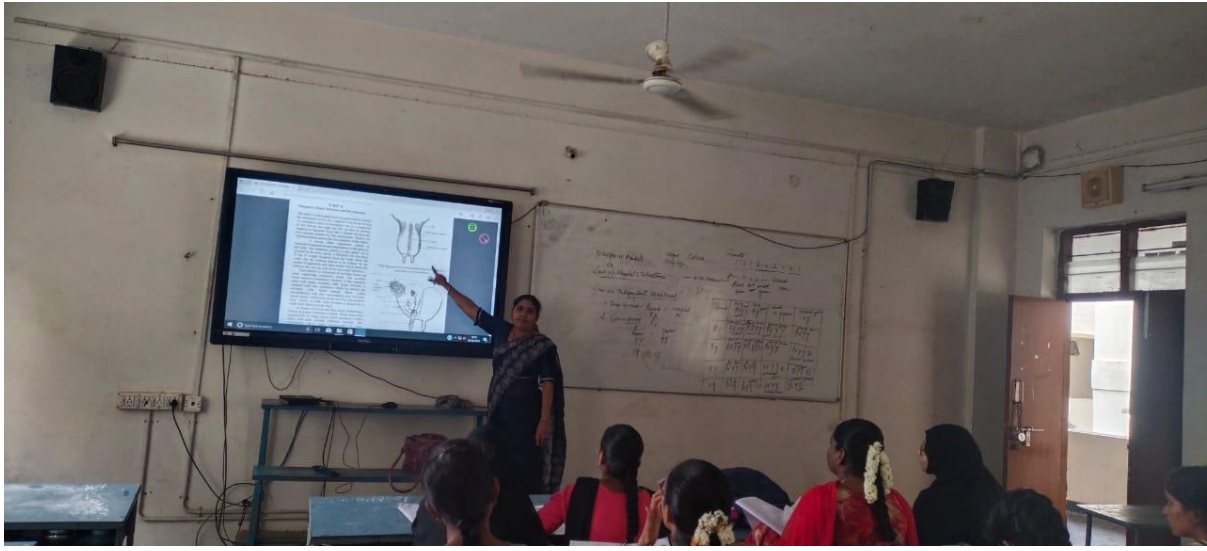


Teachers use ICT – enabled tools including online resources for effective teaching and Learning.

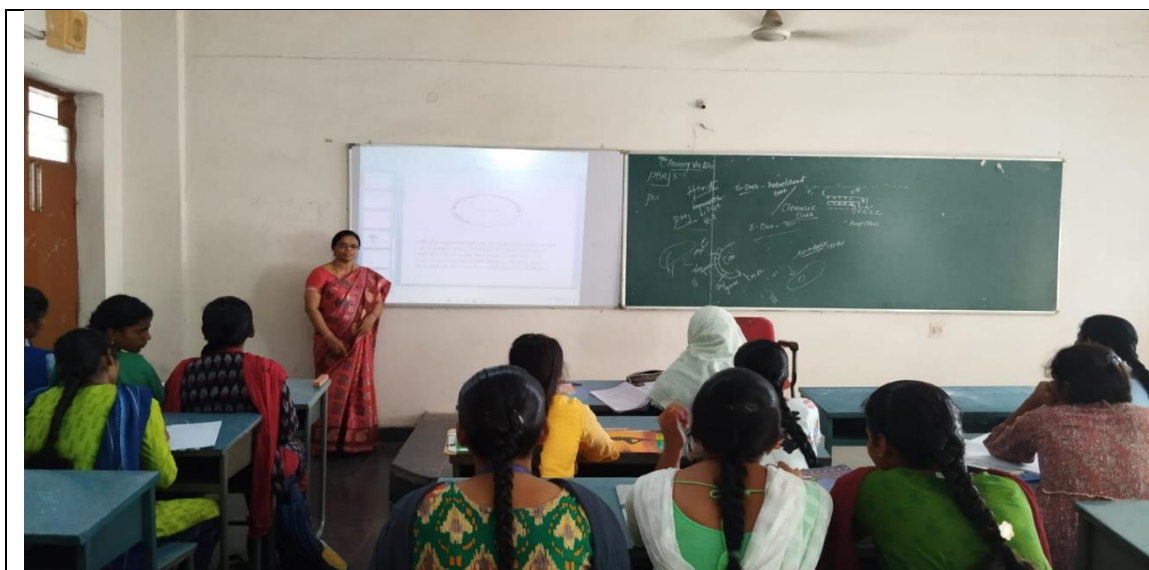
DEPARTMENT OF ZOOLOGY



NAME	Dr. P. Sachi Devi
DESIGNATION	Lecturer in Zoology
TOPIC	Types of Milk Homogenisers
COs/LEARNING OBJECTIVES	To learn the Def. of Homogenisation & types of homogenisers.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III Bt.Z.C – V SEM
APPLICATION	Dairy Production & Management.



NAME	R.VAHIDA
DESIGNATION	Lecturer in Zoology
TOPIC	Anatomy of udder and its development
COs/LEARNING OBJECTIVES	To learn the Difference between lactogenesis and galactopoiesis
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III Bt.Z.C – V SEM
APPLICATION	Biology of dairy animals



NAME	Dr. M Noor Rizwana
DESIGNATION	Lecturer in Zoology
TOPIC	CLONING VECTORS
Cos/LEARNING OBJECTIVE	TO ENABLE STUDENTS ABOUT CLONING VECTORS AND THEIR APPLICATIONS
TEACHING METHOD ADOPTED	Participative learning [PPT]
GROUP/ SEMESTER	BSC MAJOR ZOOLOGY, 3 - SEMESTER
APPLICATION	ANIMAL BIOTECHNOLOGY



NAME	Dr. G. Meena Kumari
DESIGNATION	Lecturer in Zoology
TOPIC	Shark Digestive System
COs/LEARNING OBJECTIVES	To know about the Digestive system of the Shark
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II B.Sc. Major Zoology III Sem
APPLICATION	Animal Diversity II Biology of Chordates

