



**SKR & SKR Govt. College for Women, Kadapa.**  
**(Autonomous)**  
Re-accredited with 'B' Grade by NAAC  
Y.S.R. Kadapa District – 516001, Andhra Pradesh, India.  
Affiliated to Yogi Vemana University



2.3.2 Teachers use ICT enabled tools including online resources for Innovative teaching and learning process.

Dr P. Subba Lakshumma, Principal



*Dr. P. Subba Lakshumma, Principal is teaching on 28.12.2021 on the topic “Ratio Analysis” to III BCOM (CA) students by using Virtual class*

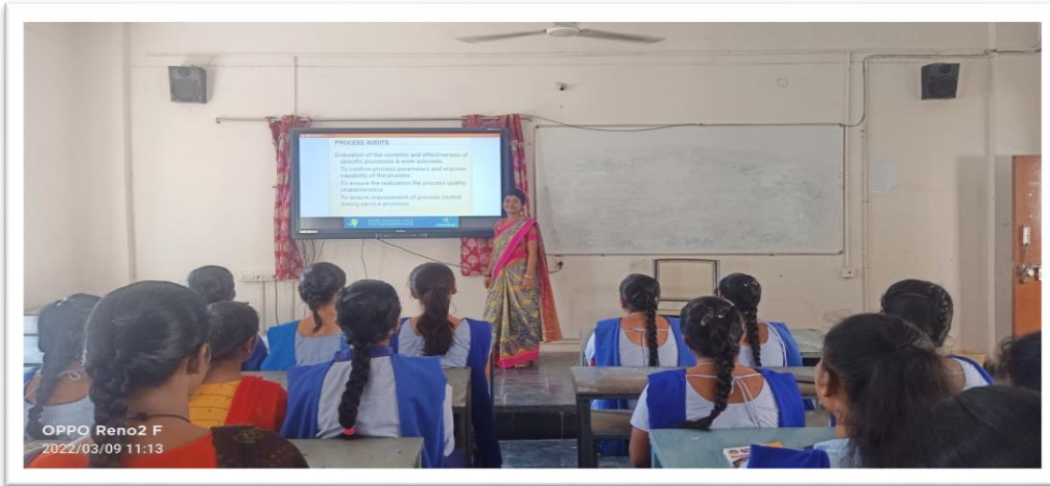
## DEPARTMENT OF COMMERCE



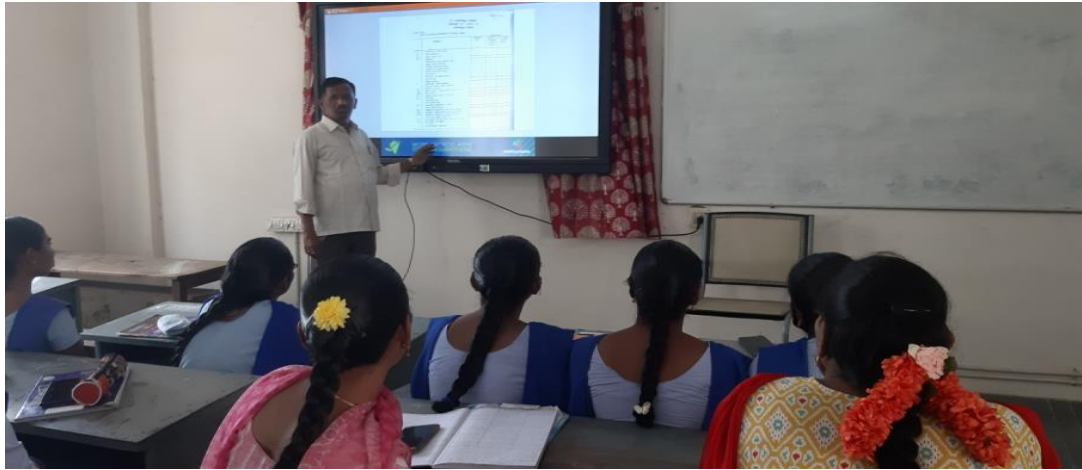
NAME	V.SREE RAMA REDDY
DESIGNATION	Lecturer in Commerce
TOPIC	Meaning , definition & objectives of management accounting
Cos/LEARNING OBJECTIVES	To know how to prepare and submit the essence of raw data
TEACHING METHODS ADOPTED	participative learning (PPT) III.BCOM (TM), VI semester
GROUP/SEMESTER	III.BCOM (TM), VI semester



NAME	:	M.RENUKA
DESIGNATION		Guest Faculty In Commerce
TOPIC		Features & Objectives of Social Audit
COs/LEARNING OBJECTIVES	:	To Know the Social Audit
TEACHING METHODS ADOPTED		Interactive Method (PPT)
GOUP/SEMESTER		I B.Com (General) (EM), 1 <sup>st</sup> Semester
APPLICATION		To Learn about the Objectives of Business AUDIT



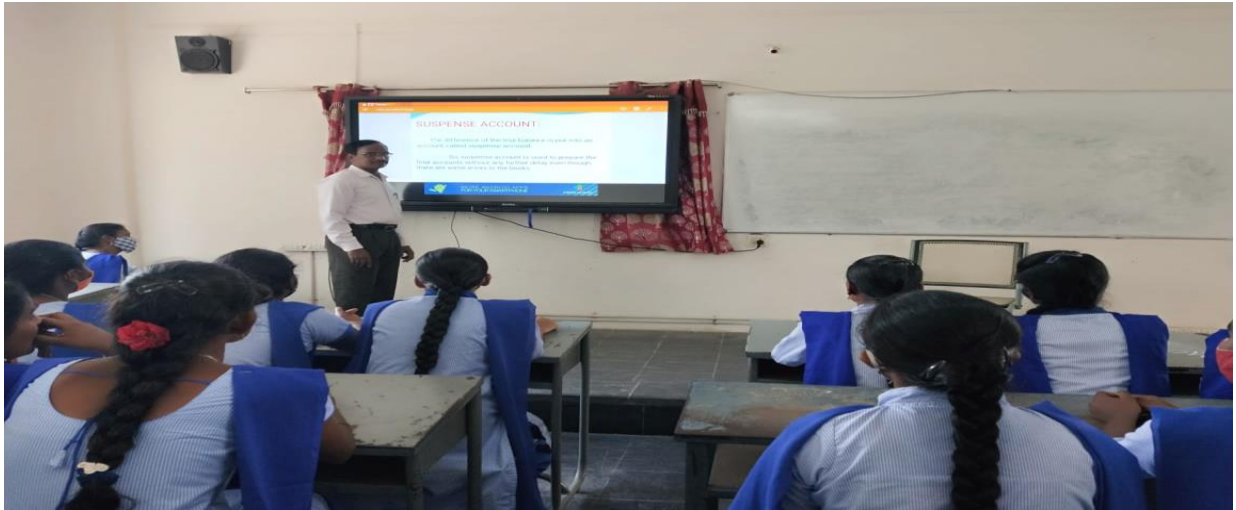
NAME	: Smt.V.ARUNA
DESIGNATION :	: Guest faculty in Commerce
TOPIC :	: Auditing perfection
Cos/LEARNING OBJECTIVES	To learn about the auditing
TEACHING METHODS ADOPTED :	Participative learning (ppt)
GROUP/SEMESTER :	: III BCOM (CA), VI SEMESTER
APPLICATION	: To know the perfection of auditing



