GOVERNMENT DEGREE COLLEGE, RAVULAPALEM

Teachers use ICT enabled tools for effective teaching-learning process

Department of Mathematics

1. ICT Based Teaching:

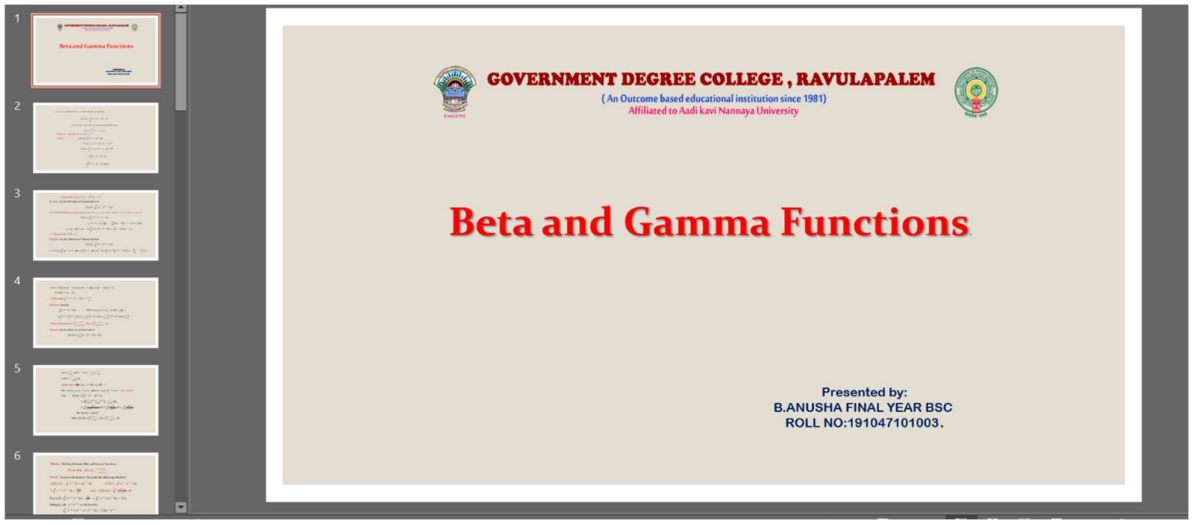
All first, second and final year Mathematics students attending ICT based classes in MANA TV room and digital class rooms.

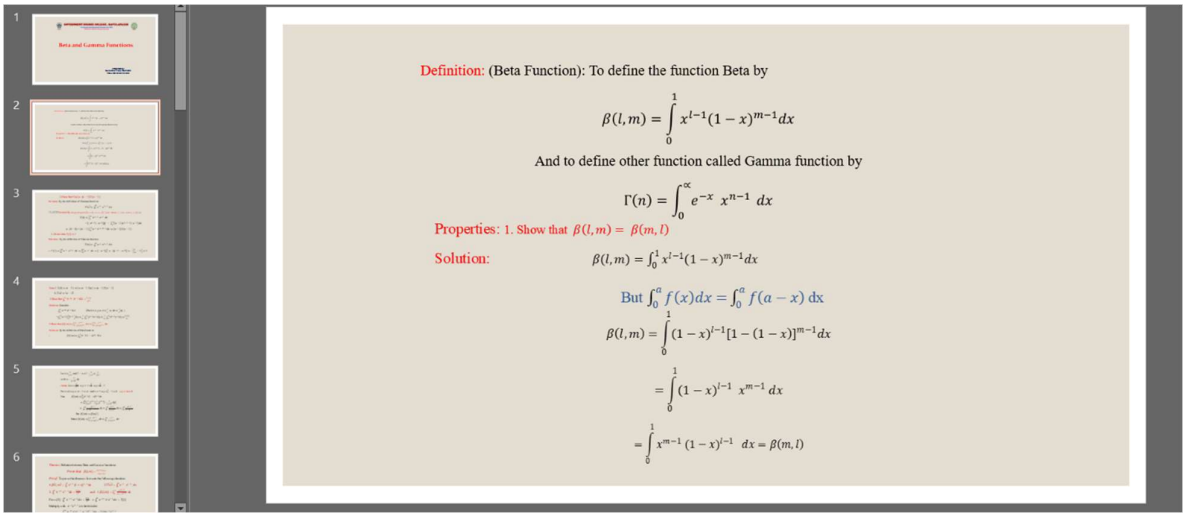
Student seminars:

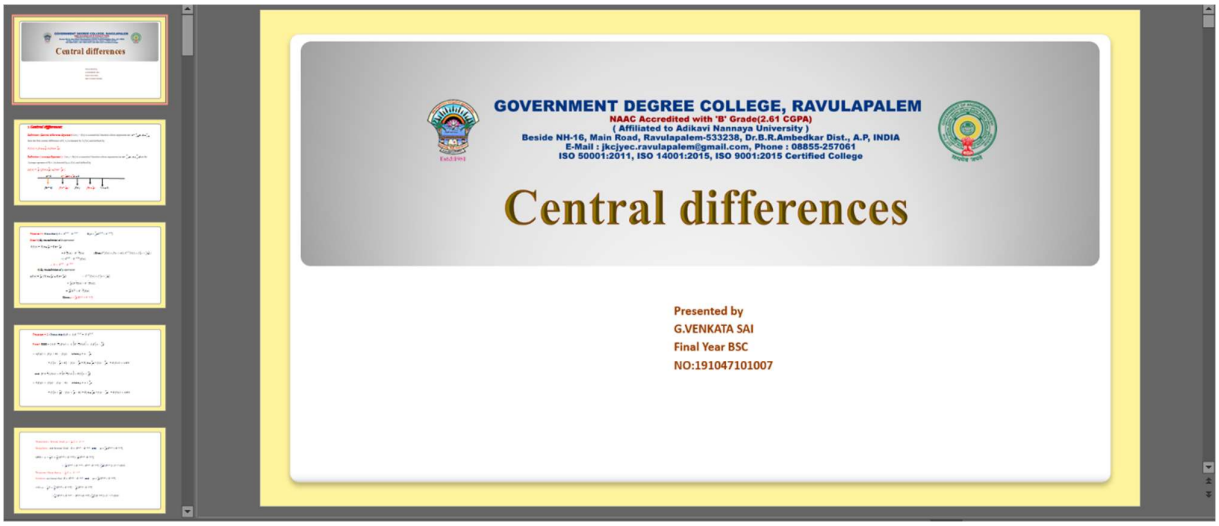
Second and Final year students attended and delivered student seminars in their respective class rooms and Digital class rooms.

