL SPECIFICATIONS OF THE PROJECT REPORT

Project Report should be typed on A4 white papers, and be 1.5 spaced.

Pages should be numbered, and numbers should be placed at the centre of the bottom of the page.

Tables, figures and appendices should be consecutively numbered or lettered, and suitably labeled.

Three (3) bound copies & a Soft-copy should be submitted to the Principal/Director of your College/Institute

Bibliography & References: Bibliography & References are necessary to avoid plagiarism, to verify

statements and enable readers to follow-up and read more fully the cited author's arguments. Reference is

given within the text of the project report as well as at the end of the project report. The basic difference

between citation and a reference list (bibliography) is that the latter contains full details of all the in-text

statements.

Citation provides a brief details of the authors and date of publication for referencing the work in the

body of the text.

Reference list is given at the end of the text and is a list of all references used with additional details

provided to help and identify each source.

Project report may be prepared in about 40 to 60 pages.

Note: Proper referencing is a crucial aspect of the project work. Hence, the students are strongly advised to

talk to their supervisors about this matter, in order to make sure that the project report follows the

appropriate referencing method.

Internship: The students should undertake the internship during the summer vacation for a duration of

6 days intervening between II & III semesters at a Business Organization/ Government Department/

Software Company/Service Organization/ Banks/Chartered Accountant firm as per the guidance of

Supervisor concerned. Internship may be in the area of project work to be undertaken by the students or

any area of student's interest. Students should obtain a certificate from the Organization where

internship is carried. Internship report may be prepared in about 5 to 10 pages and appended at the end of

project report.

8. Evaluation of Project Work:

*The project work will be evaluated for 150 marks; the distribution of marks is as under:

Project Work	: 75
Internship Report	: 50
Viva -Voce examination	: <u>25</u>
Total	: 150

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B.Sc (BZC) Botany - III year
Semester - VI

Project / Dissertation Work

Max. Marks : 100

Sub code: Bot 352(Project)

Instruction: 60Hrs (4 hrs./ week)
Project Report: (75 M)
Seminar Presentation: (25 M)

Project work/Dissertation is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation / difficult problem. The Project/Dissertation work will be of 4 credits. Work should be given in lieu of a discipline specific elective paper, with a view to develop creative thinking, team spirit and skill, a project work at preliminary level will be assigned to students, in groups

Project report in the form of dissertation is prepared and submitted by the students. It will be evaluated by the External and Internal Examiners. Head of the Department will chair the evaluation panel and proceedings of viva voce. It carries a maximum of 50 marks

Project procedure:

1. Understand the subject broadly.
2. Choose a topic of interest.
3. Refer to the books & interact with subject specific experts
4. Try to understand the basic principles of Living organisms followed by Plants, with the help of Physics, Chemistry and Statistics.
5. Select the topic applicable locally to know the importance of the subject in daily life. Preferably choose, vegetation around the institution, around home, agricultural crops, vegetable markets and nearby relevant industries.
6. Put together, latest technology and methods, basic knowledge on selected theme. Importance / need, locally applicable.
7. Summarize three years knowledge on the subject, go through Skill enhancement course, correlate to real life and choose the project work
8. Laboratory facilities, books to refer and faculty with research experience are essential to handle Project.
9. Analyzing Your Data and Draw a Conclusion
10. Communicate the Results



S. M. SUREKHA

Associate Professor

Department of Botany, Sakshi
Mahila Education Society's

Karre Sharath Deepika
Degree Lecturer, Dept. of Botany
Tribal Welfare Residential
College for Women, Medak

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Project areas

- Lower Plants, Algae, Fungi, Bryophytes, Cyanophyta, Lichens
- Ecology, Biodiversity, Plant Populations, Biogeography of Plants, Plant Adaptation.
- Aquatic Plants, Pteridophytes, Dendrology, Ethnobotany, Economic Botany
- Plant Taxonomy, Plant Communities, Woody Plants, Plant Pathology
- 4. Plant Reproduction, Embryogenesis, Flowers, Fruits, Seeds, Palynology, Seed Banks, Seed Dispersal, Seed Predation, Seedling Establishment,
- 5. Plant Cells, Cell organelles, Cell Walls, Cuticle, Epidermis, Periderm, Bark, Plant Tissues, Parenchyma, Collenchyma, Sclerenchyma, Vascular Cambium, Plant Anatomy, Leaves, Meristems, Phloem, Xylem, Primary Tissues, Roots, Stems, Cell Division, Mitosis, Meiosis,
- 6. Plant Physiology, Phenology, Energy Acquisition, Thermodynamics, Plant Growth, Nutrient Uptake, Osmosis, Phloem Transport, Biochemistry, Plant Respiration, Polarity in Tip Growth, Regulation of Growth (Nutrient ratio and Photoperiod), Stress Response, Transpiration, Water Uptake, C3 Plants, C4 Plants, CAM Plants, Carbon Dioxide Flux, Chloroplasts, Life Cycles, Cell Membrane Transport, Plant Competition, Soil Chemistry, Soil Physics, Stomatal Regulation, Water Potential, Water Vapor Flux.
- 7. Latest methods of cultivation: Hydroponics, Aquaponics, Poly house technique, Horticulture, Biofertilizers.