NAME	: P.RAJA GOPAL
DESIGNATION	: Guest faculty in Commerce
TOPIC	: Company Final Accounts
Cos/LEARNING OBJECTIVES	: To learn about the final accounts of the Company
TEACHING METHODS A	: Participative learning (PPT)
GROUP/SEMESTER	: II BCOM General), III SEMESTER
APPLICATION	: To know the preparation of Company Final Accounts

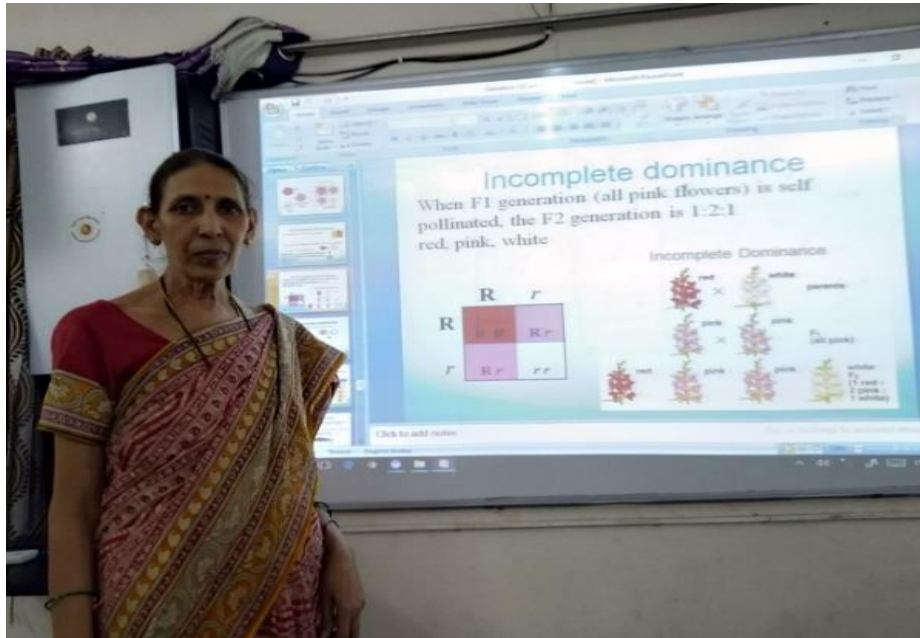


NAME	: Dr.S.GURAPPA
DESIGNATION	: Lecturer in Commerce (cont)
TOPIC : Distribution of revenues	: Distribution of revenues
Cos/LEARNING OBJECTIVES	To learn about the incomeTAX
TEACHING METHODS ADOPTED:	PPT
GROUP/SEMESTER	: II BCOM, IV.SEMESTER
APPLICATION	: Learn how to calculate the income tax



NAME	O.KHAJA MOHIDEEN
DESIGNATION	Lecturer in Commerce
TOPIC	Principles of Accounting
Cos/LEARNING OBJECTIVES	To know Accounting procedure and recording of financial Transactions
TEACHING METHODS ADOPTED :	Interactive method
GROUP/SEMESTER	BCOM (CA),(G) Ist SEMESTER
APPLICATION	Use information support business process and decisions making

## DEPARTMENT OF ZOOLOGY



NAME :	Mrs. B. Swarna Mary
DESIGNATION :	Lecturer in Zoology
TOPIC :	Incomplete dominance
Cos/LEARNING OBJECTIVES :	To contrast complete dominance & Incomplete dominance.
TEACHING METHODS ADOPTED :	Participative learning [ PPT]
GROUP/SEMESTER :	IIB.Sc {TM) – III SEM
APPLICATION :	To study the inheritance pattern.



NAME	Dr. P. Sachidevi
DESIGNATION	Lecturer in Zoology
TOPIC	Monoclonal Antibodies
Cos/LEARNING OBJECTIVES	To learn about the Hybridoma Technology.
TEACHING METHODS ADOPTED	Participative learning [ PPT]
GROUP/SEMESTER	III B.Sc{EM) – VI SEM
APPLICATION	Disease diagnosis & treatment.



NAME :	Dr.N.S. VenuGopal
DESIGNATION :	Lecturer in Zoology
TOPIC :	Aquaculture- Introduction, History
Cos/LEARNING OBJECTIVES :	To learn about the Aquaculture
TEACHING METHODS ADOPTED :	Interaction method [ PPT]
GROUP/SEMESTER :	III B.Sc{EM/Biotech) – VI SEM
APPLICATION :	Production of edible aquatic animals & other commercial products like fish oils, leather etc.



NAME	Mrs. R. vahida
DESIGNATION	Lecturer in Zoology
TOPIC	Fish preservative methods
Cos/LEARNING OBJECTIVES	To learn about different types of fish preservation methods.
TEACHING METHODS ADOPTED	Interactive method[ PPT]
GROUP/SEMESTER	III B.Sc{TM) – VI SEM
APPLICATION	To increase the shelf life of fish & Other fish products.



NAME	DR.RAVISEKHR
DESIGNATION	Lecturer in Zoology
TOPIC	Larval forms in Echinodermata
Cos/LEARNING OBJECTIVES	To learn about different types of Echinoderm larvae.
TEACHING METHODS ADOPTED	Interactive method[ PPT]
GROUP/SEMESTER	IB.Sc{EM) – I SEM
APPLICATION	To know the phylo genetic relation between different classes of Echinodermata.

## DEPARTMENT OF BIOTECHNOLOGY



NAME :	S.SivaGowri
DESIGNATION :	Guest Lecturer in Bio-Technology
TOPIC	Isolation methods of microorganisms
Cos/LEARNING OBJECTIVES	To learn the soil sample isolation of the microorganism from soil sample.
TEACHING METHODS ADOPTED :	Participative learning [ PPT]
GROUP/SEMESTER	IIIB.Sc – VI SEM
APPLICATION	To isolate the microorganisms.



NAME :	C. Madhuri
DESIGNATION :	Guest Lecturer in Bio-Technology
TOPIC :	UV-Visible spectrophotometer
Cos/LEARNING OBJECTIVES :	To learn the instrumentation of UV-Visible spectrophotometer
TEACHING METHODS ADOPTED :	Participative learning [ PPT
GROUP/SEMESTER :	IB.Sc – I SEM
APPLICATION :	To analyse the biological samples.

