



M.V.R. DEGREE COLLEGE

(UG & PG Courses)

(Affiliated to Andhra University)

Shramika Nagar, Gajuwaka, Visakhapatnam-530026

Supporting documents for

2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.



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DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of Mathematics:

2020-21

The following teaching-learning methods are adopted for advanced learners in the subject of Maths:

- 1 Project method
- 2 Problem solving method
- 3 Participatory & group learning methods like group discussion, debate & power point presentation
- 4 Empirical method
- 5 Field methods like field trip, industrial visit & labs visit
- 6 Creative methods like models preparation
- 7 Experimental method
- 8 Scientific method

The following methods are adopted for slow learners:

- 1 Narration method
- 2 Question & answer method
- 3 Games method
- 4 Lecture method with illustrations & teaching Aids
- 5 Recitation method
- 6 Role play method etc..

Dr Ch. Ramasanyasi Rao

Signature

Head of the department

Department of Mathematics
M.V.R. Degree College
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DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of PHYSICS:

2020-21

The following teaching-learning methods are adopted for advanced learners in the subject of PHYSICS:

- 1 Project method
- 2 Problem solving method
- 3 Participatory & group learning methods like group discussion, debate & power point presentation
- 4 Empirical method
- 5 Field methods like field trip, industrial visit & labs visit
- 6 Creative methods like models preparation
- 7 Experimental method
- 8 Scientific method
- 9 Research method etc....

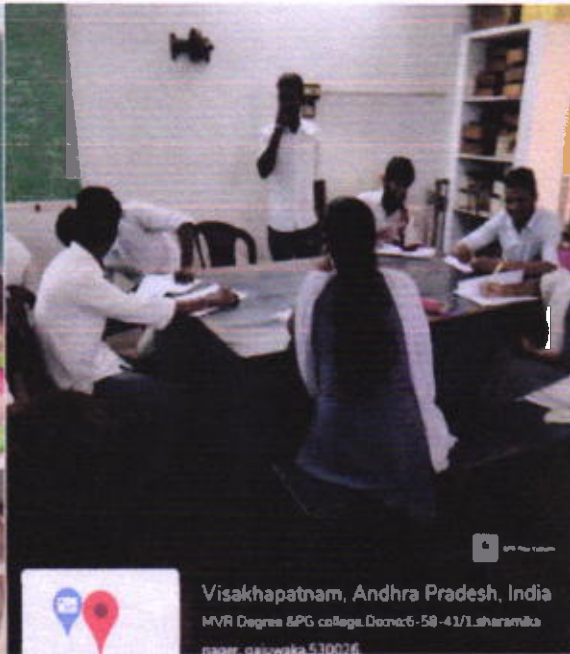
The following methods are adopted for slow learners:

- 1 Narration method
- 2 Question & answer method
- 3 Games method
- 4 Lecture method with illustrations & teaching Aids
- 5 Recitation method
- 6 Role play method etc..



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GROUP DISCUSSION and DEBATE



Visakhapatnam, Andhra Pradesh, India
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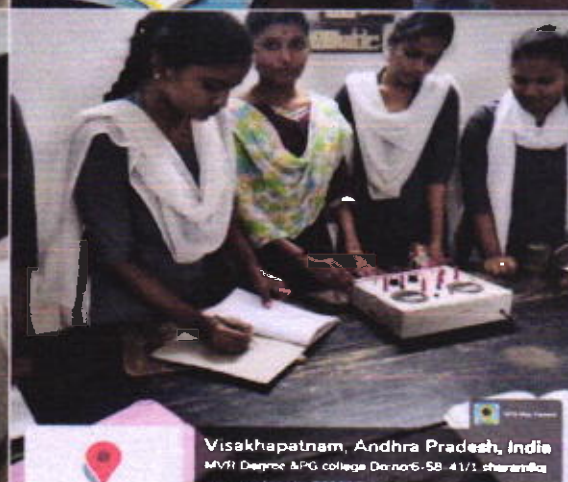
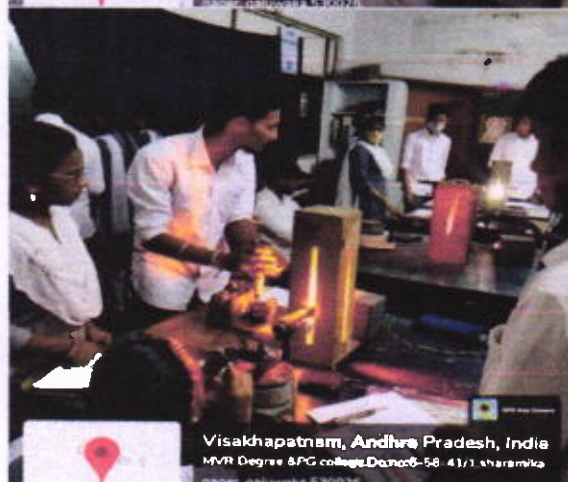
Visakhapatnam, Andhra Pradesh, India
MVR Degree & PG college.Dono:6-58-41/1.shramika nager, gajuwaka-530026
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Visakhapatnam, Andhra Pradesh, India
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EMPIRICAL METHOD :