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Prof. B. VANAJA
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K. Sharath Deepika
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Principal Scientist (Plant Physiology)
Principal Research Institute for Dryland Agriculture
Nizamabad-500 009 (A.P.), India

COURSE NO. PR - 601

PROJECT REPORT

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Annexures

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The Viva Voce carries 1 credit and shall be held by the panel of examiners constituted by the Board of Studies, Department of Business Management.

		Total	25	25		
SEMESTER - V						
27	ELS5	English (First Language)	3	3		
28	SLS5	Second Language	3	3	3 hrs	80U+20I
29	GE	Business Economics	4	4		
30	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
32	DSE503	a) Tax Planning & Management/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
		Total	27/25	25		
SEMESTER - VI						
a)	ELS6	English (First Language)	3	3		
b)	SLS6	Second Language	3	3		
c)	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
d)	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
e)	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
f)	DSE603	a) International Tax & Regulation/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
		Total	29/27	25		
GRAND TOTAL			156/152	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
TOTAL		38		150
Commerce		24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each year)	

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M. A. S. Sripada

**ANDHRA MAHILA SABHA
ART'S AND SCIENCE COLLEGE FOR WOMEN
(AUTONOMOUS) .**

BSc (BZC/MZC) III Year VI Semester

Subject	Subject Code	Subject	Hours / Week		Exam Duration	Marks			No Of Credits
			Theory	Practical		Sem	Internal	Total	
English	Eng 351	General English	3Hrs		3 Hrs	80	20	100	3
Telugu / Hindi/Sanskrit	Tel/Hin /San 351	Telugu /Hindi/Sanskrit	3Hrs		3 Hrs	80	20	100	3
Botany /Bio Technology	Bot/Bio 351	DSE 1F A/B	4 Hrs		3 Hrs	80	20	100	4
Zoology	Zoo 351	DSE 2F A/B	4 Hrs		3 Hrs	80	20	100	4
Chemistry	Che351	DSE 3F A/B	4 Hrs		3 Hrs	80	20	100	4
Practicals									
Botany /Bio Technology	Bot/Bio 381	DSE 1 F (Pra)		3 Hrs	3 Hrs	50	Nil	50	1
Zoology	Zoo 381	DSE 2F (Pra)		3 Hrs	3 Hrs	50	Nil	50	1
Chemistry	Che381	DSE 3F (Pra)		3 Hrs	3 Hrs	50	Nil	50	1
Project/Advanced Chemistry	Che 352		4Hrs		3 Hrs	80	20	100	4
						Total : 25			

Incharge
Incharge Vice-Chancellor
Telangana Mahila Viswa Vidyalayam
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		Total	25	25		
SEMESTER - V						
27.	ELES5	English (First Language)	3	3		
28.	SLS5	Second Language	3	4	3 hrs	80U+20I
29.	GE	Business Economics	4			
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	a) Tax Planning & Management/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
		Total	27/25	25		
SEMESTER - VI						
a)	ELES6	English (First Language)	3	3		
b)	SLS6	Second Language	3	4		40U+10I 35R+15VV
c)	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	
d)	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
e)	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	3 hrs	50T+35P + 15I/ 80U+20I
f)	DSE603	a) International Tax & Regulation/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
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GRAND TOTAL			156/152	150		

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Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

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6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
TOTAL		38		150
Commerce		24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sport/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each year & 1 in 5th year)	

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Handwritten signatures and initials: M. Az, Swejnits, gfk