DEPARTMENT OF MATHEMATICS



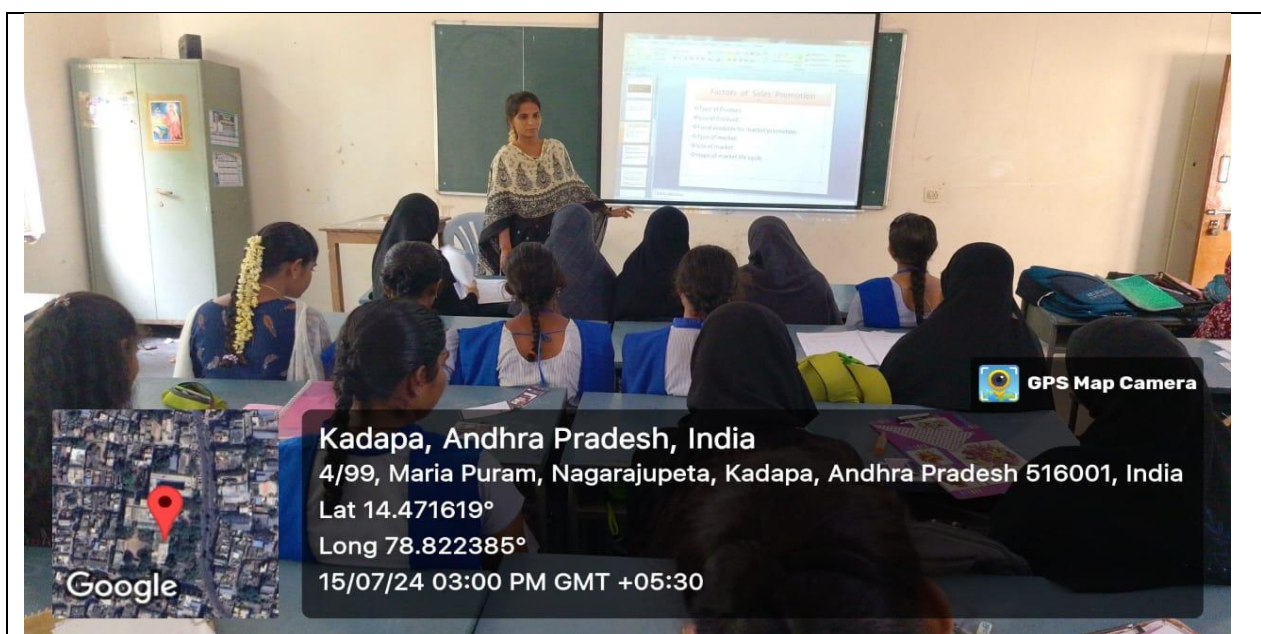
Name	Dr. K. Shalini
Designation	Lecturer in Mathematics
Topic	Numerical Methods
COs/Learning Objectives	To find roots of linear and non-linear system (algebraic and transcendental) equations, fit polynomials to a given set of data points, solve differential and integral equations numerically
Teaching Methods Adopted	Problem solving method.
Group/Semester	II BSc Mathematics Honours
Application	Weather Forecasting · Engineering Design · Financial Modeling · Image Processing · Drug Development.

DEPARTMENT OF MATHEMATICS



Name	Dr. B. Swaroopa
Designation	Lecturer in Mathematics
Topic	Applications of Higher order Linear Differential Equations
COs/Learning Objectives	To learn about the First and higher order Linear Differential Equations and its Applications.
Teaching Methods Adopted	Explanation, Interactive and Questioning Methods
Group/Semester	II BSc MPCS
Application	First and higher order Linear Differential Equations Are applied in solving the problems on Natural growth and decay, Newton's law of cooling and Electrical Circuits.

DEPARTMENT OF COMMERCE



NAME	V.SUSHMA
DESIGNATION	Lecturer in Commerce
TOPIC	Factors influencing of Sales Promotion
COs/LEARNING OBJECTIVES	To learn the basic Rules of Sales Promotion
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III.B.COM – V SEM
APPLICATION	Sales promotion and Practice

DEPARTMENT OF COMMERCE



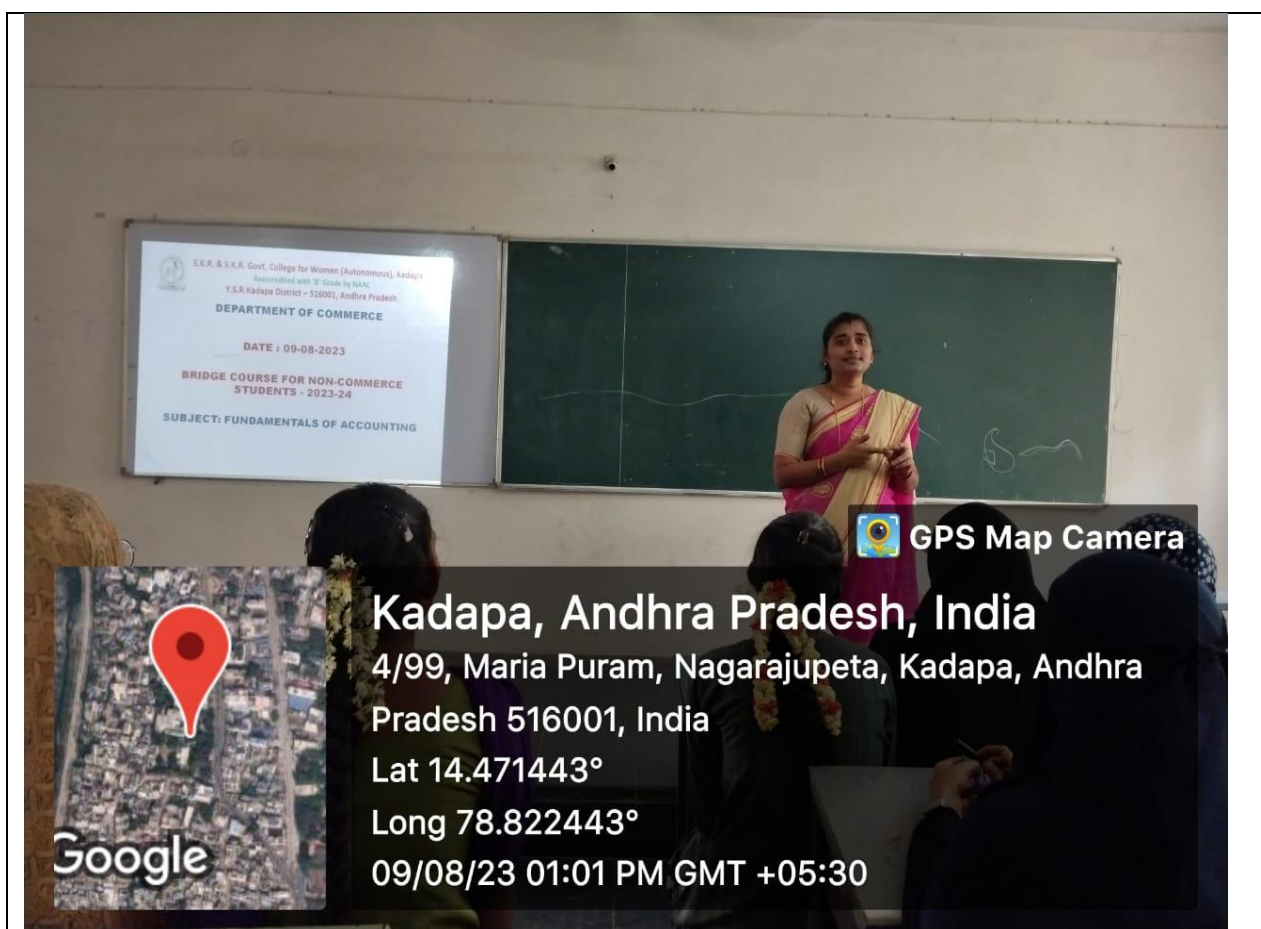
NAME	O. KHAJA MOHIDEEN
DESIGNATION	Lecturer in Commerce
TOPIC	Trial balance
COs/LEARNING OBJECTIVES	To determine the accuracy of the ledger accounts and identify errors in recording of transactions
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	I.B.COM /II SEM
APPLICATION	Trial balances are used to prepare balance sheets and other financial statements