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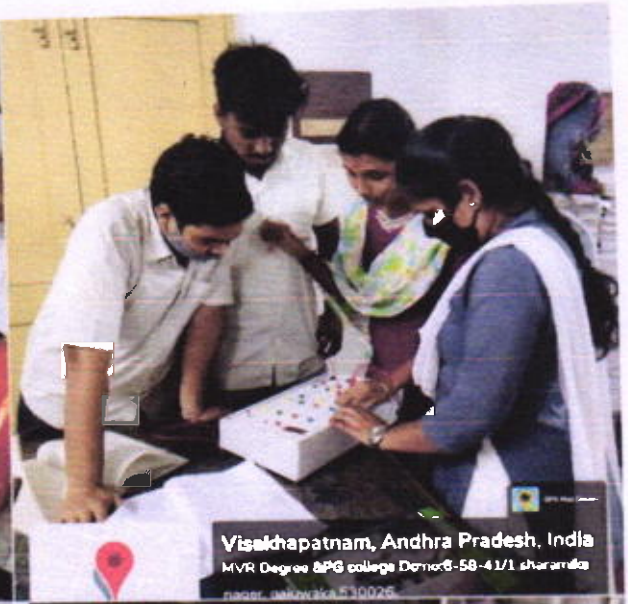
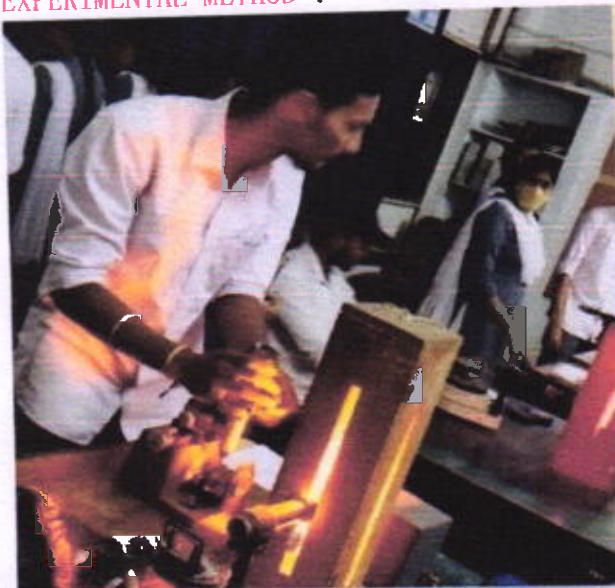
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PROJECT METHOD:



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EXPERIMENTAL METHOD :



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A. Sathak
Signature of the faculty



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Department of CHEMISTRY

DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

The following teaching-learning methods are adopted for advanced learners in the subject of CHEMISTRY.

1. Project method
2. Problem solving method
3. Participatory & group learning methods like group discussion, debate & power point presentation
4. Field trips like industrial visit or laboratories visit
5. Creative methods like models preparation
6. Experimental method

The following methods are adopted for slow learners:

1. Narration method
2. Question & answer method
3. Games method
4. Lecture method with illustrations & teaching Aids
5. Recitation method
6. Field trips like industrial visit or laboratories visit
7. Experimental method
8. Role plays method etc.

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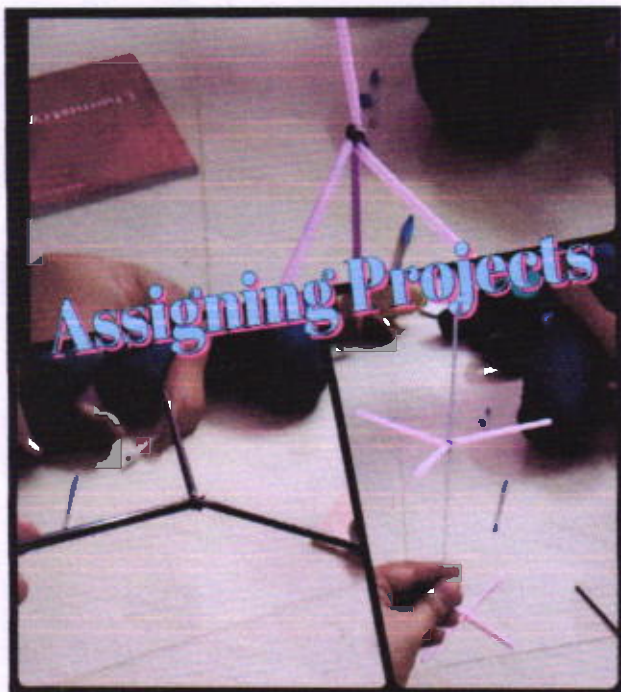
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Department of CHEMISTRY

Assigning Project Works

Shapes of molecules

Periodic Table




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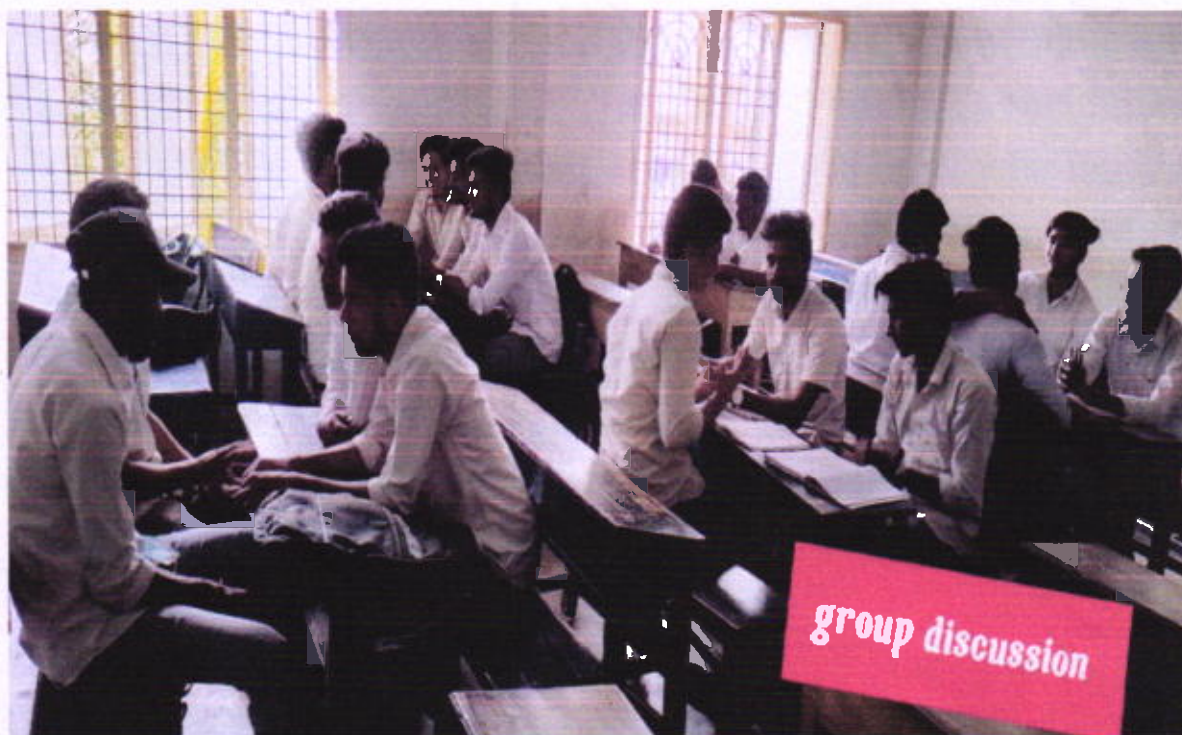
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Department of CHEMISTRY