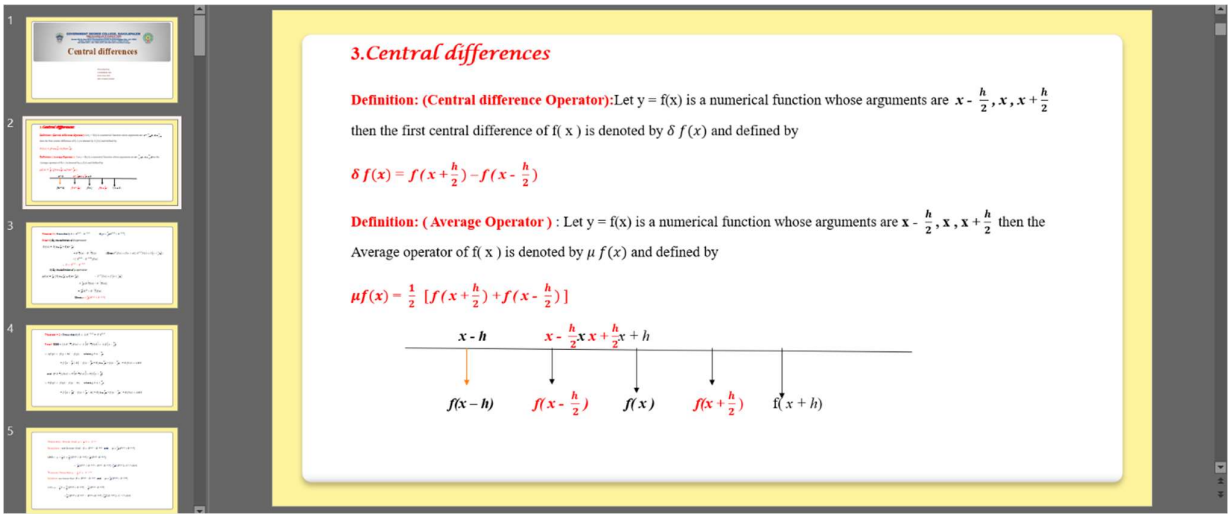
2. Preparation of PPTS by students.

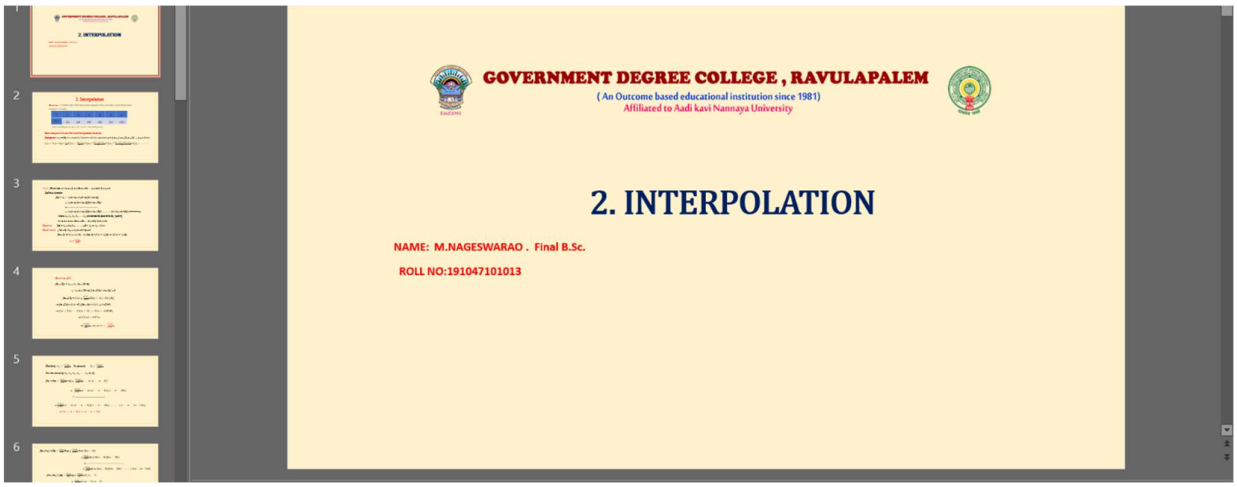
All the Final and second-year students Prepared PPTs in their respective subjects.
Screen shots

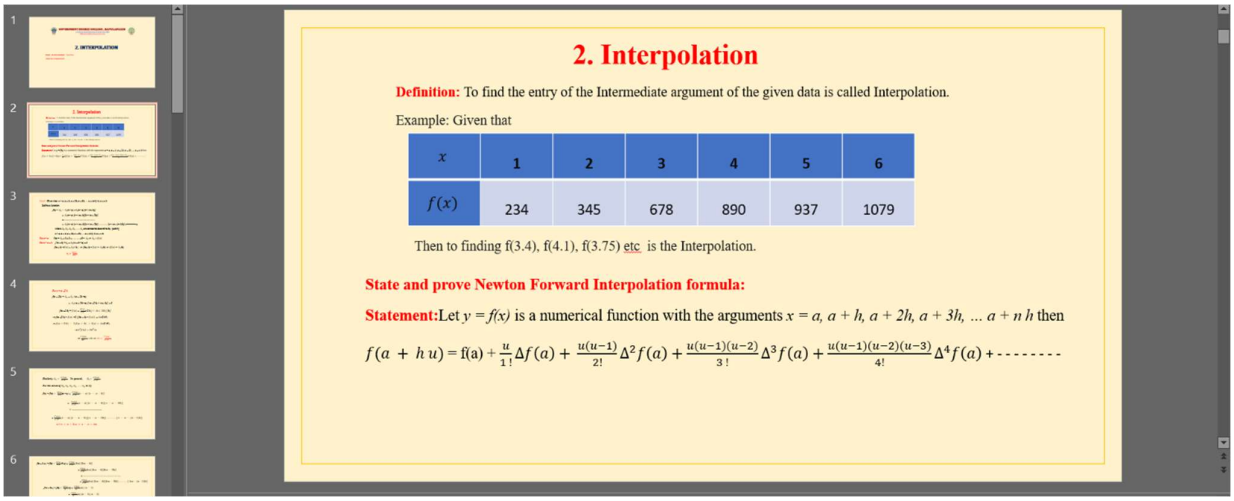





GOVERNMENT DEGREE COLLEGE, RAVULAPALEM
NAAC Accredited with 'B' Grade(2.61 CGPA)
(Affiliated to Adikavi Nannaya University)
Beside NH-16, Main Road, Ravulapalem-533238, Dr.B.R.Ambedkar Dist., A.P, INDIA
E-Mail : jkcjyec.ravulapalem@gmail.com, Phone : 08855-257061
ISO 50001:2011, ISO 14001:2015, ISO 9001:2015 Certified College
Central differences
Presented by
G.VENKATA SAI
Final Year BSC
NO:191047101007