DEPARTMENT OF COMMERCE



NAME	G.NAZNEEN BEGUM
DESIGNATION	Lecturer in Commerce
TOPIC	Types of advertising Media
COs/LEARNING OBJECTIVES	To know the types of Advertising Media available for Companies to Advertising their Brands
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III.B.COM – V SEM
APPLICATION	Advertising & Media Planning

DEPARTMENT OF COMMERCE



NAME	V.ARUNA
DESIGNATION	Lecturer in Commerce
TOPIC	Types of Accounts
COs/LEARNING OBJECTIVES	To learn the basics of Accounts
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	I.B.COM – I SEM
APPLICATION	FUNDAMENTALS OF ACCOUNTS

2.3.2 Teachers use ICT enabled tools including online resources for effective Teaching and learning process.

DEPARTMENT OF BIOCHEMISTRY



NAME : P.LAVEENA
DESIGNATION : Guest Lecturer in Biochemistry
TOPIC : Diabetes Mellitus
Cos/LEARNING OBJECTIVES : To learn about the Life style Disease
TEACHING METHODS ADOPTED : Participative learning [PPT]

GROUP/SEMESTER : III BMC-V- SEM

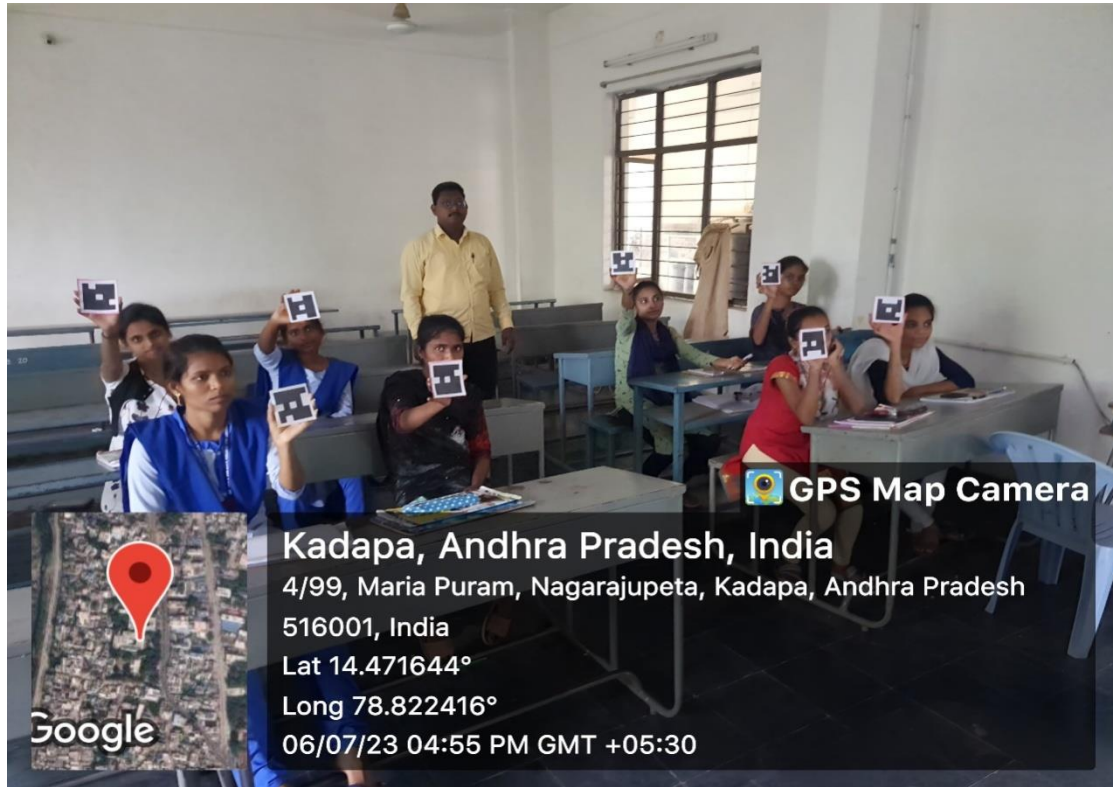
DATE : 6-03-2023

APPLICATION :

- Understand the normal physiology of glucose regulation and insulin function.
- Describe the types of diabetes,
- explain the causes and risk factors for diabetes
- Identify the signs and symptoms of diabetes
- Understand the management and treatment options for diabetes
- Describe the complications of uncontrolled diabetes

Conclusion: By achieving these learning objectives, students will gain a comprehensive understanding of Diabetes

DEPARTMENT OF HORTICULTURE



NAME	T. SHALEM
DESIGNATION	Lecturer in Horticulture
TOPIC	Identification of Various diseases in Horticultural crops
COs/LEARNING OBJECTIVES	To identify different types of diseases that attack plants in general
TEACHING METHODS ADOPTED	Assessment through Plickers
GROUP/SEMESTER	II B.C.H – V SEM
APPLICATION	Individual assesment