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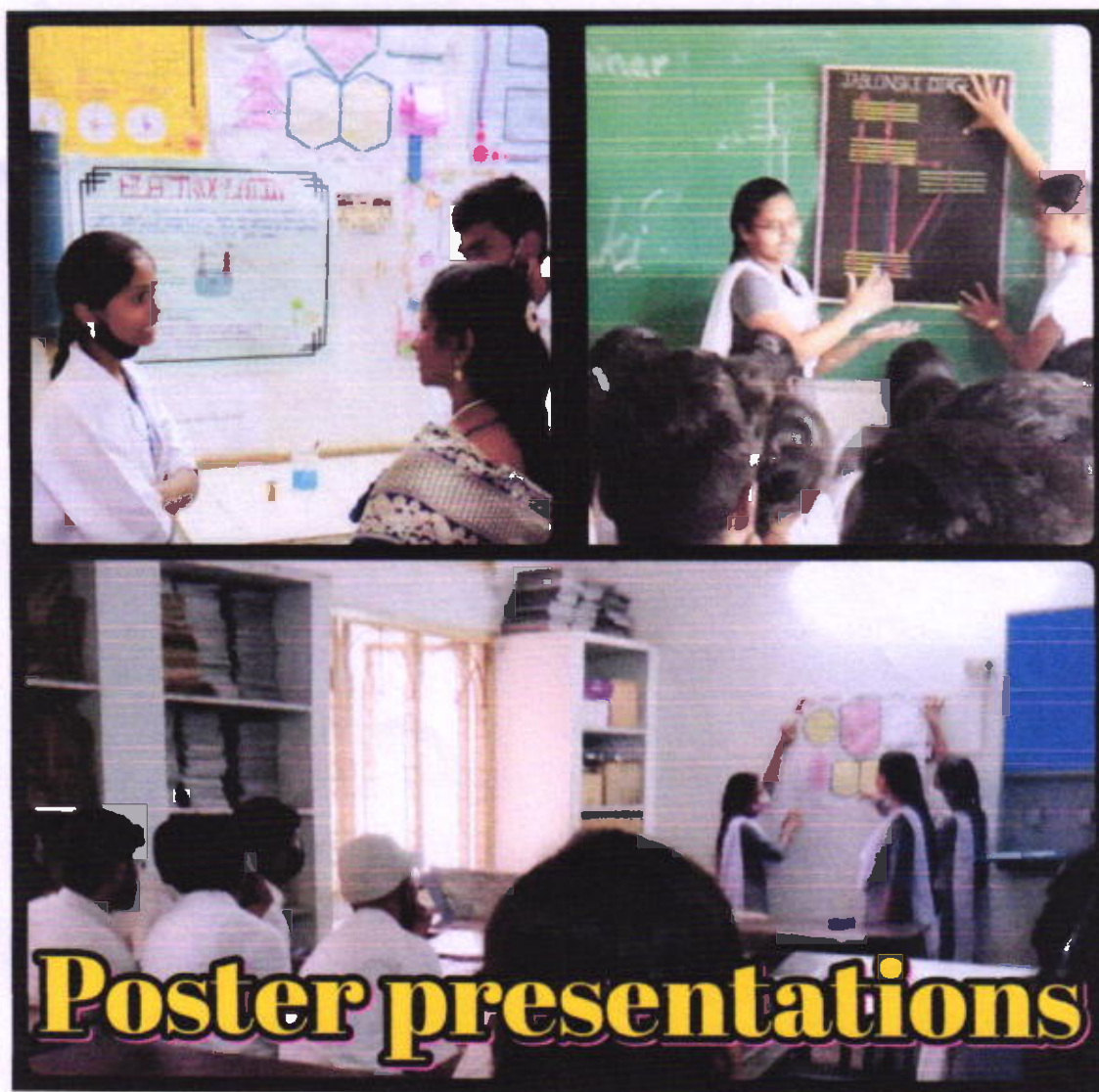
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Department of CHEMISTRY

Poster presentation on various topics like Electroplating, Jablonski diagram, chromatography etc.,.