3.Central differences
Definition: (Central difference Operator):Let y = f(x) is a numerical function whose arguments are $x-\frac{h}{2}, x, x+\frac{h}{2}$ then the first central difference of f(x) is denoted by $\delta f(x)$ and defined by
$\delta f(x) = f(x+\frac{h}{2}) - f(x-\frac{h}{2})$
Definition: (Average Operator) : Let y = f(x) is a numerical function whose arguments are $x-\frac{h}{2}, x, x+\frac{h}{2}$ then the Average operator of f(x) is denoted by $\mu f(x)$ and defined by
$\mu f(x) = \frac{1}{2}[f(x+\frac{h}{2}) + f(x-\frac{h}{2})]$
$x-h$
$x-\frac{h}{2}$ x $x+\frac{h}{2}$ $x+h$
$f(x-h)$
$f(x-\frac{h}{2})$
$f(x)$
$f(x+\frac{h}{2})$
$f(x+h)$


GOVERNMENT DEGREE COLLEGE , RAVULAPALEM
(An Outcome based educational institution since 1981)
Affiliated to Aadi kavi Nannaya University
2. INTERPOLATION
NAME: M.NAGESWARAO . Final B.Sc.
ROLL NO:191047101013



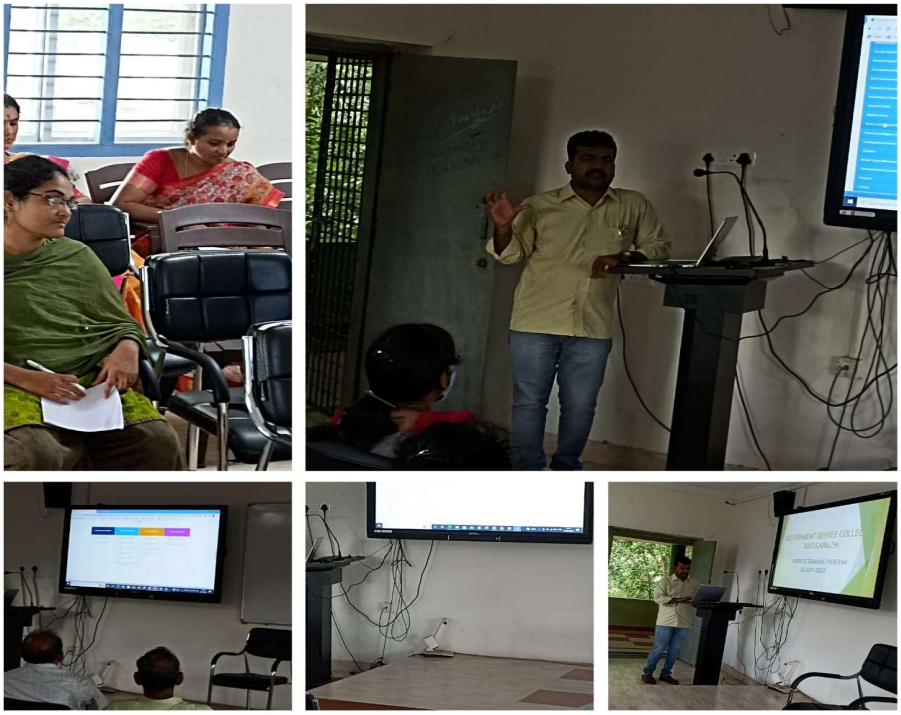
Department of Computer Science & Applications

1. Practical

Experimental learning is being given more priority over theoretical learning. College believes in “learning while doing”. Apart from the hours allotted for practical sessions, students are given extra hours to work and learn by executing the exercises of various difficulty levels.