DEPARTMENT OF HISTORY



NAME	P. NAGAVENI
DESIGNATION	Lecturer in History
TOPIC	Indian Heritage Sites
COs/LEARNING OBJECTIVES	Know the Basics of Tourism and Hospitality Services.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III B. A. V SEM



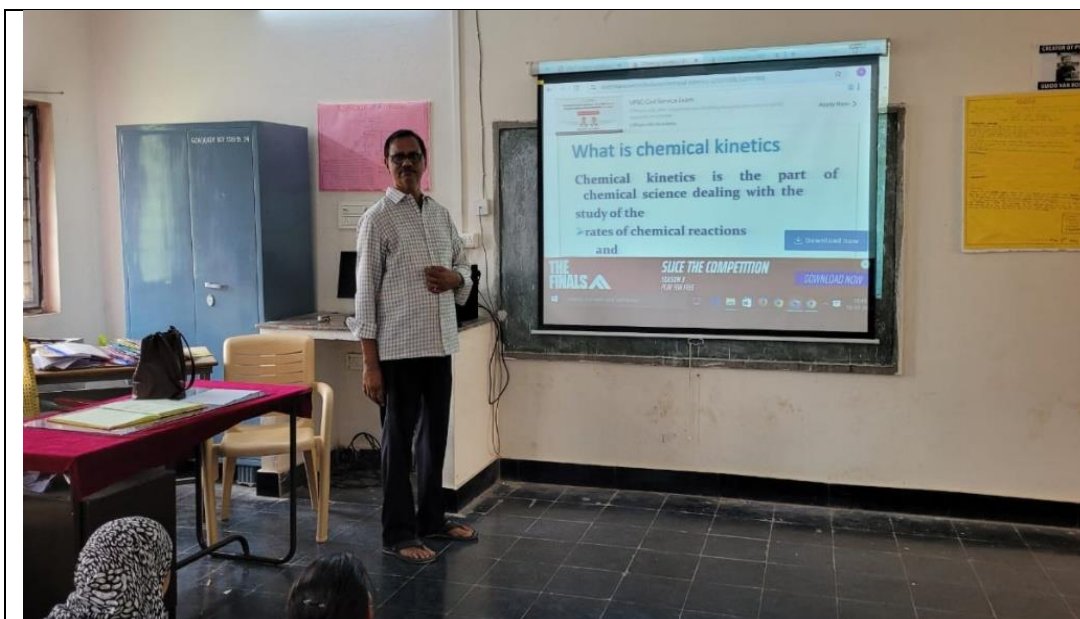
NAME	C.RAVI SEKHARA REDDY
DESIGNATION	Lecturer in History
TOPIC	Indian Heritage Sites
COs/LEARNING OBJECTIVES	Rise above petty parochial issues after understanding the sacrificial saga of freedom struggle.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II B. A. III SEM
APPLICATION	Modern Indian History and Culture

DEPARTMENT OF MICROBIOLOGY



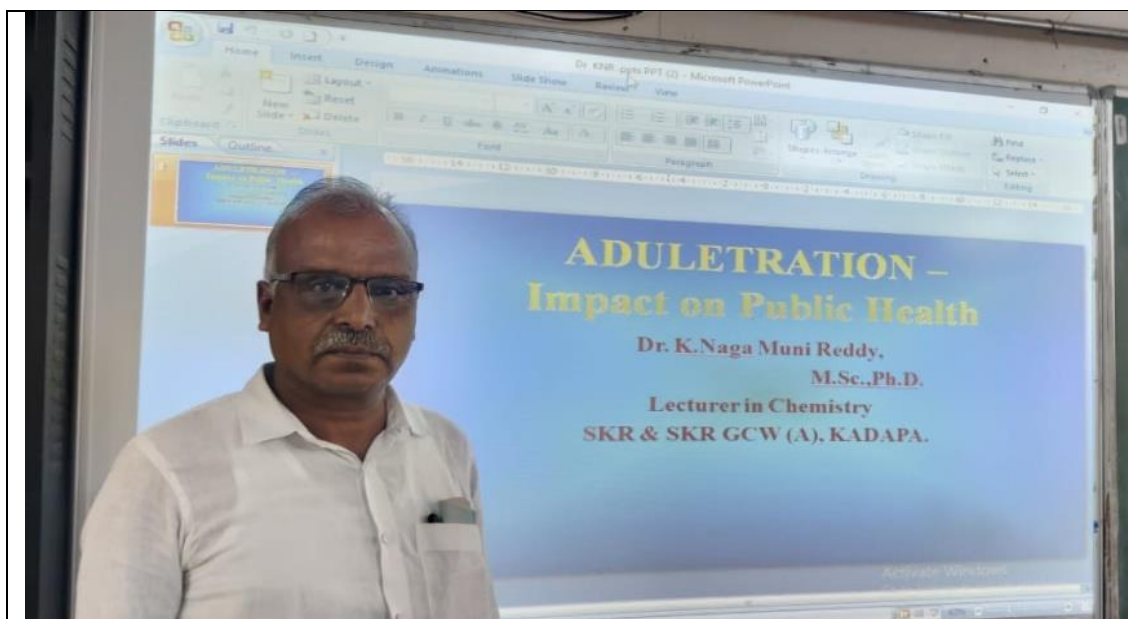
Name of the Faculty	: Dr. B. Priyadarsini
Designation	: Lecturer in Microbiology
Topic	: Lymphoid organs of immune system
Cos/ Learning Objectives	: To understand the organs and tissues that are involved in immune responses.
Teaching methods adapted	: Participative learning by PPT.
Group/ Semester	: III B.M.C. Semester V
Date	: 12-02-2024

DEPARTMENT OF CHEMISTRY



NAME	Dr.N.Anandkumar Reddy
DESIGNATION	Lecturer in Chemistry
TOPIC	CHEMICAL KINETICS
COs/LEARNING OBJECTIVES	To learn about order and molecularity of reactions
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II BZC , BCH IV SEM
APPLICATION	Applications of reaction kinetics in every day life

DEPARTMENT OF CHEMISTRY



NAME	Dr.K.Nagamuni reddy
DESIGNATION	Lecturer in Chemistry
TOPIC	Food Adulteration
COs/LEARNING OBJECTIVES	To get basic knowledge on various foods and about Adulteration
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	I BMC II SEM
APPLICATION	Quality of food products for economic advantage

DEPARTMENT OF CHEMISTRY



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.