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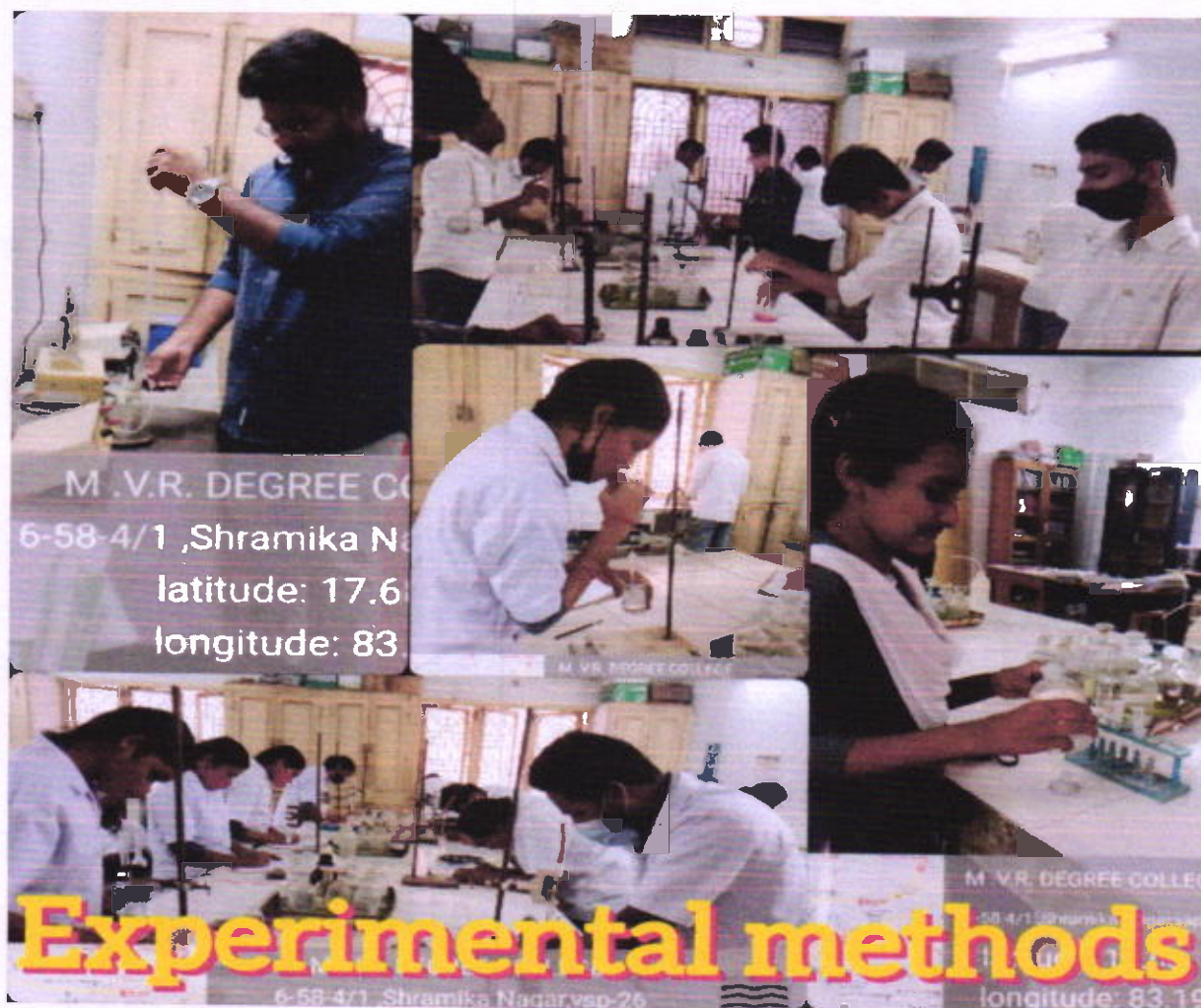
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Department of CHEMISTRY

Students Inter College Activities



2019-20



2018-19



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Department of CHEMISTRY

Field Trips



Students visited

- i) Coromandal fertilizers , Sriharipuram on 09-02-2019
- ii) Aurabindo Pharma Ltd, Parawada on 22-02-2020
- iii) Govada sugar factory on 25-03-2022

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Principal

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**Department of Botany
2020-2021**

The following teaching-learning methods are adopted for advanced learners in the subject of Botany.

1. Project method
2. Problem solving method
3. Participatory & group learning methods like group discussion, debate & power point presentation.
4. Field methods like field trips, Botanical tour and labs visit.
5. Creative methods like models preparation.
6. Experiential method
7. Scientific method
8. Research method etc,,,

The following methods are adopted for slow learners:

1. Narration method
2. Question & answer method
3. Lecture method with illustrations & teaching aids
4. Recitation method
5. Learning while doing

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Department of Botany

Field visit



Practical



Activity



Peer Teaching



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SHRAMIKANAGAR, CHINAGANTYADA,
GAJUWAKA, VISAKHAPATNAM - 530026

Student Study Projects - Department of Botany

Collection of data on fleshy and dry fruits from the local market and make a report on its use and taxonomy



Vermi composting



Ecology and Biodiversity



Making herbarium



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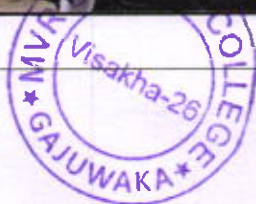
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Students of CBZ Botany - Visit to Botany Museum at Andhra University. Department of Botany, AU



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Students of CBZ Botany - Visit to Botanical Gardens at Department of Botany, Andhra University



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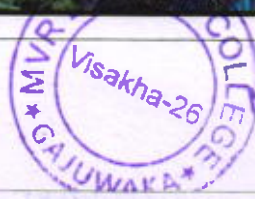
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Students of CBZ Botany – Final year students – Visit to plant Nursery



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Ethno botanical study of plants around the college campus



INDUSTRIAL VISITS



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Visit to Bio-Diversity Park, Andhra University



CBZ Final Year Botany Students- Visit to Timber depot for the study of different types of wood and its properties



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**Department of Zoology
2020-2021**

The following teaching-learning methods are adopted for advanced learners in the subject of Zoology.

1. Project method
2. Problem solving method
3. Participatory & group learning methods like group discussion, debate & power point presentation.
4. Field methods like field trips, industrial visit & labs visit.
5. Creative methods like models preparation.
6. Experiential method
7. Scientific method
8. Research method

The following methods are adopted for slow learners:

1. Narration method
2. Question & answer method
3. Lecture method with illustrations & teaching aids
4. Recitation method
5. Learn while doing

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Department of Zoology

Field visit



Activities




Practicals



Peer Teaching




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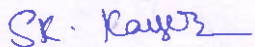
**Department of Statistics
2020-2021**

The following teaching-learning methods are adopted for advanced learners in the subject of statistics

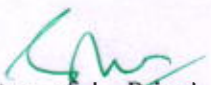
1. Project method
2. Problem solving method
3. Discussion method
4. Inductive and deductive method
5. Analytical Method

The following methods are adopted for slow learners:

1. Narration method
2. Lecture method with illustrations & teaching aids
3. Role play method
4. Demonstration method


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DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of BIOCHEMISTRY

2020-21

The following teaching-learning methods are adopted for advanced learners in the subject of Biochemistry:

1. Project method
2. Problem-solving methods
3. Participatory & group learning methods like group discussion, debate & PowerPoint presentation
4. Empirical methods
5. Field methods like a field trip, industrial visits & labs visit
6. Creative methods like models' preparation
7. Experimental methods
8. Scientific method
9. Research method etc...