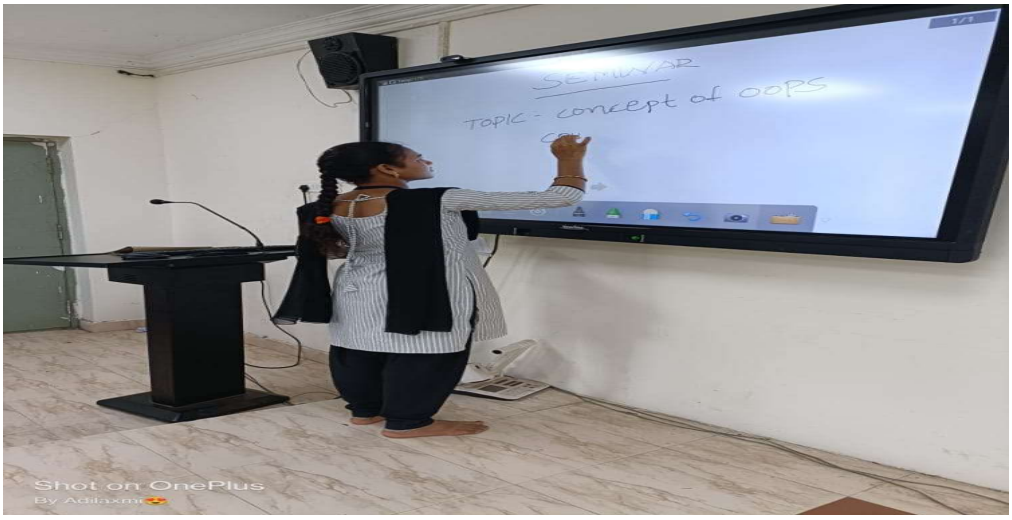
2. ICT Based Teaching

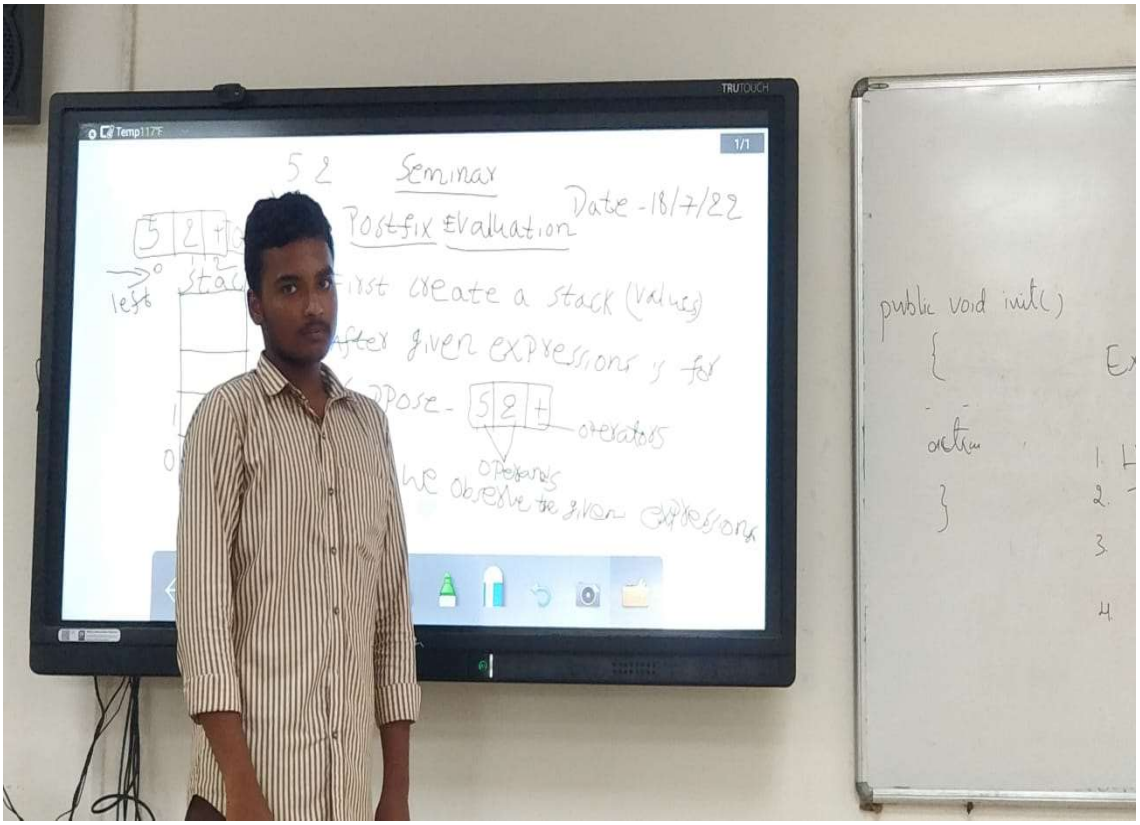
Our subject being Computer Science & Applications, ICT based teaching is an integral part of our teaching. Lecture-Demos teaching methodology are preferred over simple lectures where in there will be an active participation of students which benefits the students for better understanding of the concepts.



3. Student Seminars

According to the latest SOP of Continuous Internal Assessment from APCCE, 5 marks are awarded for students' seminars. In this context, we make sure that every student comes prepared with a particular topic either chosen by them or given by the respective lecturer. A holistic development of the student is achieved by this practice.




TRUTOUCH
Temp117°F
1/1
5 2
Seminar
Postfix Evaluation
Date - 18/7/22
5 2 +
stack
lets
First create a stack (values)
given expressions
operators
operands
public void init()
{
}

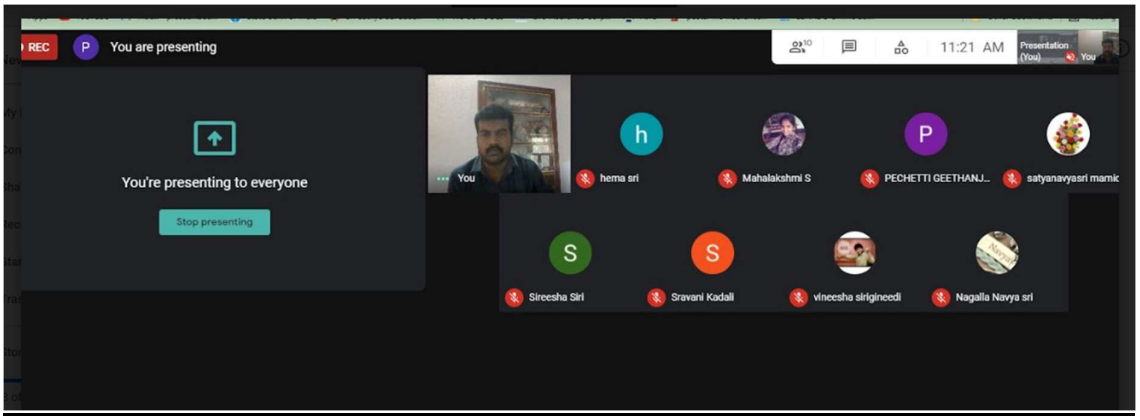
4. Preparation of PPTS by students

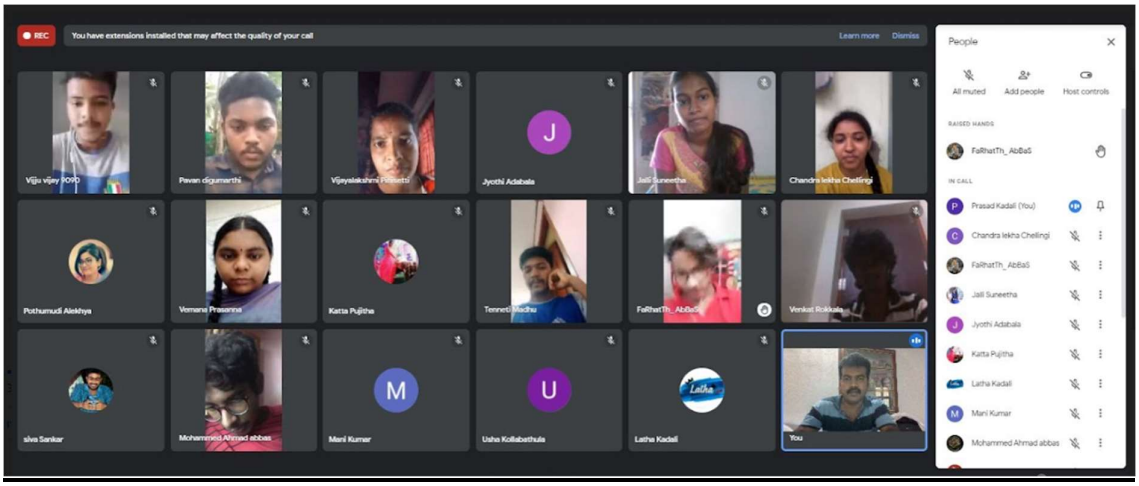
We encourage the students to prepare ppts especially while presenting their project work. This practice not only enhances their presentation skills but also make it more effective.