Faculty of Commerce

		Total	25	25		
		SEMESTER - V				
		English (First Language)	3	3		
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	4	4	3 hrs	80U+20I
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30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	1 ½ hrs/3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	a) Tax Planning & Management/ b) Advanced Corporate Accounting/ c) Financial Management	5	5	3 hrs	80U+20I
		Total	27/25	25		
		SEMESTER - VI				
a)	ELS6	English (First Language)	3	3		
b)	SLS6	Second Language	3	3		
c)	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
d)	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
e)	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	1 ½ hrs/3 hrs	50T+35P + 15I/ 80U+20I
f)	DSE603	a) International Tax & Regulation/ b) Corporate Governance/ c) Investment Management	5	5	3 hrs	80U+20I
		Total	29/27	25		
		GRAND TOTAL	156/152	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AEC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
TOTAL		38		150
Commerce		24		
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	



Faculty of Commerce

24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Web Technologies	3T+4P	5	1 1/2 hrs	50T+35P+15I
		Total	27	25		
SEMESTER - V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/ 5	5	3 hrs	50T+35P+15I/ 80U+20I
32.	DSE503	a) Management Information Systems/ b) Ecommerce/c) Mobile Applications	3T+4P	5	1 1/2 hrs	50T+35P+15I
		Total	29/27	25		
SEMESTER - VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 1/2 hrs	40U+10I 35R+15VV
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/ 5	5	3 hrs	50T+35P +15I 80U+20I
38.	DSE603	a) Multimedia Systems/ b) Cyber Security/c) Data Analytics	3T+4P	5	1 1/2 hrs	50T+35P+15I
		Total	31/29	25		
		GRAND TOTAL	168/164	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AECC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	40		150
	Commerce	24		106
	NSS/ICC/Sports/Extra Curricular		Up to 6 (2 in each year)	
	Summer Internship		Up to 4 (2 in each after I & II years)	

★ College Specific Paper - 3 Business Correspondence
 Dean Faculty of Commerce, University, 500 007
 Business Correspondence - 1 - Sec - 4



Faculty of Commerce

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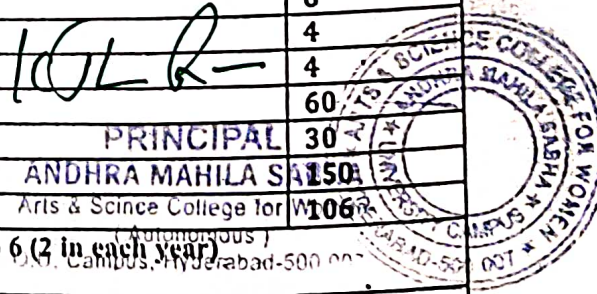
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics/ b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/5	5	1 ½ hrs / 3 hrs	50T+35P+ 15I/ 80U+20I
32.	DSE503	a) Advanced Data Visualization/ b) Advanced Corporate Accounting/ c) Financial Management	3T+4P/5	5	1 ½ hrs / 3 hrs	50T+35P+ 15I/ 80U+20I
		Total	29/27	25		
		SEMESTER - VI				
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/5	5	1 ½ hrs / 3 hrs	50T+35P+ 15I/ 80U+20I
38.	DSE603	a) Business Applications of Emerging Technologies/ b) Corporate Governance/ c) Investment management	3T+4P/5	5	1 ½ hrs / . 3 hrs	50T+35P+ 15I/ 80U+20I
		Total	31/27	25		
		GRAND TOTAL	168/162	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Modern Language	6	4/3	20
3	AEC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	38		150
	Commerce	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	



24.	DSC401	Income Tax	5	5	3 hrs	80U+20I
25.	DSC402	Business Statistics-II	5	5	3 hrs	80U+20I
26.	DSC403	Web Technologies	3T+4P	5	1 ½ hrs	50T+35P+15I
		Total	27	25		
SEMESTER - V						
27.	ELS5	English (First Language)	3	3		
28.	SLS5	Second Language	3	3		
29.	GE	a) Business Economics / b) Advanced Aspects of Income Tax	4	4	3 hrs	80U+20I
30.	DSE501	a) Cost Accounting/ b) Financial Planning & Performance/ c) International Financial Reporting-I	5	5	3 hrs	80U+20I
31.	DSE502	a) Computerized Accounting/ b) Financial Decision Making-I/ c) International Tax & Regulation	3T+4P/ 5	5	1 ½ hrs/3 hrs	50T+35P + 15I/ 80U+20I
32.	DSE503	a) Management Information Systems/ b) Ecommerce/c) Mobile Applications	3T+4P	5	1 ½ hrs	50T+35P + 15I
		Total	29/27	25		
SEMESTER - VI						
33.	ELS6	English (First Language)	3	3		
34.	SLS6	Second Language	3	3		
35.	PR	Research Methodology and Project Report	2T+4R	4	1 ½ hrs	40U+10I 35R+15VV
36.	DSE601	a) Cost Control and Management Accounting/ b) Financial control/ c) International Financial Reporting-II	5	5	3 hrs	80U+20I
37.	DSE602	a) Theory and Practice of GST/ b) Financial Decision Making-II / c) International Auditing	3T+4P/ 5	5	1 ½ hrs/3 hrs	50T+35P + 15I/ 80U+20I
38.	DSE603	a) Multimedia Systems/ b) Cyber Security/c) Data Analytics	3T+4P	5	1 ½ hrs	50T+35P + 15I
		Total	31/29	25		
		GRAND TOTAL	168/164	150		