DEPARTMENT OF CHEMISTRY

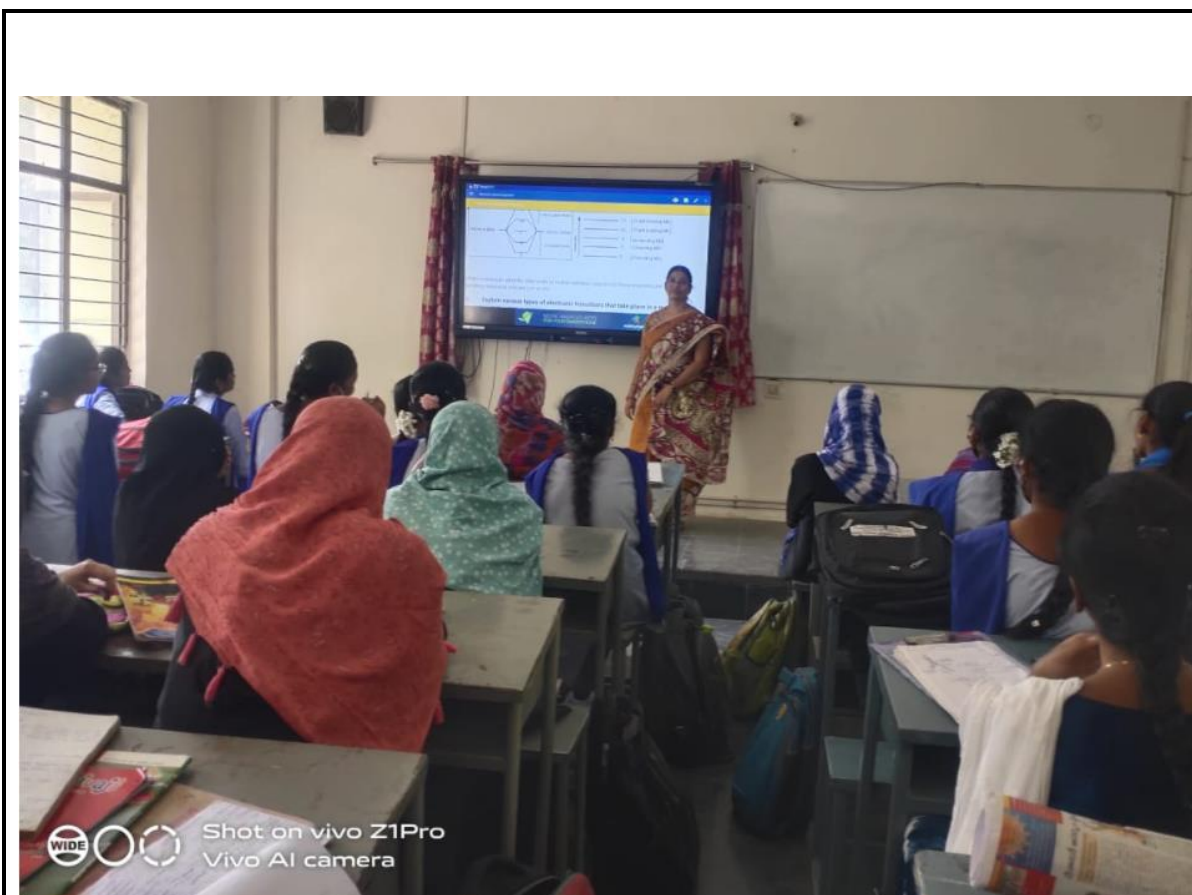


NAME	V.Madhavi
DESIGNATION	Lecturer in Chemistry
TOPIC	Carbonyl compounds
COs/LEARNING OBJECTIVES	The mechanism of nucleophilic addition reactions of carbonyl compounds
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II BZC,BCH III SEM
APPLICATION	Applications of carbonyl compounds in different sectors such as pharmaceutical, food and cosmetics.

DEPARTMENT OF CHEMISTRY



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.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 ENGLISH



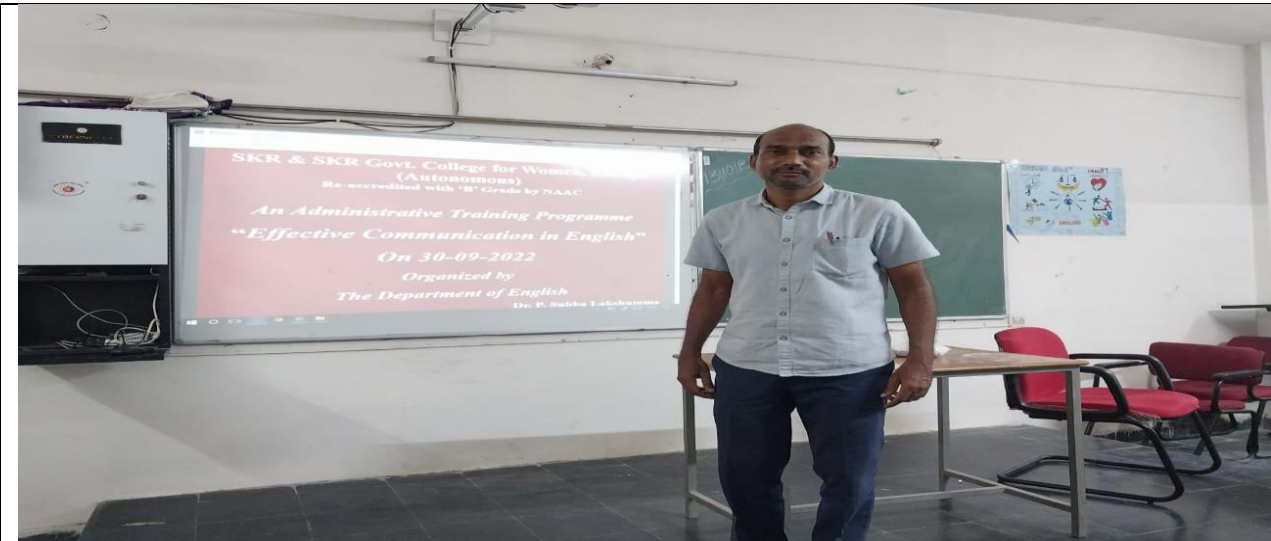
NAME	P.Sujatha
DESIGNATION	Lecturer in English
TOPIC	Phonetics
COs/LEARNING OBJECTIVES	To recognize familiar and unfamiliar sounds, improves pronunciation skills
TEACHING METHODS ADOPTED	Participatory Learning
GROUP/SEMESTER	I B. A. Special English, Urdu & Political Science
APPLICATION	Speaking Skills

DEPARTMENT OF ENGLISH



NAME	G.P.AshaLatha
DESIGNATION	Lecturer in English
TOPIC	Tenses
COs/LEARNING OBJECTIVES	To make the students learn to differentiate between the present, past and future tenses
TEACHING METHODS ADOPTED	Deductive Approach
GROUP/SEMESTER	I B. Com (Computer Applications)
APPLICATION	It is used to describe actions that happen at different times in our daily life.