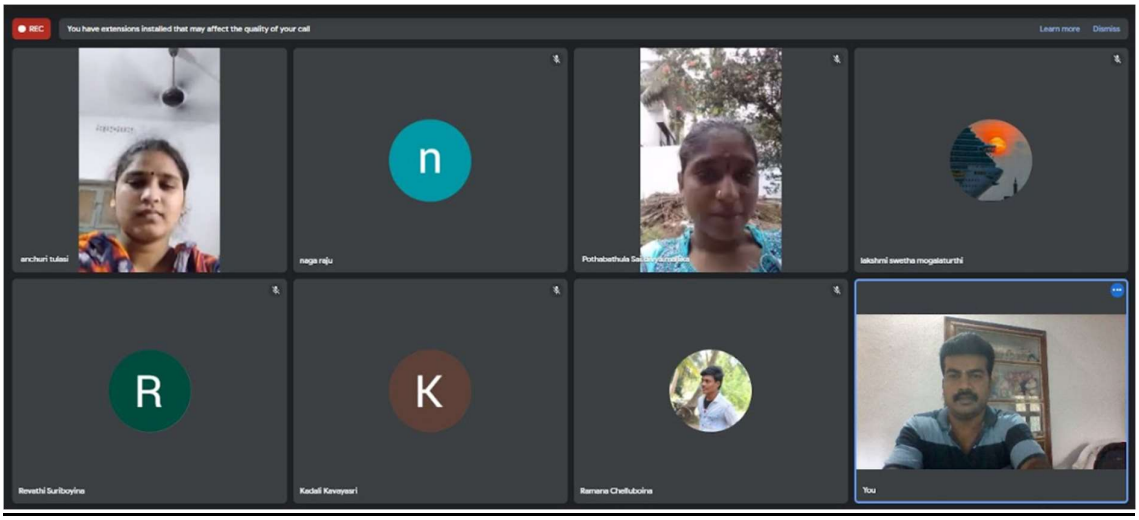
Teachers use ICT enabled tools for effective teaching -learning process

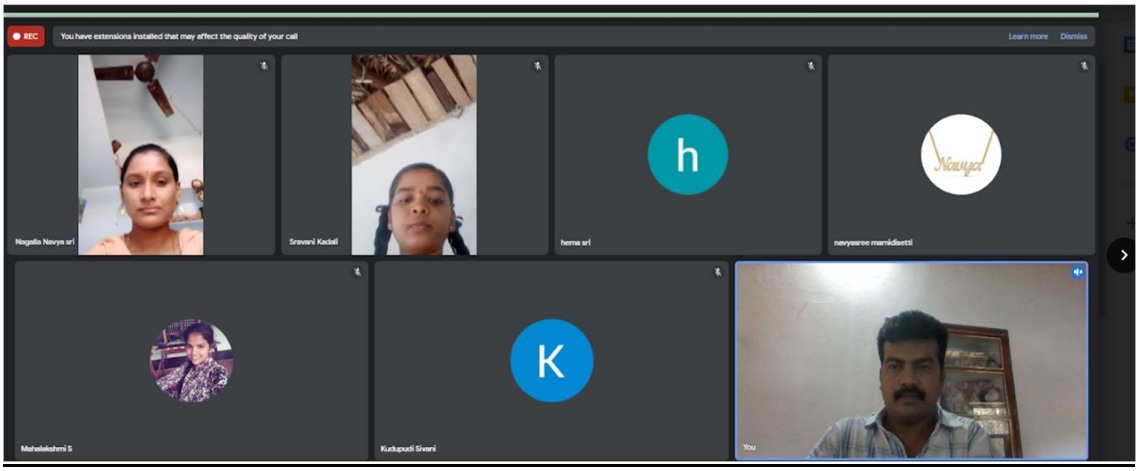
The subject being Computer Science & Applications, it becomes mandatory to use ICT in the teaching process. We believe in teaching with a “Keyboard” rather than a “Black Board”. The college has 3 digital rooms and a virtual room with all the latest amenities to carry out the teaching very efficiently and effectively.

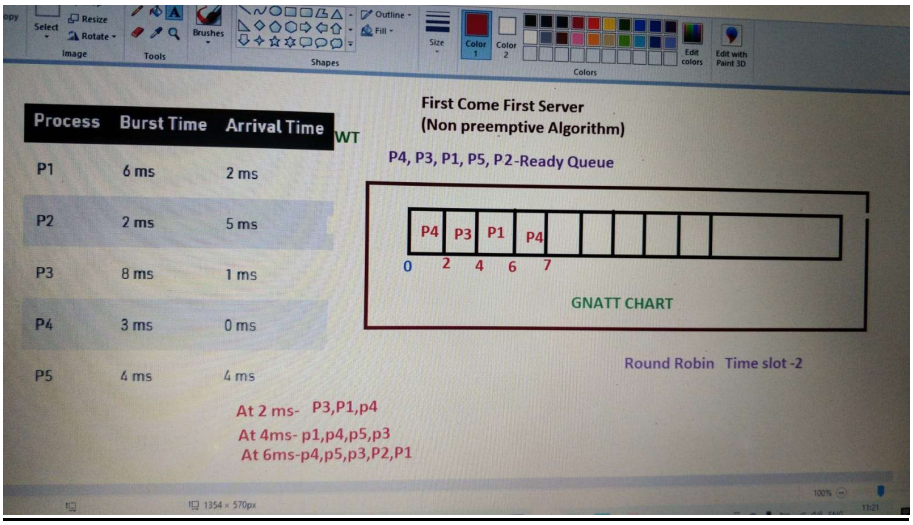
Taking Online Classes To Students Through Zoom App :