The following methods are adopted for slow learners:

- 1 Narration method
- 2 Question & answer method
- 3 Learning While Doing
- 4 Lecture method with illustrations & teaching Aids
- 5 Recitation method

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DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of BIOTECHNOLOGY

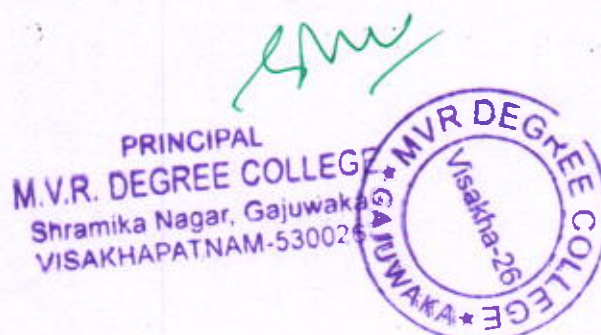
2020-21

The following teaching-learning methods are adopted for advanced learners in the subject of COMPUTERS:

1. Project method
2. Problem-solving methods
3. Participatory & group learning methods like group discussion, debate & PowerPoint presentation
4. Empirical methods
5. Field methods like a field trip, industrial visits & labs visit
6. Creative methods like models' preparation
7. Experimental methods
8. Scientific method
9. Research method etc...

The following methods are adopted for slow learners:

1. Narration method
2. Question & answer method
3. Learning while doing
4. Lecture method with illustrations & teaching Aids
5. Recitation method



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DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of MICROBIOLOGY

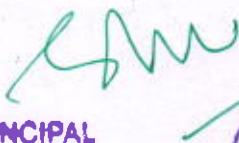
2020-21

The following teaching-learning methods are adopted for advanced learners in the subject of Biochemistry:

1. Project method
2. Problem-solving methods
3. Participatory & group learning methods like group discussion, debate & PowerPoint presentation
4. Empirical methods
5. Field methods like a field trips, industrial visits & labs visit
6. Creative methods like models' preparation
7. Experimental methods
8. Scientific method
9. Research method etc...

The following methods are adopted for slow learners:

- 1 Narration method
- 2 Question & answer method
- 3 Learning While Doing
- 4 Lecture method with illustrations & teaching Aids
- 5 Recitation method


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Department of Microbiology

Blood Sample Collection and Tests by the faculty of Microbiology Department



Blood samples collection and testing by the faculty of Microbiology Department



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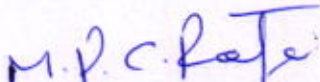
Department of Sanskrit
2020-2021

The following teaching-learning methods are adopted for advanced learners in the subject of Sanskrit.


1. Research Project Writing method
2. Public Speaking method
3. Audio visual method
4. Book review method
5. Translation method
6. communication method
7. Poetry and Story Writing method by applying seven strategies i.e. activating, inferring, monitoring, clarifying, questioning, summarizing and organizing.

The following methods are adopted for slow learners :

1. Recitation method
2. Story telling method
3. Role play method
4. Games method
5. Audio visual method
6. Communication method which gives more stress on "listening & reading".


Signature of the HOD




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Teaching-Learning Methods approved for English

Department of English-2021-2022

The teaching learning methods followed are for both Slow and Advanced learners are:

1. Lecture Method
2. Repetition Method
3. Public Speaking Method
4. Audio Visual Method
5. Role Play
6. Situational Learning Method
7. Memorizing and Summarizing key concepts
8. Giving emphasis on listening, speaking and reading and writing by making them do the same.

Signature of the Teacher

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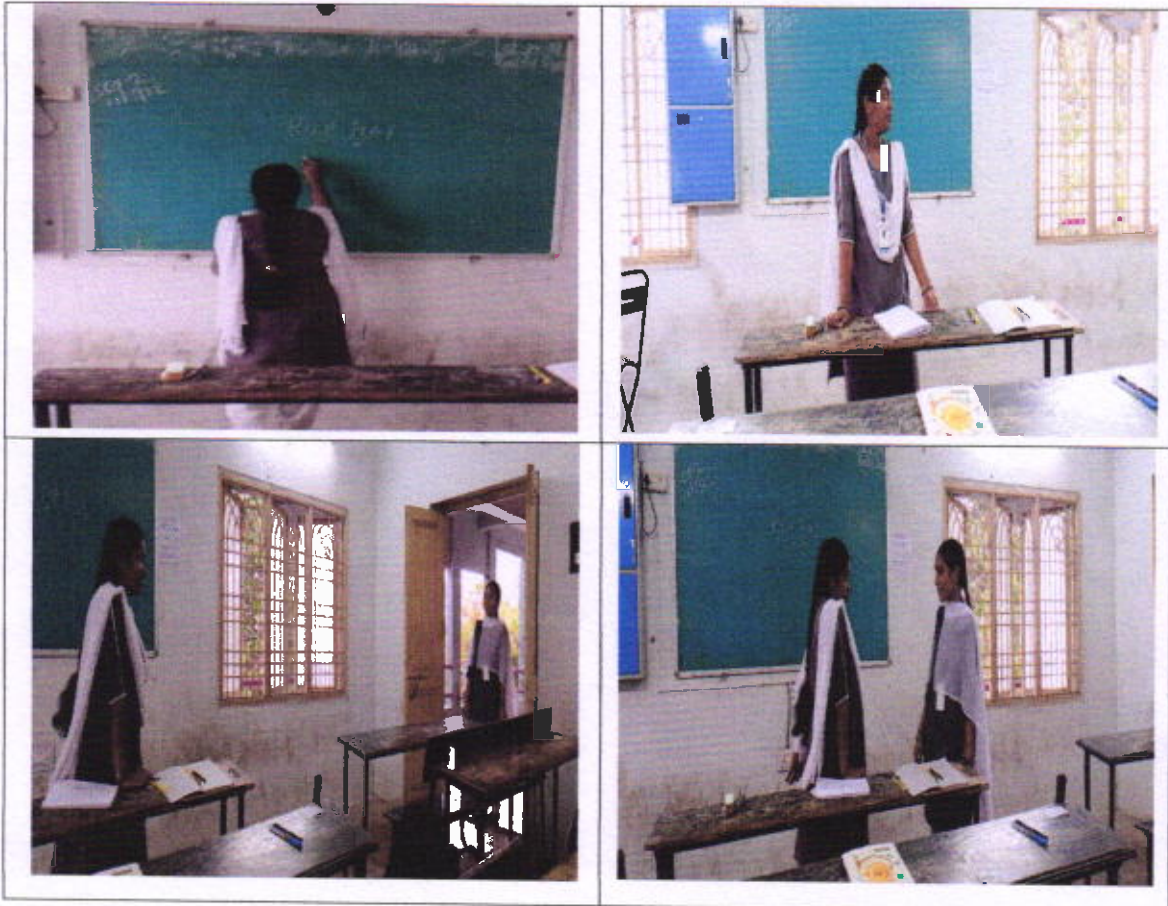
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Department of English