ELS: English Language Skill; SLS: Second Language Skill; AEC: Ability Enhancement Compulsory Course; SEC: Skill Enhancement Course; DSC: Discipline Specific Course; DSE: Discipline Specific Elective; GE: Generic Elective; T: Theory; P: Practical; I: Internal Exam U: University Exam; PR: Project Report; VV: Viva-Voce Examination.

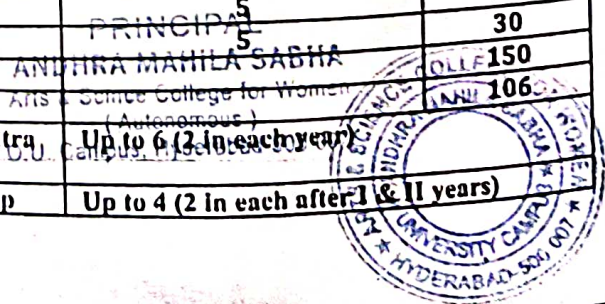
Note: If a student should opt for "a" in SEC in III semester, the student has to opt for "a" only in IV semester and so is the case with "b" and "c". In the case of DSE also the rule applies.

SUMMARY OF CREDITS

Sl. No.	Course Category	No. of Courses	Credits Per Course	Credits
1	English Language	6	4/3	20
2	Second Language	6	4/3	20
3	AEC	2	2	4
4	SEC	4	2	8
5	GE	1	4	4
6	Project Report	1	4	4
7	DSC	12	5	60
8	DSE	6	5	30
	TOTAL	40		150
	Commerce	24		106
CREDITS UNDER NON-CGPA		NSS/NCC/Sports/Extra Curricular	Up to 6 (2 in each year)	
		Summer Internship	Up to 4 (2 in each after I & II years)	

100L A

100L R



THIRD SEMESTER

No.	Code	Title of the Paper	THP	Credits	ESED	Marks			
						IA	Assignment	End-Sem Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11	MCIS 301	Research Methodology & Statistical Analysis	5	4	3 Hrs	15	5	80	100
12	MCIS 302	Marketing Management	5	4	3 Hrs	15	5	80	100
13	MCIS 303	Cost Accounting and Control	5	4	3 Hrs	15	5	80	100
14	MCIS 304	Specialization **	(3T+4P) /5T	5	3 Hrs	15 IA	35 LPE	50/ 80	100
15	MCIS 305	Specialization **	(3T+4P) /5T	5	3 Hrs	15 IA	35 LPE	50/ 80	100
16	ID Paper	Business Organization & Management	4	4	3 Hrs	15	5	80	100
	Seminar		2	1	-	-	-	25*	25
Total			(27T+8 P)/31T	27		90	20 IA+ 70LPE	445/ 505	625

*25=15W+10PR

FOURTH SEMESTER

Sl No.	Code	Title of the Paper	THP	Credits	ESED	Marks			
						IA	Assignment	End-Sem Exam	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
17	MCIS 401	ERP	5	4	3 Hrs	15	5	80	100
18	MCIS 402	Business and Corporate Taxation	5	4	3 Hrs	15	5	80	100
19	MCIS 403	ME & BEP	5	4	3 Hrs	15	5	80	100
20	MCIS 404	Specialization **	(3T+4P) /5T	5	3 Hrs	15 IA	35 LPE	50/80	100
21	MCIS 405	Specialization **	3T+4P	5	3 Hrs	15 IA	35 LPE	50	100
22	MCIS	Project Work	8	4	3 Hrs	-	-	50VV +	100
	Seminar :		2	1	3 Hrs	-	-	25*	25
Total			(31T+8 P)/33T	27		75	15 IA + 70 LPE	465/ 495	625
GRAND TOTAL			(104T+ 32P) / 114T	100		315	65IA +280 LPE	1640/ 1790	2300

*25=15W+10PR

Note: Specialization Papers in Semesters III & IV (i.e., Data Communication and Networks, Cyber Laws and E-Business Management) will have 5 Hours of theory teaching and End Semester Exam for 80 Marks, IA for 15 Marks and Assignment for 5 Marks.