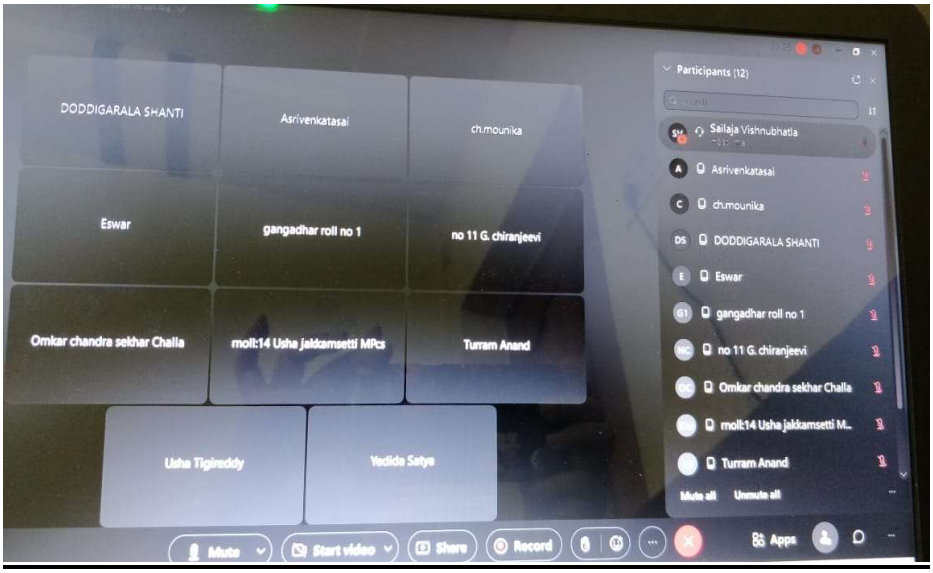



REC
You have extensions installed that may affect the quality of your call
Learn more
Dismiss
People
All muted
Add people
Host controls
RAISED HANDS
FaRhatTh_AbBaS
IN CALL
Prasad Kadali (You)
Chandra lekha Chellingi
FaRhatTh_AbBaS
Jalli Suneetha
Jyothi Adabala
Katta Pujitha
Latha Kadali
Mani Kumar
Mohammed Ahmad abbas
Vijju vijay YOYO
Pavan digumarthi
Vijayalakshmi Pothamsetti
Jyothi Adabala
Jalli Suneetha
Chandra lekha Chellingi
Pothumudi Alekhya
Vemana Prasanna
Katta Pujitha
Tennet Madhu
FaRhatTh_AbBaS
Venkat Rokkala
siva Sankar
Mohammed Ahmad abbas
Mani Kumar
Usha Kollabathula
Latha Kadali
You


REC
You have extensions installed that may affect the quality of your call
Learn more
Dismiss
anchuri tulasi
naga raju
Pothabathula Sa
lakshmi swetha mogalaturthi
Revathi Suriboyina
Kadali Kavyasri
Ramana Chelluboina
You


REC
You have extensions installed that may affect the quality of your call
Learn more
Dismiss
Nagalla Navya sri
Sravani Kadali
hema sri
navyasree mamidisetti
Mahalakshmi S
Kudupudi Sivani
You


Process Burst Time Arrival Time WT
P1 6 ms 2 ms
P2 2 ms 5 ms
P3 8 ms 1 ms
P4 3 ms 0 ms
P5 4 ms 4 ms
First Come First Server
(Non preemptive Algorithm)
P4, P3, P1, P5, P2-Ready Queue
P4 P3 P1 P4
0 2 4 6 7
GNATT CHART
Round Robin Time slot -2
At 2 ms- P3,P1,p4
At 4ms- p1,p4,p5,p3
At 6ms-p4,p5,p3,P2,P1


DODDIGARALA SHANTI
Asrivenkatasai
ch.mounika
Eswar
gangadhar roll no 1
no 11 G. chiranjeevi
Omkar chandra sekhar Challa
moll:14 Usha jakkamsetti MPcs
Turram Anand
Usha Tigireddy
Yedida Satya
Participants (12)
Sailaja Vishnubhatla
Asrivenkatasai
ch.mounika
DODDIGARALA SHANTI
Eswar
gangadhar roll no 1
no 11 G. chiranjeevi
Omkar chandra sekhar Challa
moll:14 Usha jakkamsetti M...
Turram Anand
Mute all
Unmute all
Mute
Start video
Share
Record
Apps

THE DEPARTMENT OF ENGLISH

Dt: 28-02-2022

Report on Teaching-Learning Process

Implementation of ICT in Teaching and Learning and Innovative Pedagogical Tools

We, the teachers make classes as interactive as possible and encourage innovative thought and novel interpretations. **Audio- Visual methodology, Language Lab, Google Classroom, Clean and Green, Swatch Bharat Field Work, Usage of LMS Tools and Study Projects** are some of the means utilize by the Department to provide experiential and participative learning.

s.

LESSON ON MANA TV

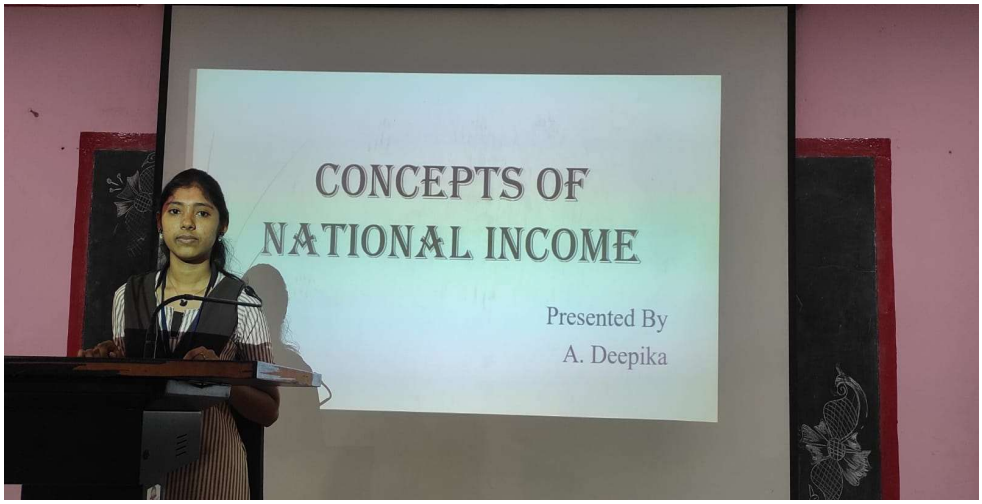
Signature of the Head
Dept of English

PRINCIPAL
Government Degree College
Ravulapalem-533238, E.G.Dt.

Department of Commerce

STUDENTS SEMENARS PRESENTATION

Name of the student : A.Deepika
Group : I B.Com
Topic : National Income

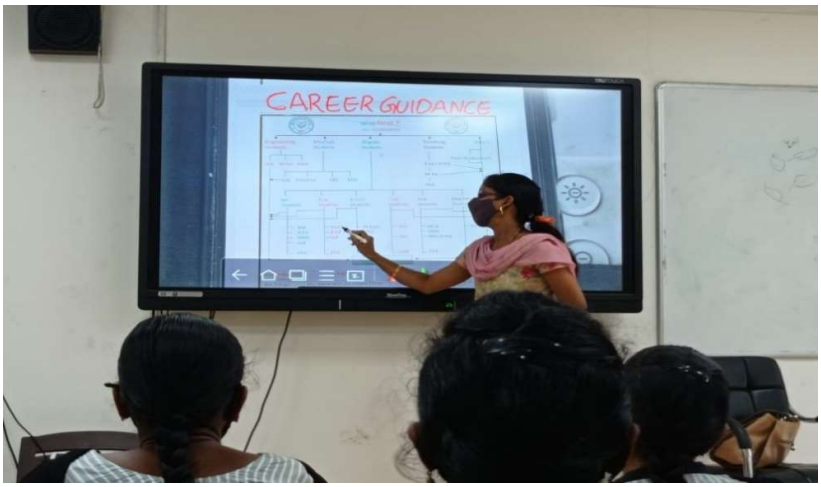


Name of the student : A.Prudhvi pavan
Group : I B.Com
Topic : Joint stock company

DEPARTMENT OF ZOOLOGY

2.ICT MODE OF TEACHING

As Information and Communications Technology (ICT) can impact student learning, Department of Zoology use a diverse set of ICT tools while teaching lessons to communicate, create, disseminate, store, and manage information.