## DEPARTMENT OF BOTANY



NAME	Dr.P.Subramanyam
DESIGNATION	Lecturer in Botany
TOPIC	Phyto geographical Regions of India
Cos/LEARNING OBJECTIVES	To aware the students towards distribution of Plants & Climatic conditions with relation plant growth
TEACHING METHODS ADOPTED	Participative learning [ PPT]
GROUP/SEMESTER	III B.Sc, B.Z.C {EM } – V SEM
APPLICATION	Students will understand the Geography and distribution of Plant species



NAME	Dr.P.Subramanyam
DESIGNATION	Lecturer in Botany
TOPIC	Endemism
Cos/LEARNING OBJECTIVES	To bring awareness for the students towards endemic plants Plants & reasons to endemic to endemic
TEACHING METHODS ADOPTED	Participative & Interactive learning
GROUP/SEMESTER	III B.Sc, B.Z.C {TM } – V SEM



NAME	Dr.P.Subramanyam
DESIGNATION	Lecturer in Botany
TOPIC	Embryology of angiosperms
Cos/LEARNING OBJECTIVES	To bring awareness for the students towards embryological features.
TEACHING METHODS ADOPTED	Participative & Interactive learning
GROUP/SEMESTER	II B.Sc, B.Z.C {EM } –III SEM



NAME	Y.Nagarathanamma
DESIGNATION	Lecturer in Botany
TOPIC	Algae
Cos/LEARNING OBJECTIVES	green algae
TEACHING METHODS ADOPTED	Participative [PPT]
GROUP/SEMESTER	IB.Sc, B.Z.C,BCH (EM) –I SEM
APPLICATION	Students will enrich about algae

## DEPT OF MATHEMATICS



K. Shalini, Faculty of Mathematics taught Ring theory using PPT presentation.



K. Shalini, Faculty of Mathematics taught Group theory using PPT Presentation.

## DEPARTMENT OF PHYSICS



NAME :	Dr.M.Padmavathi
DESIGNATION :	Lecturer in Physics
TOPIC :	Field Effect Transistor
COs/LEARNING OBJECTIVES :	Construction & Working of FET
TEACHING METHODS ADOPTED	Interactive teaching method [ PPT]
GROUP/SEMESTER :	III B.Sc – VI SEM
APPLICATION :	In circuit designing and manufacturing circuit designing and manufacturing

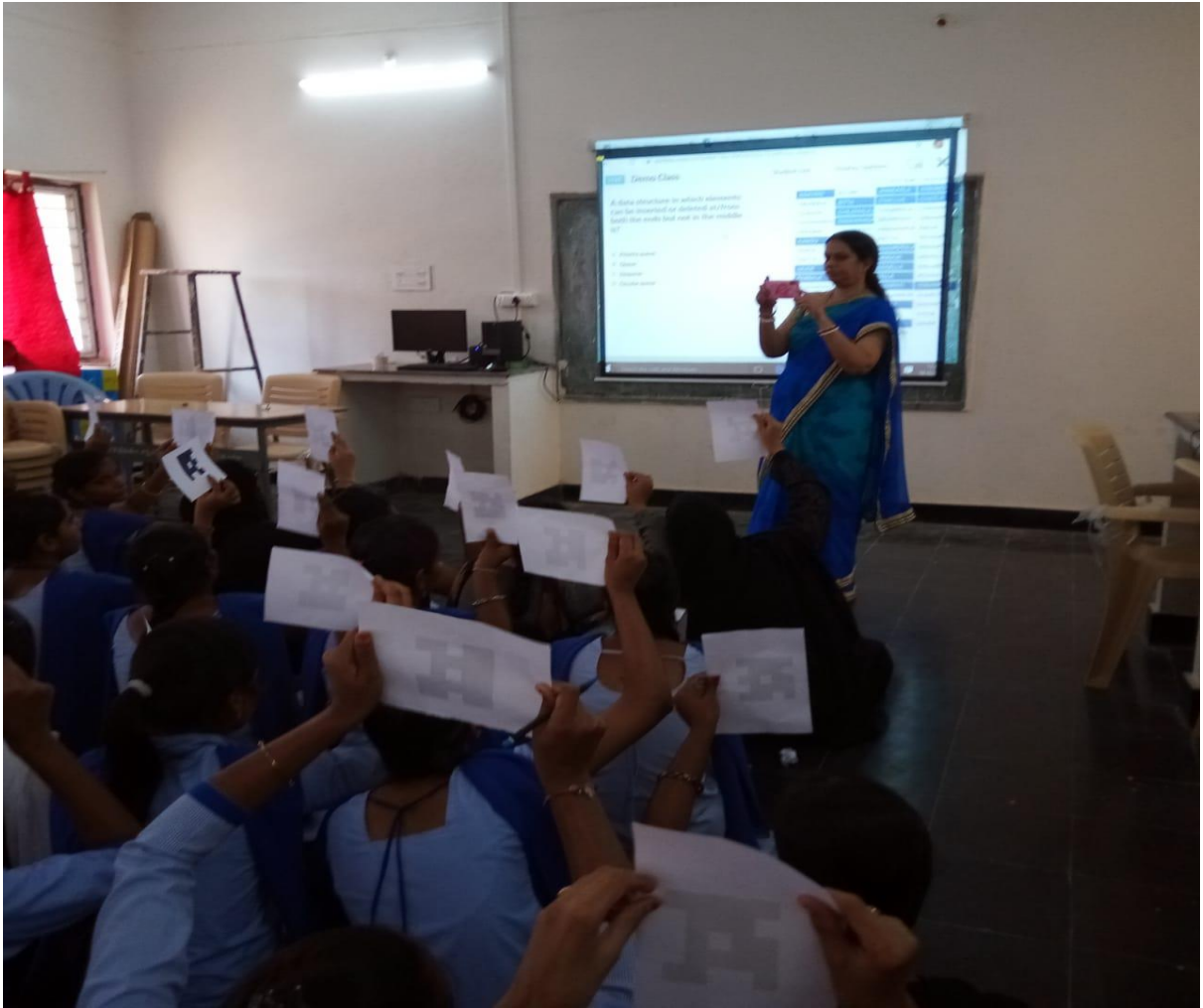


NAME :	Dr.M.V.Ramanaiah
DESIGNATION :	Lecturer in Physics
TOPIC :	Operational Amplifiers - Basics
Cos/LEARNING OBJECTIVES :	Block diagrams and Pin Configurations
TEACHING METHOD	Interactive teaching method [ PPT]
GROUP/SEMESTER :	III B. Sc – VI SEM ( 2020 Batch
APPLICATIONS :	To construct and Analyze the simple mathematical operations like addition, subtraction, division, integration



NAME :	Dr.V.SahadevaReddy
DESIGNATION :	Lecturer in Physics
TOPIC :	Equation of motion of rotating rigid body
Cos/LEARNING OBJECTIVES :	To learn the Laws of rotatory motion
TEACHING METHODS ADOPTED:	Interactive teaching method [ PPT]
GROUP/SEMESTER :	BSc - I SEM
APPLICATIONS :	In manufacturing of Gyroscope

## DEPARTMENT OF COMPUTER SCIENCE



I.NAME: A.Haritha, Lecturer in Computer Science,

II SUBJECT: DS using java

III. Course Outcomes:

- a. To develop skills to design and analyze simple linear and non linear data structures.
- b. Design and implement Data structures such as linked list, stack, queue and tree by using C as the programming language and using static or dynamic implementations.
- c. Represent and manipulate data using non linear data structures like trees and graphs
- d. Assessment by conducting quiz using plickers.