Role Play 1: A scene between a teacher and a student who comes late to the class.



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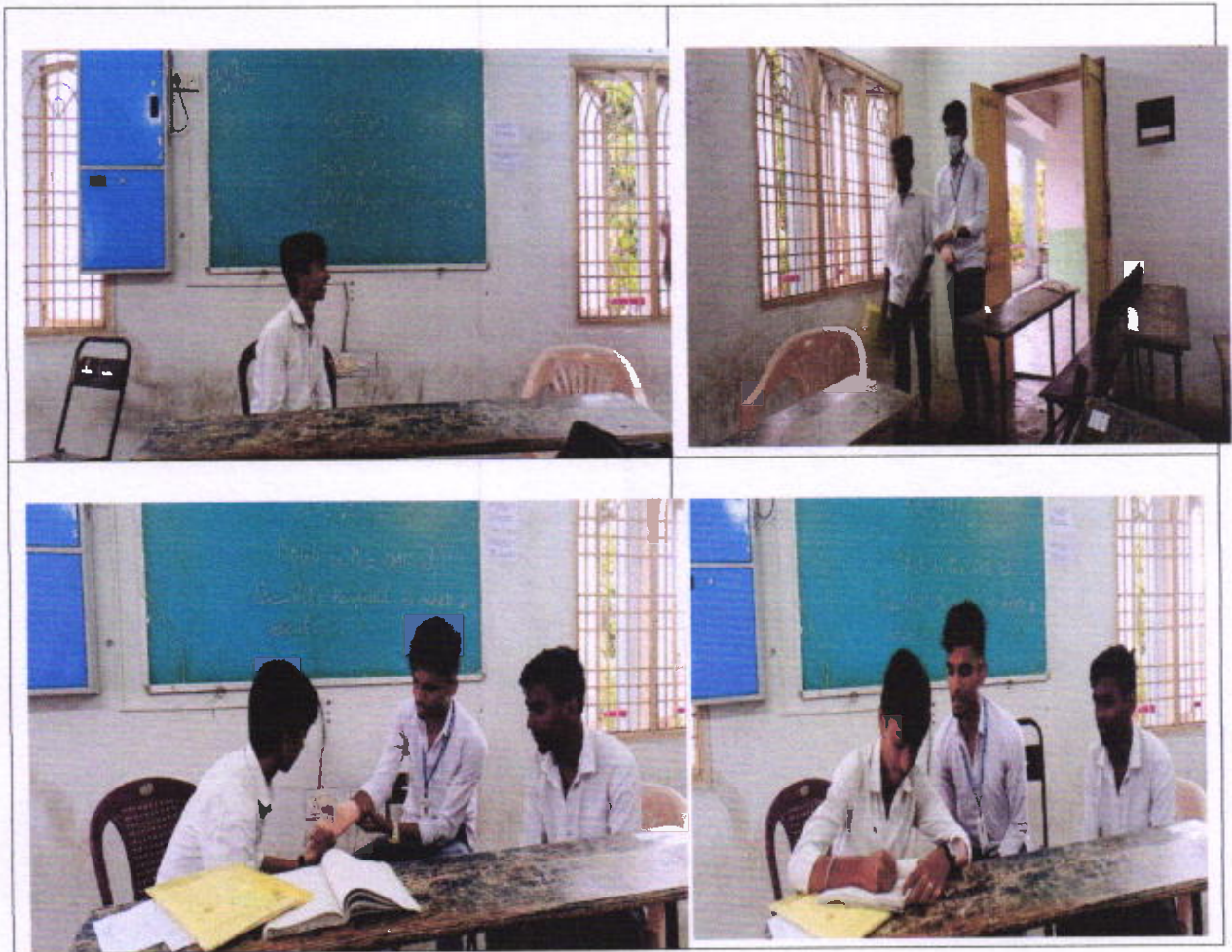
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Role Play 2: A scene between a doctor at Queen's NRI Hospital and a patient with a sprained wrist.



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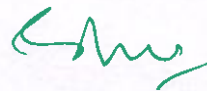
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Role Play 3 : A scene between two friends who are unable to understand few topics in English come to the house of their friend to study.