JOB OPPURTUNITIES

The Department of Zoology had conducted Job Opportunities workshop Programme to all 1st, 2nd and 3rd BZC students to explain the number of jobs available after pursue of B.Sc BZC.

GUEST LECTURE TO THE STUDENTS

Guest Lecture was given to the BZC students to give the students an opportunity to connect with professionals and create meaningful learning connections.

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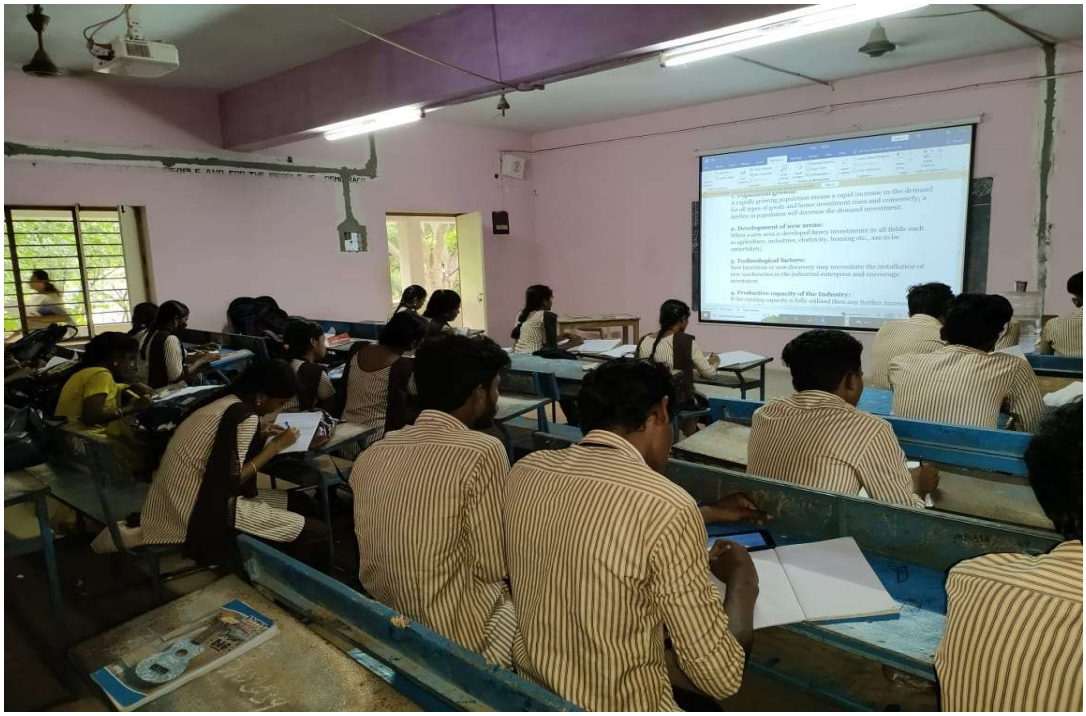
Department of Economics

STUDENT CENTRIC METHODS

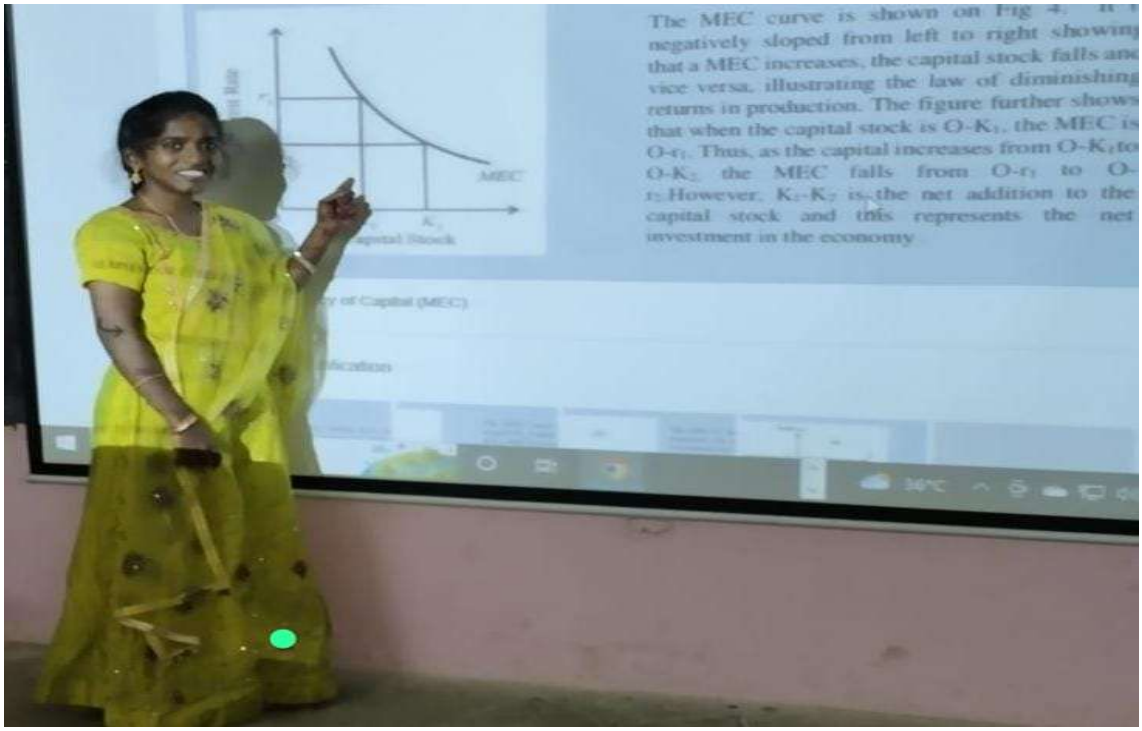
1. ICT Based Teaching:

All first, second and final year Economics students attending ICT based classes in BA Digital Class room.