IV.Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.

V. CLASS:B.Sc MSCS IV semester



I. NAME: C V Krishnaveni, Lecturer in Computer Science,

II. SUBJECT: Web Technologies

III. Course Outcomes:

1. To understand the web architecture and web services.
2. To practice the latest web technologies and tools by conducting experiments.
3. To design interactive web pages using HTML and Style sheets.
4. To study the framework and building blocks of .NET Integrated Development Environment.
5. To provide solutions by identifying and formulating IT related problems.

IV. Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.



I.NAME:K.VASUDHA RANI, Lecturer in Computer Science,

II. SUBJECT: BIG DATA TECHNOLOGY , Cluster C2,HADOOP ARCHITECTURE

III.Course Outcomes:

1. Learn tips and tricks for Big Data use cases and solutions.
2. Learn to build and maintain reliable, scalable, distributed systems with Apache Hadoop.
3. Able to apply Hadoop ecosystem components.
4. Identify Big Data and its Business Implications.
- 5.List the components of Hadoop and Hadoop Eco-System
- 6.Access and Process Data on Distributed File System
- 7.Manage Job Execution in Hadoop Environment
8. Develop Big Data Solutions using Hadoop Eco System

IV .Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.

V.CLASS: B.Sc MPCS /MECS/MSCS VI semester.



I NAME: B. Renuka Devi, Dept. of Computer Science

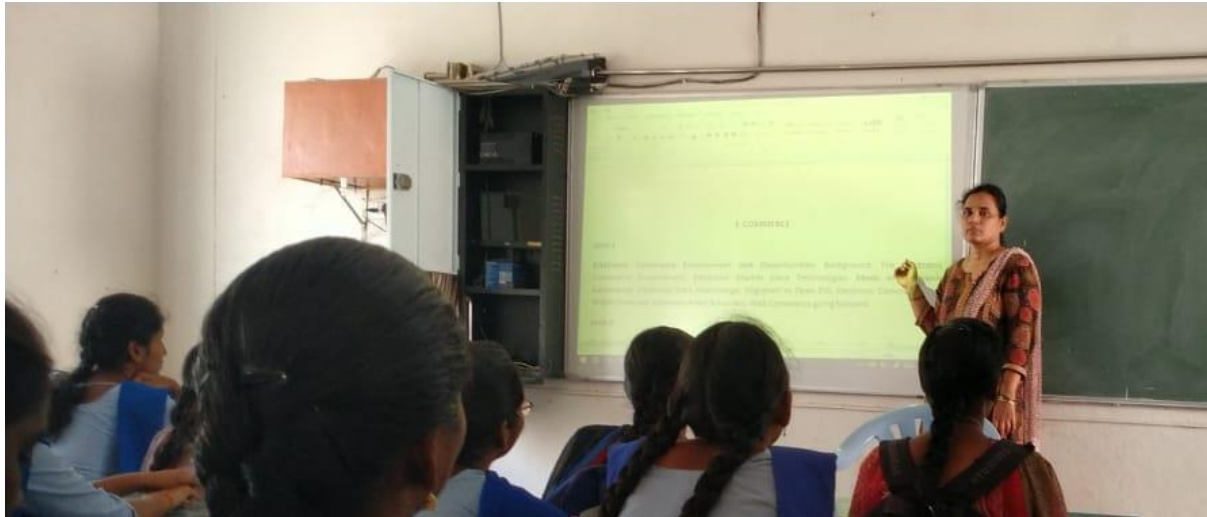
II. SUBJECT: Pointers in C

III Course Outcomes:

- a. Students will learn about fundamentals of computer and programming language, draw flow chart to solve given problem logically and develop algorithm to solve given program.
- b. Students will be able to comprehend the general structure of C program, concepts of variable, datatype, operator and be able to create a C program to demonstrate these concepts.
- c. Students will be able to use the concept of branching and looping to design efficient C program and be able to apply the concepts of user defined function and recursion to support reusability.
- d. Students will be able to design an application using the concepts of array, pointer, structure and file management to solve real world problem.

IV. Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.

V. CLASS: B.Sc MECS I Semester



I.NAME:K.RAMYASMITHA      Lecturer in Computer Science,

II. SUBJECT: DATABASE MANAGEMENT SYSTEMS

III.Course Outcomes:

- 1.Demonstrate the basic elements of a relational database management system.
- 2.Identify the data models for relevant problems.
- 3.Design entity relationship and convert entity relationship diagrams into RDBMS and formulate SQL queries on the respect data into RDBMS and formulate SQL queries on the data.
- 4.Demonstrate their understanding of key notions of query evaluation and optimization techniques.
- 5.Extend normalization for the development of application software's.

IV .Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted

5.CLASS: B.COM(C.A) V SEMESTER



I.NAME:M.LAVANYA

II.SUBJECT: WEBTECHNOLOGY

III. COURSE OUTCOMES:

- a. To understand the web architecture and web services.
- b. To practice the latest web technologies and tools by conducting experiments.
- c. To design interactive web pages using HTML and Style sheets.
- d. To study the framework and building blocks of .NET Integrated Development Environment.
- e. To provide solutions by identifying and formulating IT related problems.
- f. Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.

IV. Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted

V.CLASS:III BCOM(CA)