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Role Play 4: A customer and shopkeeper at Kanna's Jewellers



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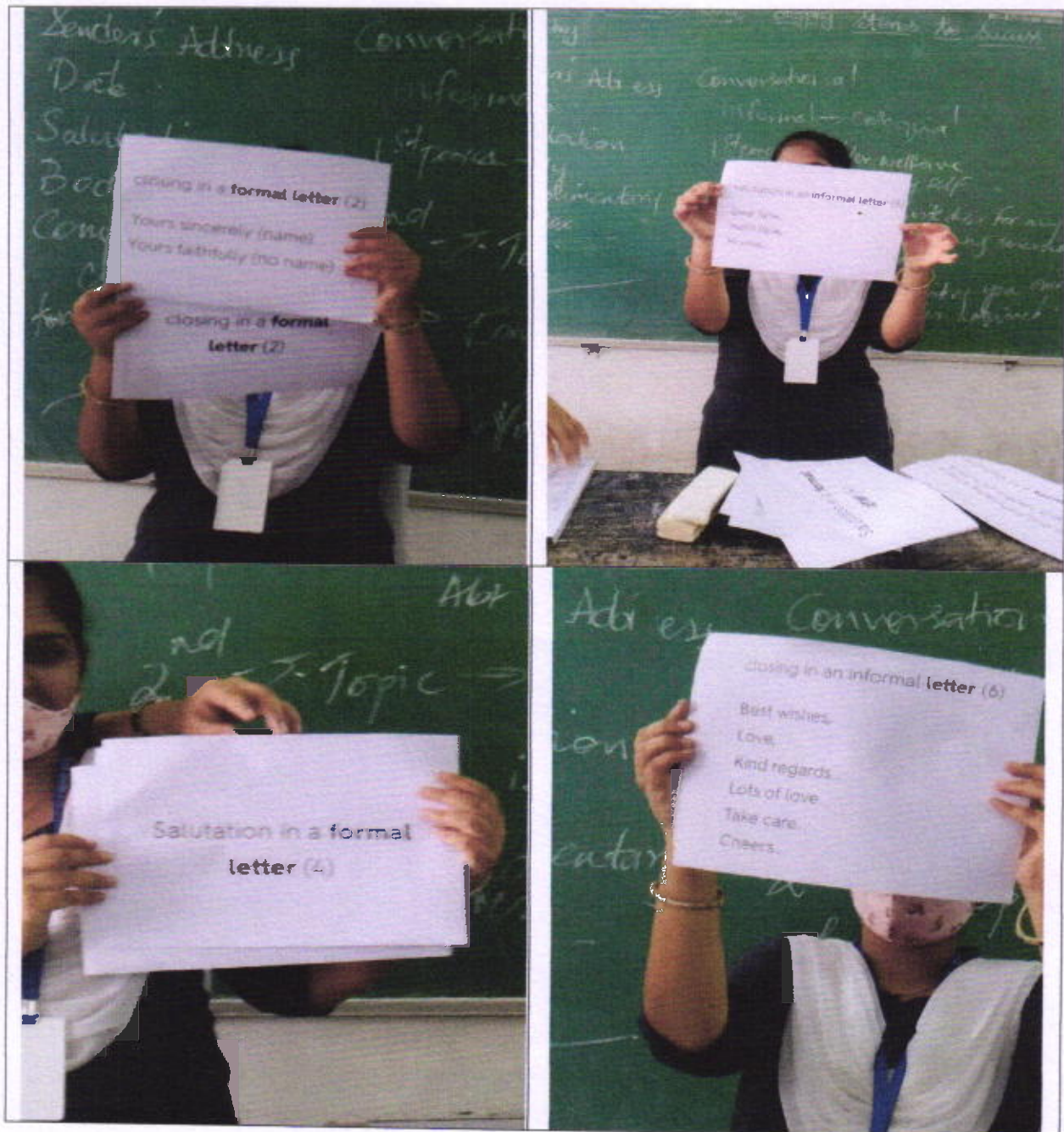
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Department of English

Teaching – Using Flash Cards



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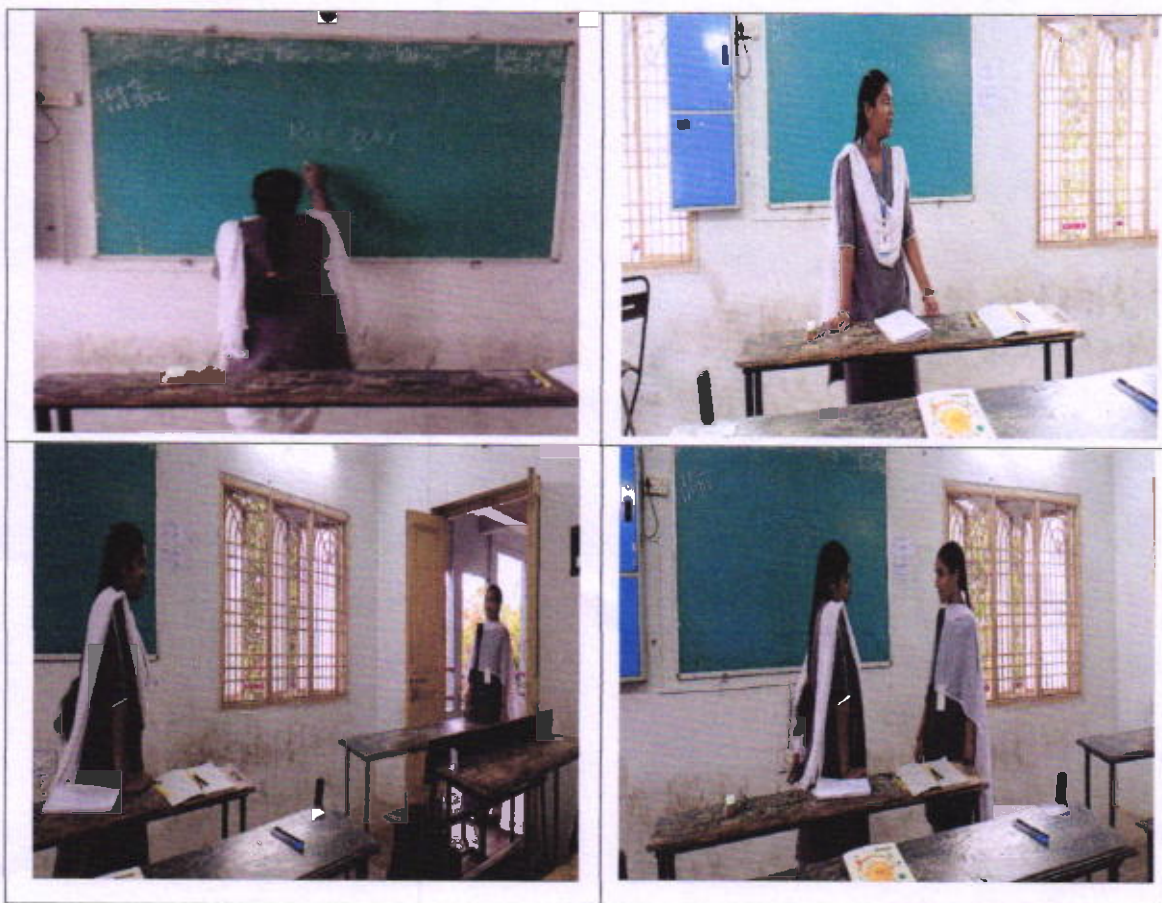
(UG & PG Courses)