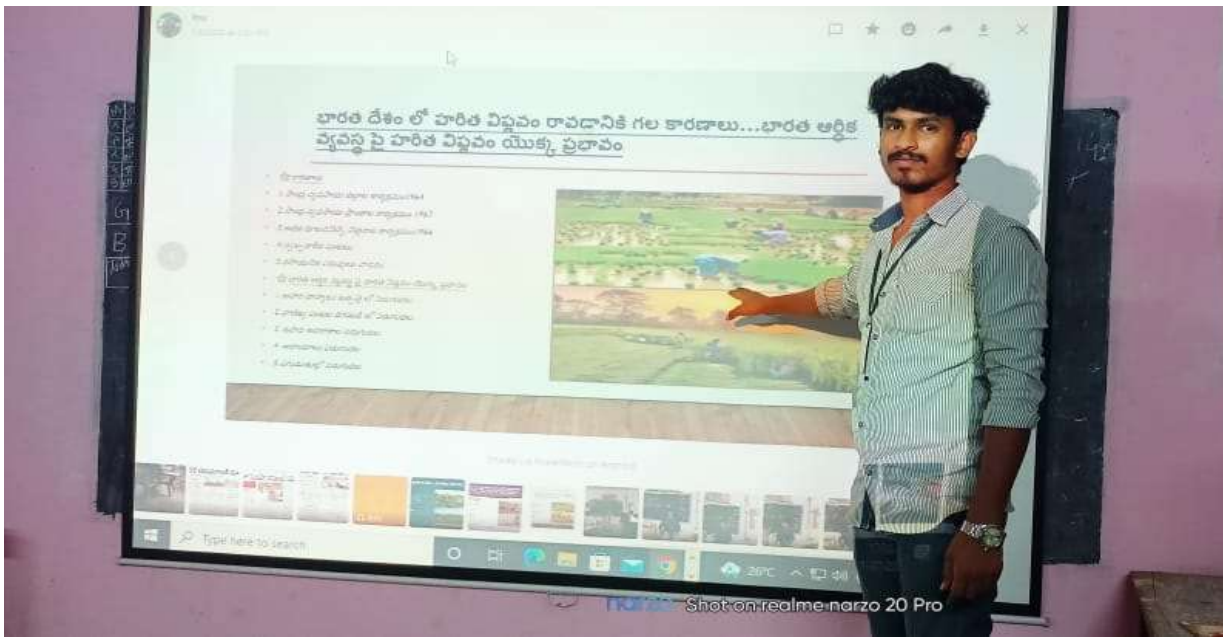
Student seminars:

Second and Final year students attended and delivered student seminars in BA Digital class room.



2. Preparation of PPTS by students.

All the Final and second-year students Prepared PPTs in their respective subjects and presented in the class.

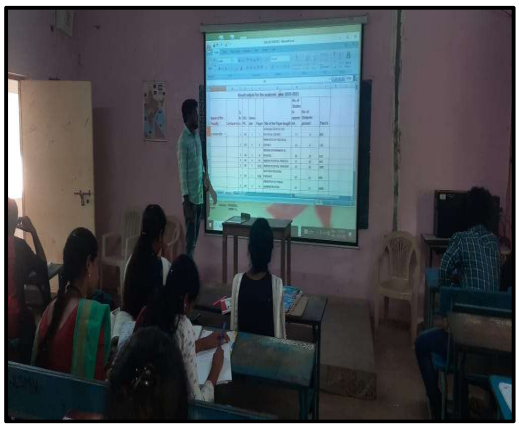


DEPARTMENT OF POLITICAL SCIENCE

2.3. STUDENT CENTRIC METHODS USED TO PROMOTE PARTICIPATIVE, EXPERIENTIAL, PROBLEM-SOLVING METHODOLOGIES

ICT Based Teaching

All first, second and final year Political Science students attending ICT based classes in MANA TV room and digital class rooms.

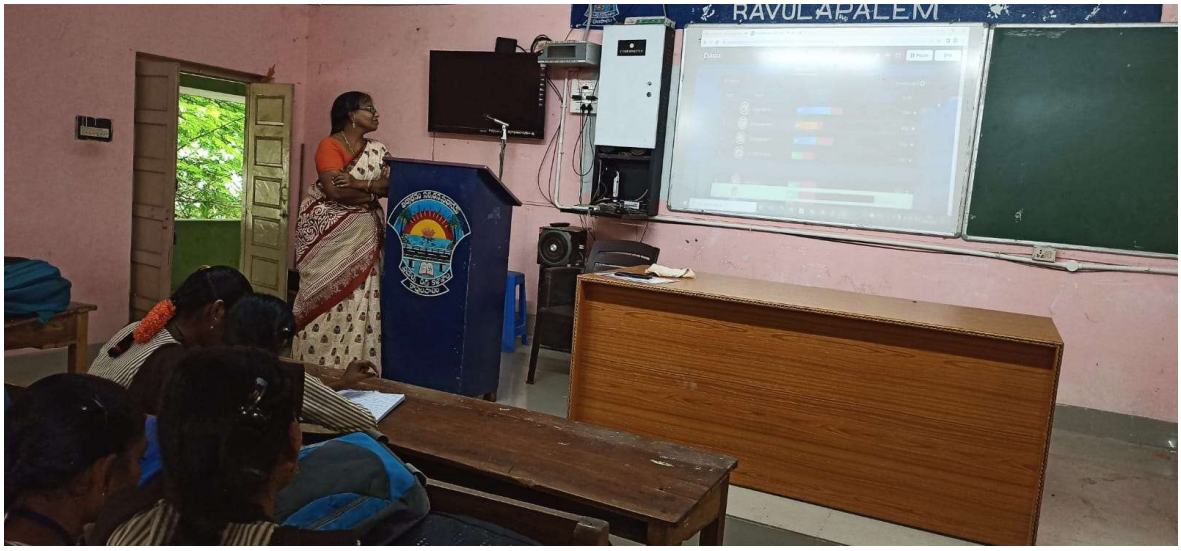


1. Student seminars

Second and Final year students attended and delivered student seminars in their respective class rooms and Digital class rooms.

DEPARTMENT OF CHEMISTRY

Problem solving methods: These methods are useful to enhance competence of the students.



Live Quiz

LMS, & Digital Classrooms: The College supports ICT enabled teaching.. The Digital Classrooms have fully and successfully exploited the audio and video sources of learning. The institution is using LMS to promote e-learning.

STUDENT CENTRIC METHOD

BOTANY ICT CLASS

PRINCIPAL
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Ravulapalem-533238, E.G.Dt.