I.NAME:M.SUBHANJALI

II.SUBJECT:INFORMATION TECHNOLOGY

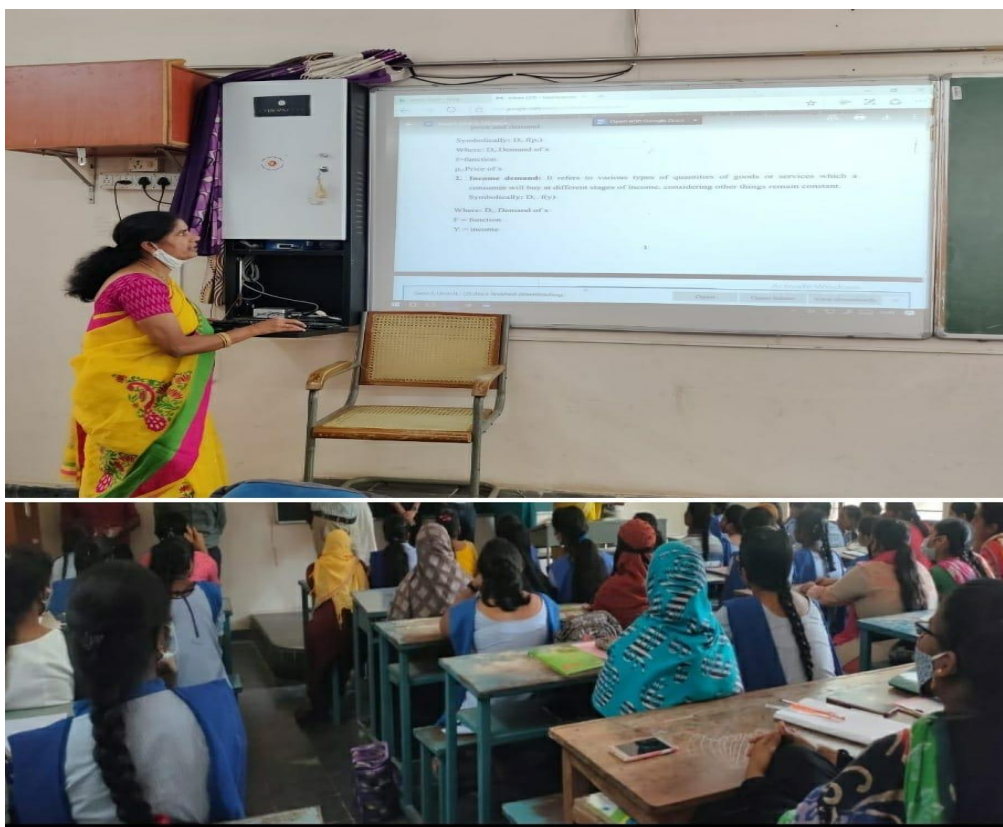
III.COURSE OUT COMES

- a. Apply knowledge of computing requirements and mathematics for technology solutions in business applications.
- b. Analyze a problem and identify and define the computing requirements for the appropriate solutions.
- c. Design and use spreadsheets and database applications for business processes and tracking.
- d. Plan, Install, manage, and troubleshoot a computer network.
- e. Apply telecommunications principles to design and configure a network.

IV. Interactive Teaching/Demonstrative Teaching/Participative Teaching Methods Adopted.

V.CLASS:Bcom CA I SEMESTER.

## DEPARTMENT OF ECONOMICS



NAME :	Dr.G.VijayaLaskhmi Devi
DESIGNATION :	Lecturer in Economics
TOPIC :	Demand Analysis
Cos/LEARNING OBJECTIVES:	To understand the Demand Price relation
TEACHING METHODS ADOPTED :	Participative learning [ PPT]
GROUP/SEMESTER :	I B.A (EM) – SEM-I
APPLICATION :	To study the Demand function

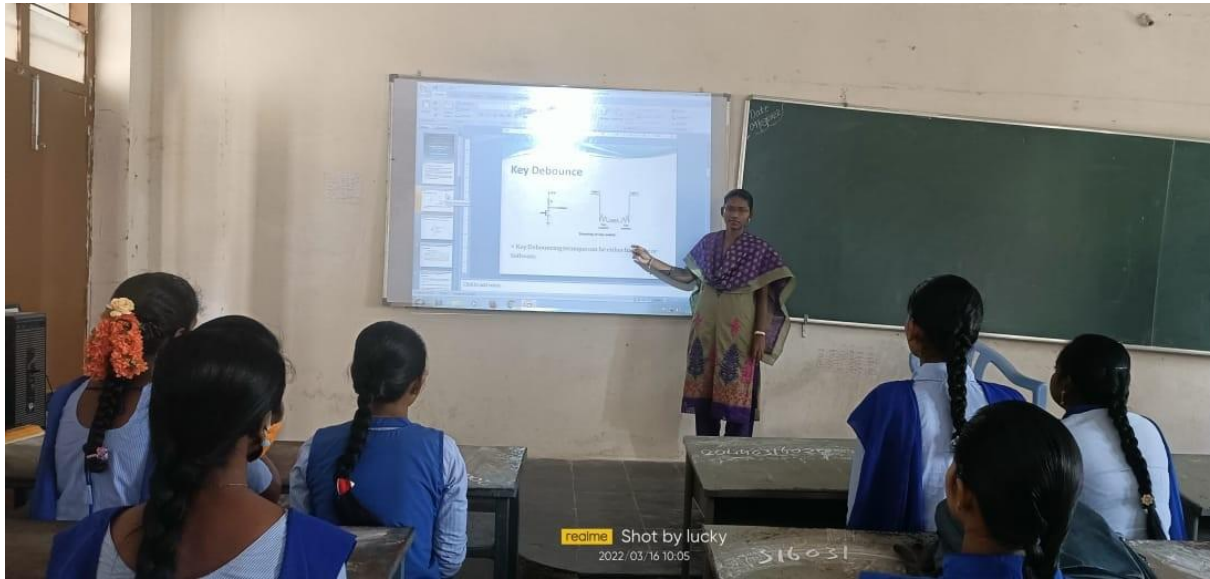


NAME :	T.Srinivasulu Reddy
DESIGNATION :	Lecturer in Economics
TOPIC:	Circular flow of Income
Cos/LEARNING OBJECTIVES :	To learn about the income circulation
TEACHING METHODS ADOPTED :	Participative learning( PPT)
GROUP/SEMESTER :	I B.A (EM) – I SEM
APPLICATION :	once expenditure is another income



NAME:	Dr.M.Guru Mohan Reddy
DESIGNATION:	Lecturer in Economics
TOPIC:	Indifference curve analysis
Cos/LEARNING OBJECTIVES:	To learn about the consumer
TEACHING METHODS ADOPTED:	Interaction method(PPT)
GROUP/SEMESTER:	IB.A (EM)   SEM
APPLICATION:	Consumer satisfaction

## DEPARTMENT OF ELECTRONICS



NAME:	J. Ashavijayalakshmi
DESIGNATION:	Guest faculty in Electronics
TOPIC :	Interface keyboard
Cos/LEARNING OBJECTIVES:	To interface keyboard with 8051 Microcontroller
TEACHING METHODS ADOPTED:	Participative learning method [PPT]
GROUP/SEMESTER:	III B.Sc – VI SEM
APPLICATION:	For interfacing keyboard to processing

## Department of Electronics



NAME :	G.Rajani
DESIGNATION :	Guest faculty in Electronics
TOPIC :	single chip controllers & LCD Timer alarm
Cos/LEARNING OBJECTIVES:	Data flow chart & basic operations algorithm
TEACHING METHODS ADOPTED:	Participative learning method [ PPT]
GROUP/SEMESTER :	III B.Sc – VI SEM
APPLICATION:	Light &temperature sensing Controlling devices.

## DEPARTMENT OF MICROBIOLOGY



NAME	Dr.B.PRIYADARSINI
DESIGNATION :	Lecturer in Microbiology
TOPIC :	Viral Disease- Swine Flu
Cos/LEARNING OBJECTIVES	To learn about the impact and transmission of this disease Global, Historical
TEACHING METHODS ADOPTED	Participative learning [ PPT]
GROUP/SEMESTER :	III BMC-V- SEM
APPLICATION	Knowledge and Awareness regarding this disease.