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PRINCIPAL
ANDHRA MAHILA SABHA
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 O.U. Campus, Hyderabad-500 007

**ANDHRA MAHILA SABHA
ART'S AND SCIENCE COLLEGE FOR WOMEN
(AUTONOMOUS)
Department of Chemistry**

BSc (BZC/BiZC) III Year VI Semester

Subject	Subject Code	Subject	Hours / Week		Exam Duration	Marks			No Of Credits
			Theory	Practical		Sem	Internal	Total	
English	Eng 351	General English	3Hrs		3 Hrs	80	20	100	3
Telugu / Hindi/Sanskrit	Tel/Hin /San 351	Telugu /Hindi/Sanskrit	3Hrs		3 Hrs	80	20	100	3
Botany /Bio Technology	Bo/Bio 351	DSE 1F A/B	4 Hrs		3 Hrs	80	20	100	4
Zoology	Zoo 351	DSE 2F A/B	4 Hrs		3 Hrs	80	20	100	4
Chemistry	Che351	DSE 3F A/B	4 Hrs		3 Hrs	80	20	100	4
Practicals				3 Hrs	3 Hrs	50	NU	50	1
Botany /Bio Technology	Bot/Bio 381	DSE 1 F (Pra)		3 Hrs	3 Hrs	50	NU	50	1
Zoology	Zoo 381	DSE 2F (Pra)		3 Hrs	3 Hrs	50	NU	50	1
Chemistry	Che381	DSE 3F (Pra)		3 Hrs	3 Hrs	80	20	100	4
Project/Advanced Chemistry	Che 352		4Hrs		3 Hrs				
Total : 25									

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Dr. Y. P. Senthil
Dr. Y. P. Senthil
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Prof. & Head
Prof. & Head
Department of Chemistry
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Heaven




Principal
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Andhra Mahila Sabha Arts & Science College for Women
Department of Mathematics
MSc Mathematics with computer Science
Scheme of instruction & Evaluation - 2018-19

Semester – IV

S.No.	Code No	Paper	Paper Title	Hrs/ Week	T *	Internal Assessment	Semester Exam	Total Marks	Credits
1.Core	MCS 551	I	Integral Equations and Calculus of Variations	6	1	20	80	100	5
2.Core	MCS 552	II	Compiler Design	4		20	80	100	4
3.Core	MCS 553	III	Computer Networks	4		20	80	100	4
4.Elective	MCS 554(A)	IV	Cryptography	6	1	20	80	100	5
	MCS 554(B)		Numerical Analysis						
	MCS 554(C)		Topology						
7.Practical	MCS 582	Prac-II	Compiler Design Lab	3		....	50	50	1
8.Practical	MCS 583	Prac-III	Computer Networks Lab	3		50	50	1
PROJECT			Project	6				100	4
Seminar				2				25	1
			Total:	34					25

Dr. N. KISHAN
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Professor & chairperson B.O.S.
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Andhra Mahila Sabha Arts & Science College for Women
Department of Mathematics
MSc Mathematics with computer Science
Scheme of instruction & Evaluation - 2022-23

Semester – IV

S.No.	Code No	Paper	Paper Title	Hrs/Week	Theory	T*	Internal Assessment	Semester Exam	Total Marks	Credits
1.Core	MCS 551	I	Integral Equations and Calculus of Variations	6	5	1	20	80	100	5
2.Core	MCS 552	II	Compiler Design	4	4		20	80	100	4
3.Core	MCS 553	III	Computer Networks	4	4		20	80	100	4
4.Elective	MCS 554(A)	IV	Cryptography	6	5	1	20	80	100	5
	MCS 554(B)		Numerical Analysis							
	MCS 554(C)		Topology/							
	MCS 554(D)		Robotics and Artificial Intelligence							
7.Practical	MCS 582	Prac-II	Compiler Design Lab	3	--	--	....	25	25	1
8.Practical	MCS 583	Prac-III	Computer Networks Lab	3	--	--	....	25	25	1
9.Practical	MCS 584(D)	Prac-III	Robotics and Artificial Intelligence	3						
PROJECT			Project	6	--	--	--		100	4
Seminar				2	2	--	--		25	1
			Total:	32						25

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