DEPARTMENT OF ENGLISH



NAME	Y.Rajnarayana
DESIGNATION	Lecturer in English
TOPIC	Effective Communication in English
COs/LEARNING OBJECTIVES	Why communication is very important Communication skills are very important now a days in all fields especially in job oriented areas.
TEACHING METHODS ADOPTED	ICT Method, PPT Presentation
GROUP/SEMESTER	I B.A, T.T.M, H.E.P, I Semester
APPLICATION	Communication skills play an important role in day today life of every one.

DEPARTMENT OF ENGLISH



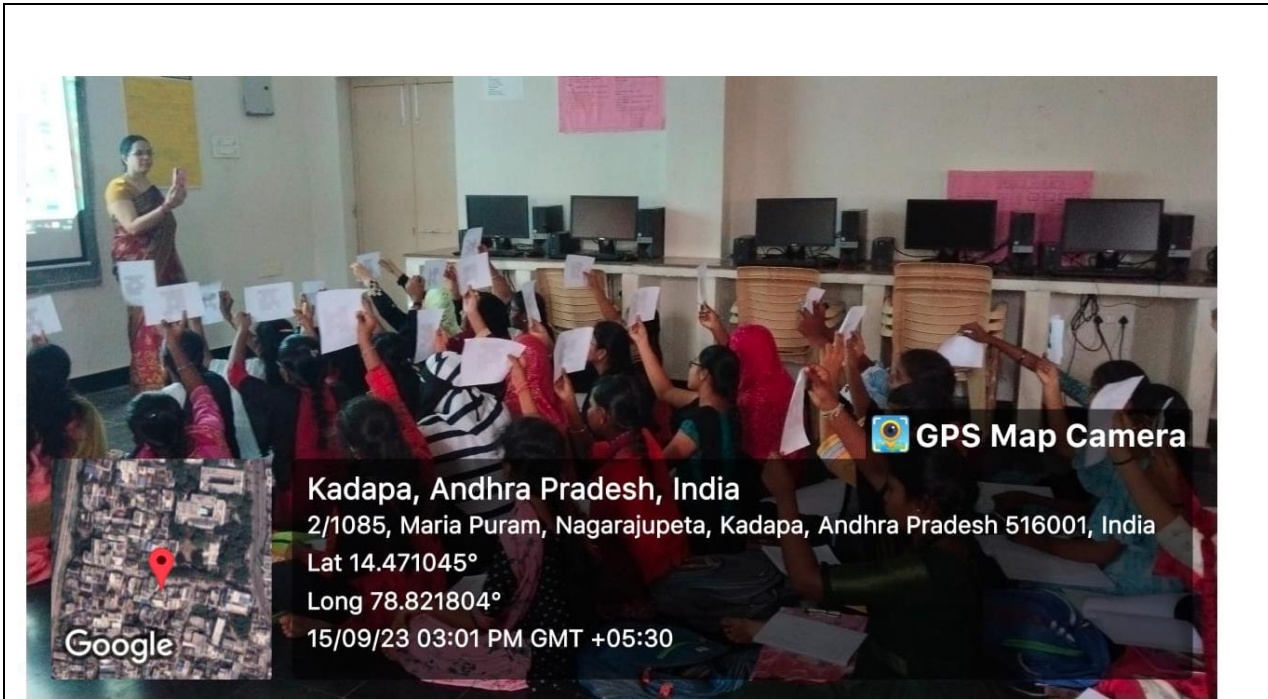
NAME	B.Kesava Reddy
DESIGNATION	Lecturer in English
TOPIC	Communication Skills
COs/LEARNING OBJECTIVES	To encompass the ability to convey thoughts, ideas, and feelings with clarity and empathy
TEACHING METHODS ADOPTED	Communicative Language Teaching
GROUP/SEMESTER	I B. Com (General)
APPLICATION	Speaking Skills