## DEPARTMENT OF URDU



NAME :	Dr. Shaziya Begum
DESIGNATION :	Lecturer in Urdu
TOPIC :	Rubayika Taruff
Cos/LEARNING OBJECTIVES:	To learn about the Poetry and Techniques of Rubaiya writing
GROUP/SEMESTER:	II B.Sc/B.Com/BA{EM/UM) – III SEM
TEACHING METHODS ADOPTED	Participative learning
APPLICATION	Test of Urdu poetry & Morals of the Poem



NAME :	P.Sartaj Begum
DESIGNATION :	Lecturer in Urdu
TOPIC :	Rubiyakaagaz o Irtakha
Cos/LEARNING OBJECTIVES :	To learn about the Rubiyath
TEACHING METHODS ADOPTED	Interaction method [ PPT]
GROUP/SEMESTER :	III B.A{UM) – VI SEM
APPLICATION :	Urdu poetry -Rubayi - agaz o Irtakha etc.

## Department of Hindi



NAME :	D.Mahajabeen
DESIGNATION :	Lecturer in Hindi
TOPIC :	Munshi Prem Chand
Cos/LEARNING OBJECTIVES :	To learn about the MunshiPrem Chand
TEACHING METHODS ADOPTED :	Interaction method [ PPT]
GROUP/SEMESTER :	II B.A/B.Sc/B.com{EM/TM) – III SEM
APPLICATION	Hindi Short story writer and his work etc.

## DEPARTMENT OF TOURISM

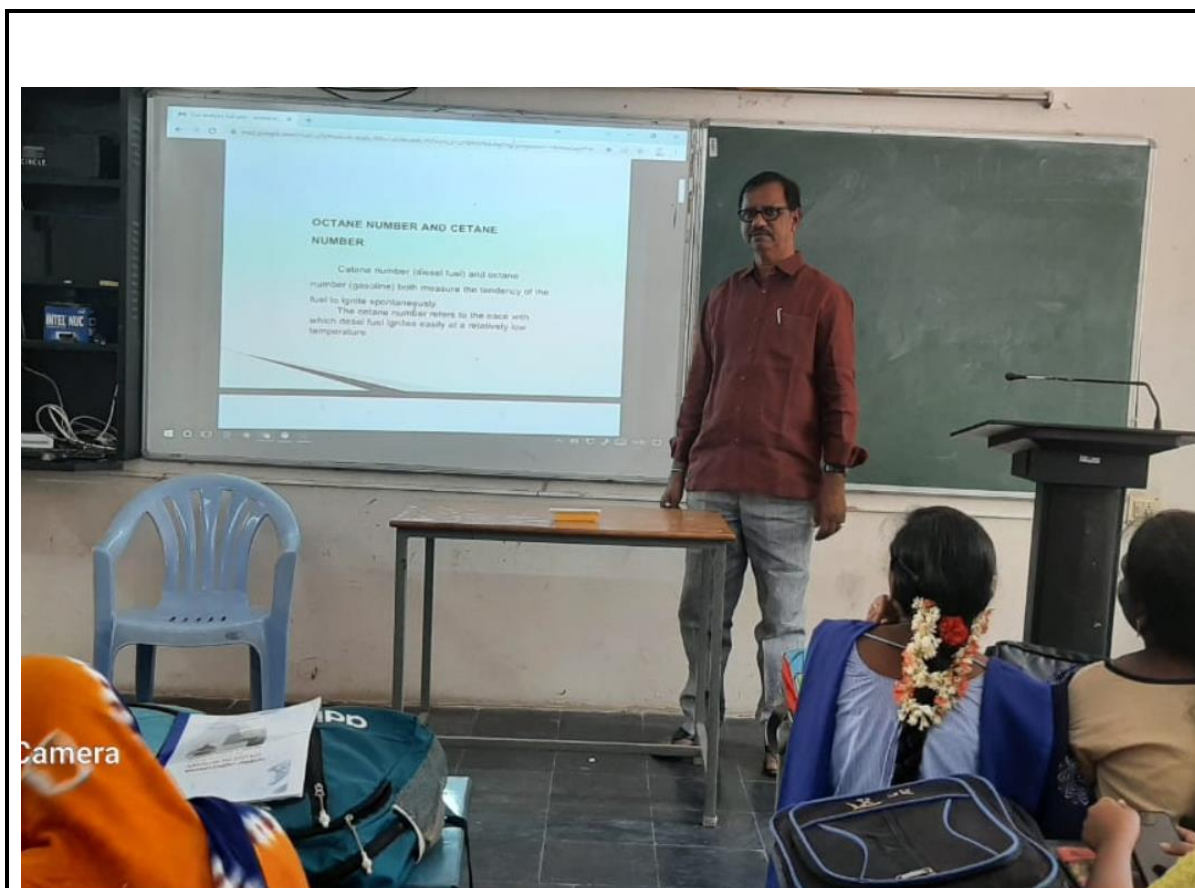


NAME	Mrs. A. Aruna
DESIGNATION	Guest Lecturer in Tourism
TOPIC	Dance Forms
Cos/LEARNING OBJECTIVES:	To create the students about the dance forms
TEACHING METHODS ADOPTED	Interaction Method [PPT]
GROUP/SEMESTER	III B.A{TTM) – VI SEM
APPLICATION	Stage performance

## Department of Chemistry



Name of the Lecturer	L.SUDHEERA
Designation	Lecturer in Chemistry
Topic	IR Spectroscopy
Course Outcome/Learning Objective	To analyze the spectroscopic techniques to determine the organic molecules
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	II Bt.Z.C/Semester-III
Application	To determine the structure of organic molecules



Name of the Lecturer	Dr.N.Anand Kumar Reddy
Designation	Lecturer in Chemistry
Topic	Fuels and Gases
Course Outcome/Learning Objective	To learn about the combustion and emission values of different fuels
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	III B.Z.C/Semester-VI
Application	To determine the quality of fuels gases



Name of the Lecturer	Dr.K.Nagamuni Reddy
Designation	Lecturer in Chemistry
Topic	Noise Pollution
Course Outcome/Learning Objective	To learn about the effects of noise pollution
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	III B.M.C/Semester-VI
Application	Environmental monitoring and sustainability



Name of the Lecturer	D. Winnie Teja
Designation	Lecturer in Chemistry
Topic	Arrhenius Equation
Course Outcome/Learning Objective	To learn about the effect of temperature on rate of reaction
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	III B.Z.C & III M.P.C/Semester-V
Application	Determining the rate of a chemical reaction and also plays a major role in calculating the energy of activation.



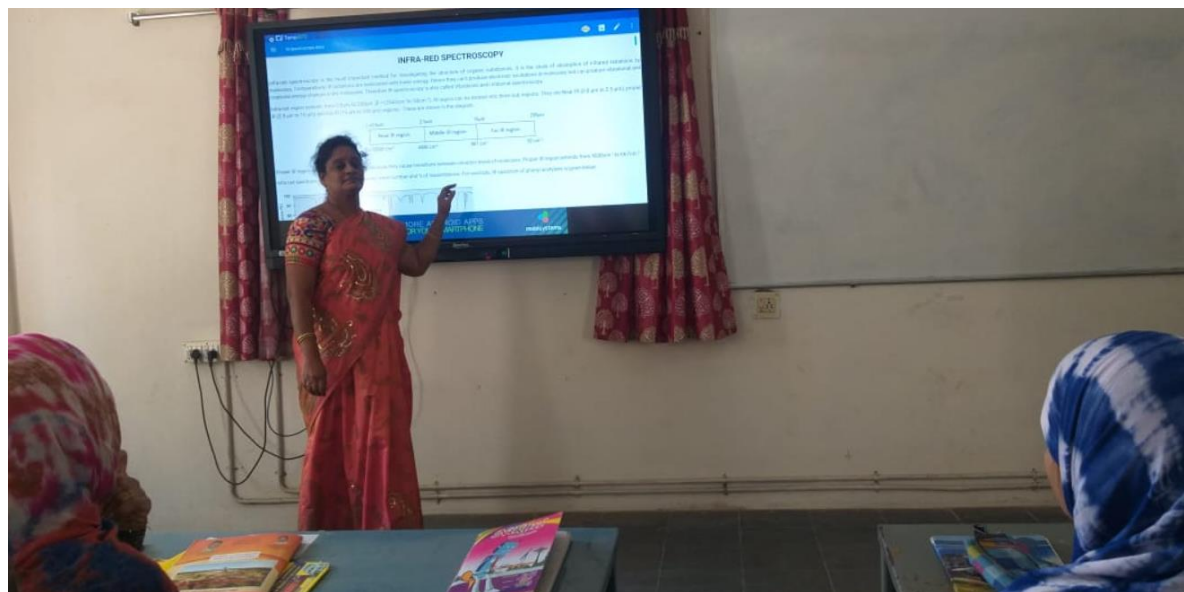
Name of the Lecturer	D. Winnie Teja
Designation	Lecturer in Chemistry
Topic	Total Fatty Matter and Alkali content in Soaps
Course Outcome/Learning Objective	To analyze the total fat content and alkaline content in soaps
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	III B.Sc Cluster/Semester-VI
Application	Analysis of applied industrial products



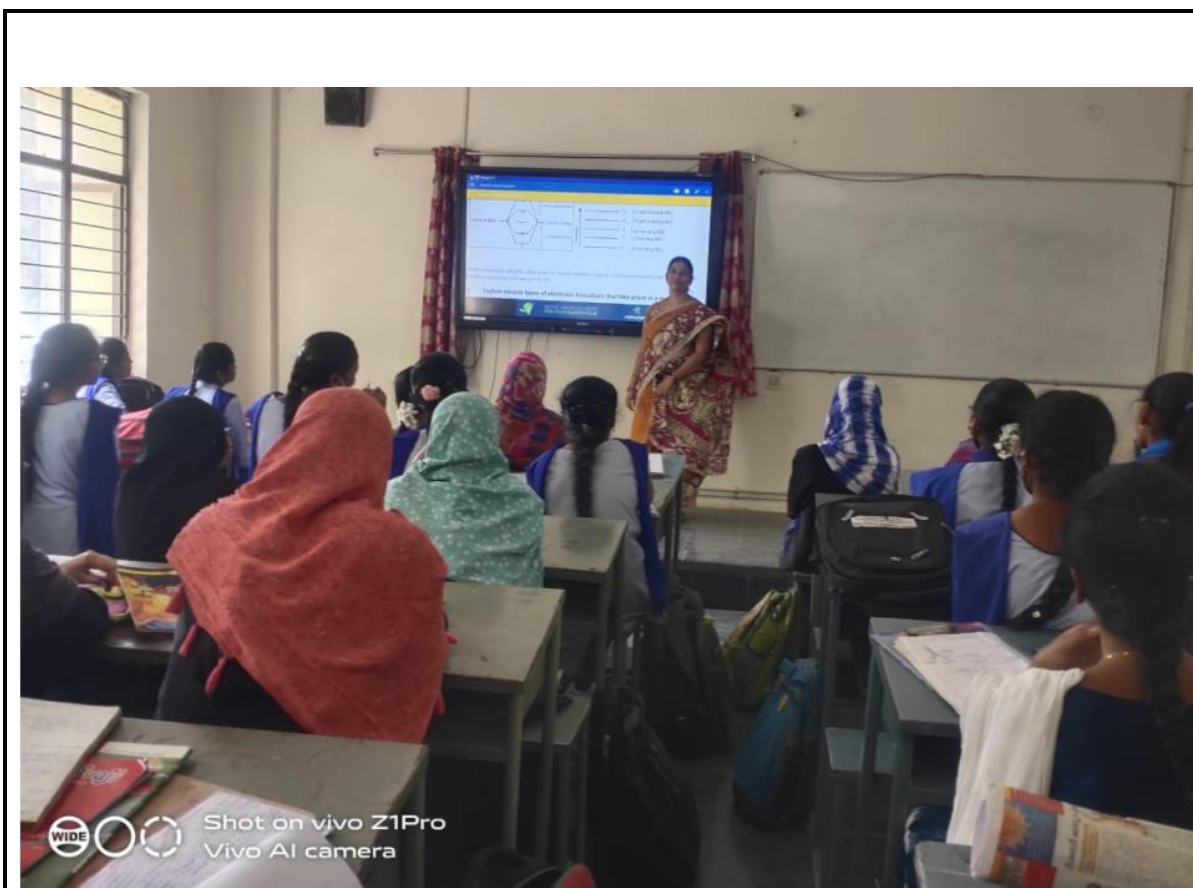
Name of the Lecturer	J.Mary Suguna
Designation	Lecturer in Chemistry
Topic	Laws of Spectrophotometry
Course Outcome/Learning Objective	To explain the Lambert-Beer's Laws
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	II Bt.Z.C/Semester-III
Application	Quantitative estimation of Different metal ions in solutions



Name of the Lecturer	Dr.A.L.V Ramana Reddy
Designation	Lecturer in Chemistry
Topic	Hydrocarbons
Course Outcome/Learning Objective	To understand the basic concepts of organic chemistry
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	II B.Z.C TM/Semester-III
Application	Structure and properties of saturated and unsaturated hydrocarbons



Name of the Lecturer	V.Madhavi
Designation	Lecturer in Chemistry
Topic	IR Spectroscopy
Course Outcome/Learning Objective	To analyze the spectroscopic techniques to determine the organic molecules
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	II B.Z.C TM/Semester-III
Application	To determine the structure of organic molecules