DEPARTMENT OF ENGLISH

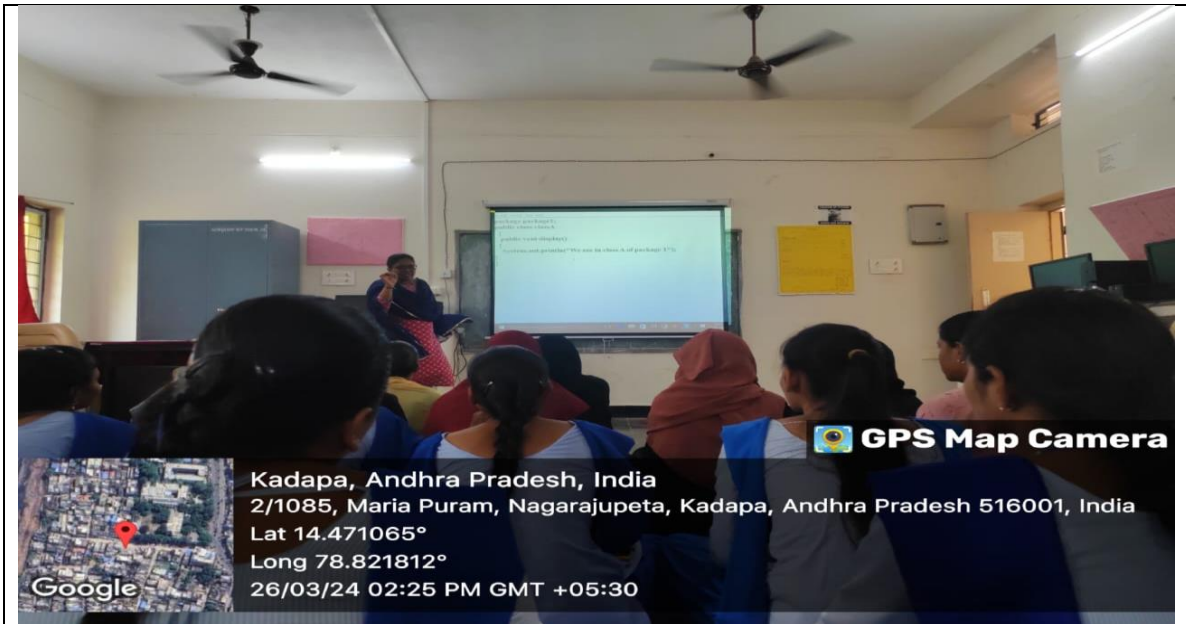


NAME	G.Azmathulla
DESIGNATION	Lecturer in English
TOPIC	Life and Career of R.K.Narayan
COs/LEARNING OBJECTIVES	<p style="text-align: center;">To know about the life history of R.K.Narayan.</p> <p style="text-align: center;">To know about his style of writing in Indian Tradition.</p> <p style="text-align: center;">Morals in his short stories. To know Indian way of living in Rural areas. In his stories Malgudi plays the central character in his stories.</p>
TEACHING METHODS ADOPTED	PPT presentation, Participative learning
GROUP/SEMESTER	I BSC Botany, Zoology, I Semester
APPLICATION	Communication skills plays an important role in day today life of every one.

DEPARTMENT OF COMPUTER SCIENCE



NAME	A.Haritha
DESIGNATION	Lecturer in Computer Science
TOPIC	Quiz on Stacks in DS using Plickers
COs/LEARNING OBJECTIVES	Conducted Quiz on Stacks in DS using Plickers
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II B.Sc Computer Science – III SEM
APPLICATION	Stacks are used for converting infix expression to postfix and prefix expression, evaluation of postfix expression.



Name	Dr. C V Krishnaveni
Designation	Lecturer in Computer Science
Topic	Structure of Java Program, Compilation and Execution, Packages
COs/Learning Objectives	To learn the structure of Programming in Java, Commands to save, compile and execute the program. User Defined Packages Creation and Importing.
Teaching Methods Adopted	Explanation and Interactive Methods Demonstrated how to create a package in java, saving, compiling and executing it.
Group/Semester	II BSc
Application	Packages are used to combine collection of classes. User Defined Packages and Built-In Packages are available in Java.



Name	M. MANJULA DEVI
Designation	Lecturer in Computer Science
Topic	Structure of HTML Program, TAGS in HTML
COs/Learning Objectives	To learn the structure of HTML Programme, various tags to be used in HTML.
Teaching Methods Adopted	Explanation and Interactive Methods Demonstrated how to create a Document in HTML saving, and executing it.
Group/Semester	III B.Sc.
Application	HTML uses predefined tags and attributes to instruct the browser on how to display content, including formatting, style, font size, and images.



Name	K.Ramya Smitha
Designation	Lecturer in Computer Science
Topic	E-Commerece Models
COs/Learning Objectives	To learn the E commerce Defination
Teaching Methods Adopted	Explanation and Interactive Methods Demonstrated how to work E commerce Models
Group/Semester	III B.Com(C.A)
Application	E commerce Models to instruct how to display content,



NAME	P.U.S.Madhuri
DESIGNATION	Lecturer in Computer Science
TOPIC	C Tokens
COs/LEARNING OBJECTIVES	Learn about C Tokens
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	I B.Sc Computer Science – II SEM
APPLICATION	C Tokens are pre-defined or reserved words. Each keyword is meant to perform a specific task.



NAME	M.Lavanya
DESIGNATION	Lecturer in Computer Science
TOPIC	Functions in PHP
COs/LEARNING OBJECTIVES	Learn about PHP Functions
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III B.Sc Computer Science – V SEM
APPLICATION	<p>PHP Functions are used to perform a specific task. PHP Functions are Two Types</p> <p>1.Pre-Defined Functions</p> <p>2.User Defined Functions</p>



NAME	M.Subhanjali
DESIGNATION	Lecturer in Computer Science and Applications
TOPIC	Real Time Governance System in AP
COs/LEARNING OBJECTIVES	Understand the concept of Real-Time Governance and its importance.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III BA CA – V SEM
APPLICATION	Interbank Transfers: RTGS facilitates the transfer of funds between banks, enabling real-time settlement of transactions.

DEPARTMENT OF BIOTECHNOLOGY



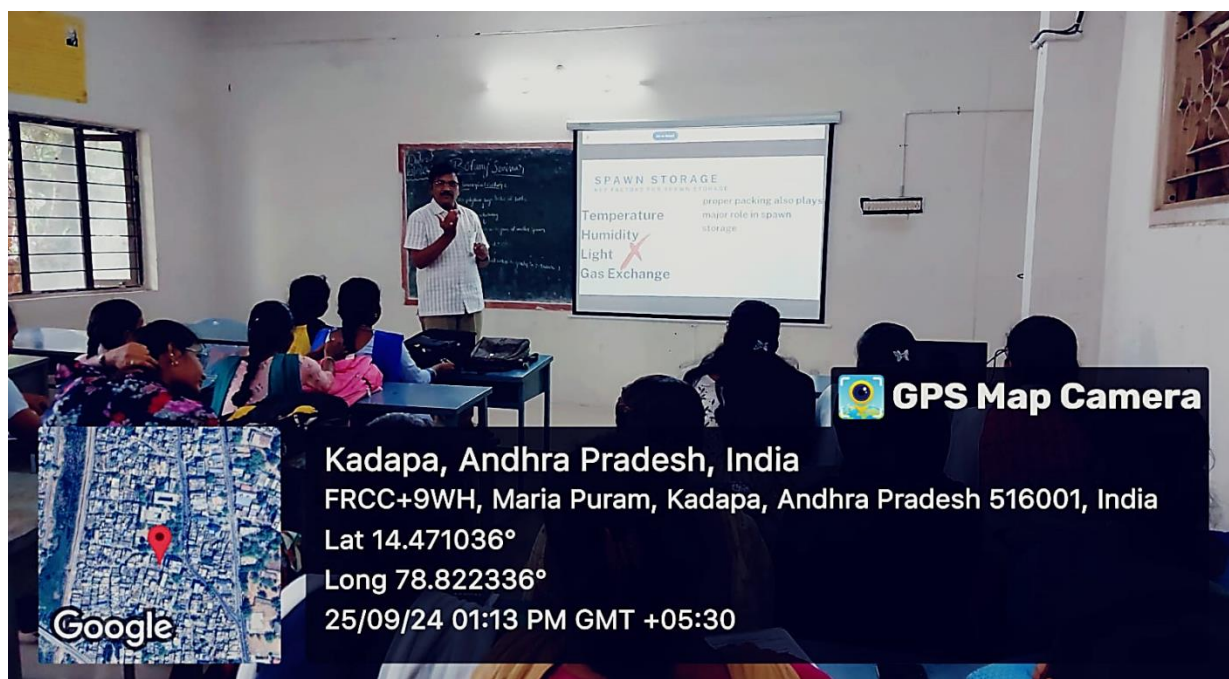
NAME	S.SivaGowri
DESIGNATION	Lecturer in Biotechnology
TOPIC	Immunoglobulins and its classification
COs/LEARNING OBJECTIVES	To learn about of the structural classification of immunoglobulin and its functions
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	IIBt.Z.C – III SEM Paper-3 Immunology and r DNA Technology
APPLICATION	Structure and functions of immunoglobulins
Date	04/10/2023