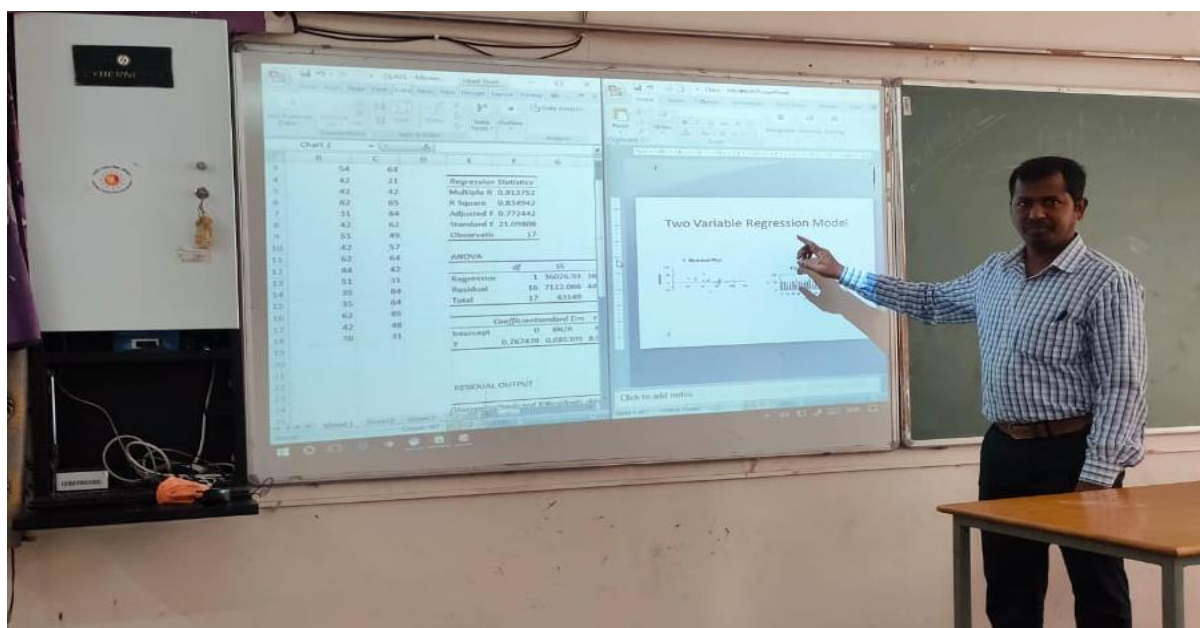


Name of the Lecturer	V.Hima Kumari
Designation	Lecturer in Chemistry
Topic	Electronic Transitions
Course Outcome/Learning Objective	To analyze different types of electronic transitions in unsaturated organic molecules
Teaching Methods Adopted	Interactive Teaching using PowerPoint presentation
Group/Semester	II B.Z.C & II B.H.C /Semester-III
Application	To determine the structure of organic molecules

## Department of Statistics



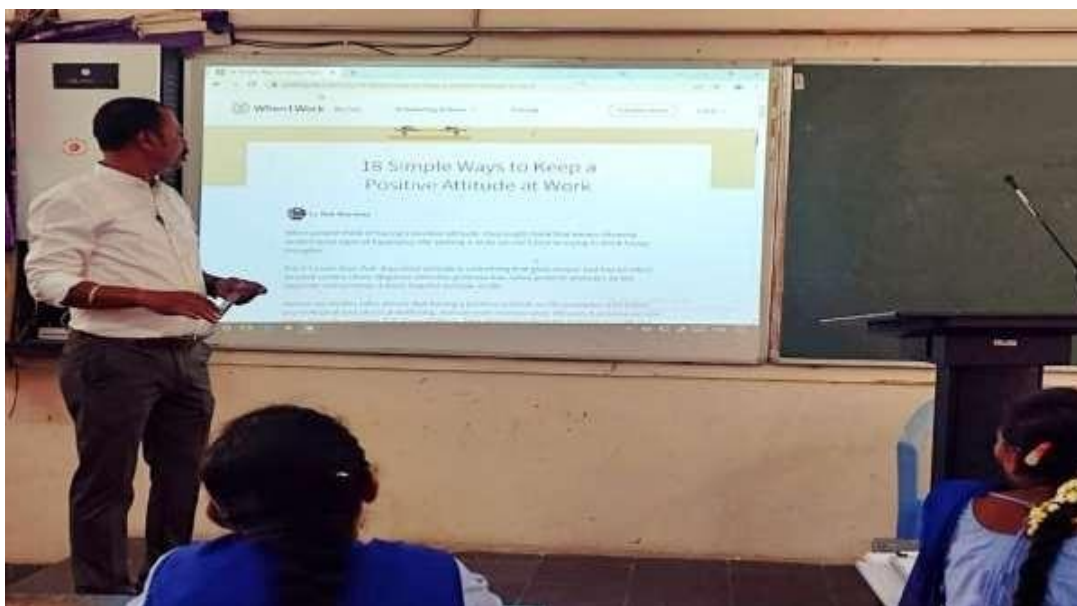
NAME	T.Sreenivas
DESIGNATION	Lecturer in Statistics
TOPIC	Small Sample Test
Cos/LEARNING OBJECTIVES	To learn how to apply the five-step test procedure for test of hypotheses concerning a population mean when the sample size is small.
TEACHING METHODS ADOPTED	Interaction method [PPT]
GROUP/SEMESTER	II BSc (No of Students 26)
APPLICATION	Field: Medical and Clinical Trails



NAME	N Raghavendra
DESIGNATION	Lecturer in Statistics
TOPIC	Two Variable Regression Model
Cos/LEARNING OBJECTIVES	to explain variability in dependent variable by means of one or more of independent or control variables
TEACHING METHODS ADOPTED	Interaction method [PPT]
GROUP/SEMESTER	III BSc (No. of Students 27)
APPLICATION	Regression analysis is used to estimate the relationship between a dependent variable and one or more independent variables  Field Marketing Research, Etc..



NAME:	Dr.Y.RAJANARAYANA
DESIGNATION:	Lecturer in English
TOPIC:	SWOT ANALYSIS
TEACHING METHOD:	Interactive method
GROUP/SEM:	IB.A(H.E.P)
APPLICATION	Assessing themselves and to know about their strength, weakness, opportunities and challenges. They will also be ready to ace anything accordingly.



NAME:	Dr.N. RAJAGOPAL REDDY
DESIGNATION	LECTURER IN ENGLISH
TOPIC:	POSITIVE ATTITUDE
Cos/LEARNINGOBJECTIVES	It helps the students to inculcate the habit of looking at the brighter side of the problem
TEACHINGMETHOD:	INTERACTIVE
GROUP/SEM	III SEM IIYR MSCS
APPLICATION:	Facing difficulties in a positive manner.

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NAME	M.VENKATESULU
DESIGNATION:	Lecturer in English
TOPIC:	LISTENING SKILLS
Cos/LEARNING OBJECTIVES:	To enhance the student ability to understand the matter in a better way and make them a better communicator.
TEACHINGMETHOD:	INTERACTIVE METHOD
APPLICATION:	Better communicator in different context and to be an effective listener.