DEPARTMENT OF PHYSICS



NAME	Dr. M.V.Ramanaiah
DESIGNATION	Reader in Physics
TOPIC	Uni Junction Transistor – Construction & Working
COs/LEARNING OBJECTIVES	To know about the structure and working of transistors
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	II B.Sc – Physics – V SEM
APPLICATION	Used in Amplifiers and Oscillators

DEPARTMENT OF BOTANY



Name	Dr.P.SUBRAMANYAM
Designation	Lecturer in Botany
Topic	MushroomCultivation
Cos/Learning Objectives	To learn types and production process of Spawn-Storage
Teaching Methods Adopted	Question & Answer and InteractiveMethods With Power Point Presentation
Group/Semester	III BZC
Application	<p>Mushroom cultivation is a fascinating and profitable venture with numerous applications. By understanding the types and production processes of spawn, they can effectively cultivate various mushroom species.</p> <p>By mastering the knowledge and skills gained from this course, they can successfully cultivate mushrooms and contribute to sustainable agriculture, food security, and human health.</p>

DEPARTMENT OF ECONOMICS



Name	Dr.G.Vijaya Lakshmi Devi
Designation	Lecturer in Economics
Topic	Structure of Markets
Cos/Learning Objectives	To learn the types of Markets and marketing methods
Teaching Methods Adopted	Explanation and Interactive Methods With Power Point Presentation
Group/Semester	I BA
Application	How the firms are differentiated and categorised based on the types of goods.

DEPARTMENT OF ECONOMICS



NAME	Dr. M. Guru Mohan Reddy
DESIGNATION	Lecturer in Economics
TOPIC	Political Economy
COs/LEARNING OBJECTIVES	Understanding Economic Systems Promoting Sustainable Development
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	I BA Economics Honours – I SEM
APPLICATION	For Economic Policy Making & International Relations

DEPARTMENT OF POLITICAL SCIENCE



NAME	M.VEERABHADRAIAH
DESIGNATION	Lecturer in Political science
TOPIC	National youth parliament participation
COs/LEARNING OBJECTIVES	Youth Parlements help students develop fundamental democratic ideals and understand how democratic institutions functions.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III BA (H.E.P)
APPLICATION	Indian Government and Politics.

DEPARTMENT OF POLITICAL SCIENCE



NAME	M.VEERABHADRAIAH
DESIGNATION	Lecturer in Political science
TOPIC	Right to vote
COs/LEARNING OBJECTIVES	Voter awareness.
TEACHING METHODS ADOPTED	Participative learning [PPT]
GROUP/SEMESTER	III BA (H.E.P)
APPLICATION	Indian Government and Politics.

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



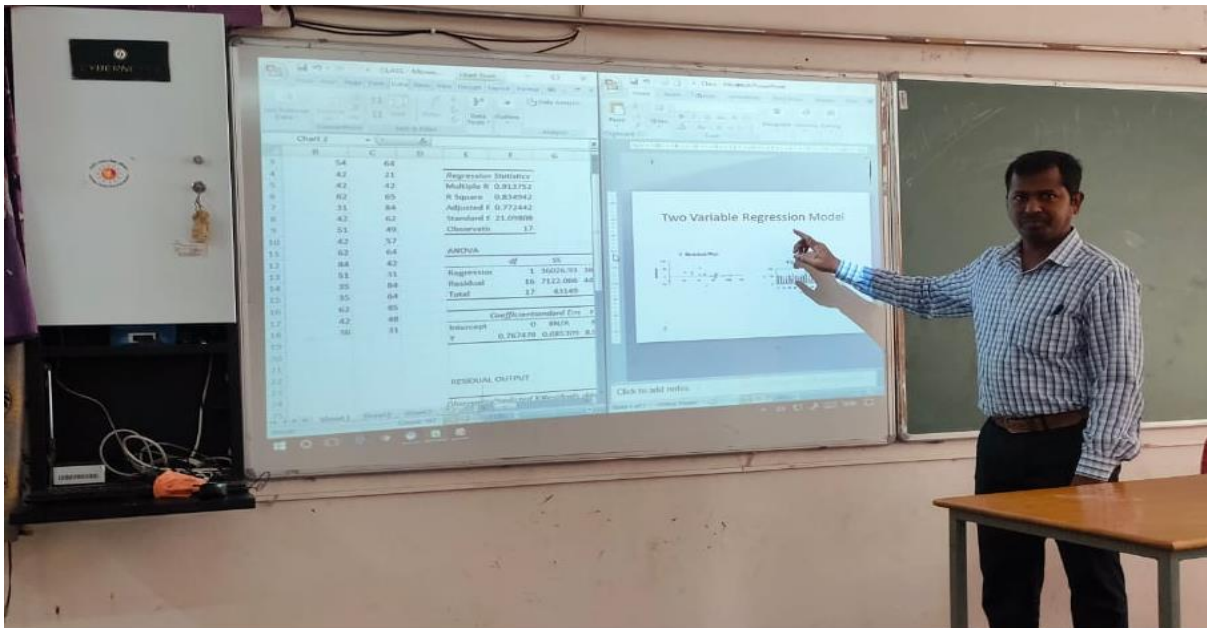
NAME :	P.Sartaj Begum
DESIGNATION :	Lecturer in Urdu
TOPIC :	Rubiyakaagaz o Irtakha
Cos/LEARNING OBJECTIVES :	To learn about the Rubiyath
TEACHING METHODS ADOPTED	Interaction method [PPT]
GROUP/SEMESTER :	III B.A{UM) – VI SEM
APPLICATION :	Urdu poetry -Rubayi - agaz o Irtakha etc.

DEPARTMENT OF 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 STATISTICS



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..