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Shramika Nagar, Gajuwaka, Visakhapatnam-530026

Department of English

Role Play 1: A scene between a teacher and a student who comes late to the class.



Signature
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Shramika Nagar, Gajuwaka, Visakhapatnam-530026

DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of COMPUTERS:

2020-21


The following teaching-learning methods are adopted for advanced learners in the subject of COMPUTERS:

- 1 Project method
- 2 Problem solving method
- 3 Participatory & group learning methods like group discussion, debate & power point presentation
- 4 Empirical method
- 5 Field methods like field trip, industrial visit & labs visit
- 6 Creative methods like models preparation
- 7 Experimental method
- 8 Scientific method

The following methods are adopted for slow learners:

- 1 Narration method
- 2 Question & answer method
- 3 Games method
- 4 Lecture method with illustrations & teaching Aids
- 5 Recitation method
- 6 Role play method etc..




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Shramika Nagar, Gajuwaka, Visakhapatnam-530026

DEPARTMENT WISE APPROVED TEACHING-LEARNING METHODS

Department of Electronics:

2020-21

The following teaching-learning methods are adopted for
Advanced learners in the subject of Electronics:

1 Project method




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1. Problem solving method
2. Participatory & group learning meads like group discussion, debate & power point presentation



3. Empirical method



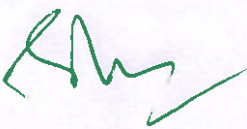

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VISA KHAPATNAM-530026

4. Field methods like field trip, industrial visit & labs visit



5. Creative methods like models preparation




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Student participation in Group discussion



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Student Seminars



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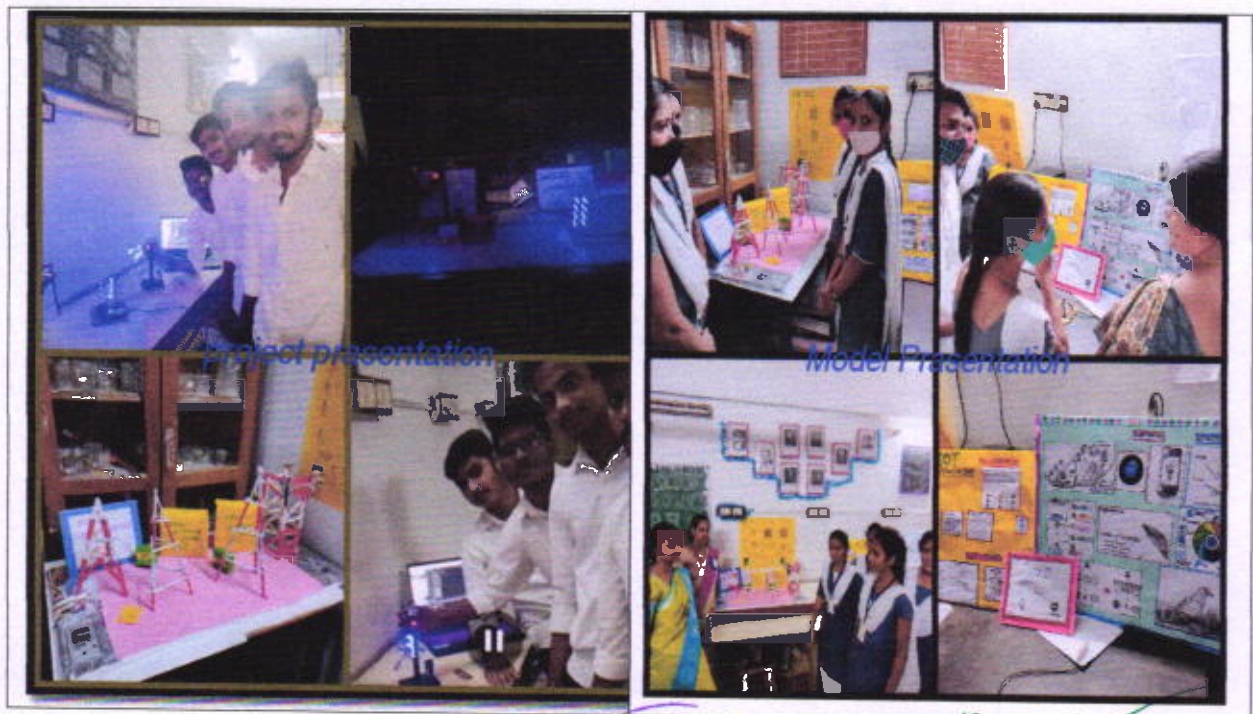
M.V.R. DEGREE COLLEGE

(UG & PG Courses)

(Affiliated to Andhra University)

Shramika Nagar, Gajuwaka, Visakhapatnam-53002

Science model presentation by students



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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026



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(UG & PG Courses)

(Affiliated to Andhra University)

Shramika Nagar, Gajuwaka, Visakhapatnam-530026



Science projects and model presentation by students



Principal
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Shramika Nagar, Gajuwaka, Visakhapatnam-530026



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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026



M.V.R. DEGREE COLLEGE

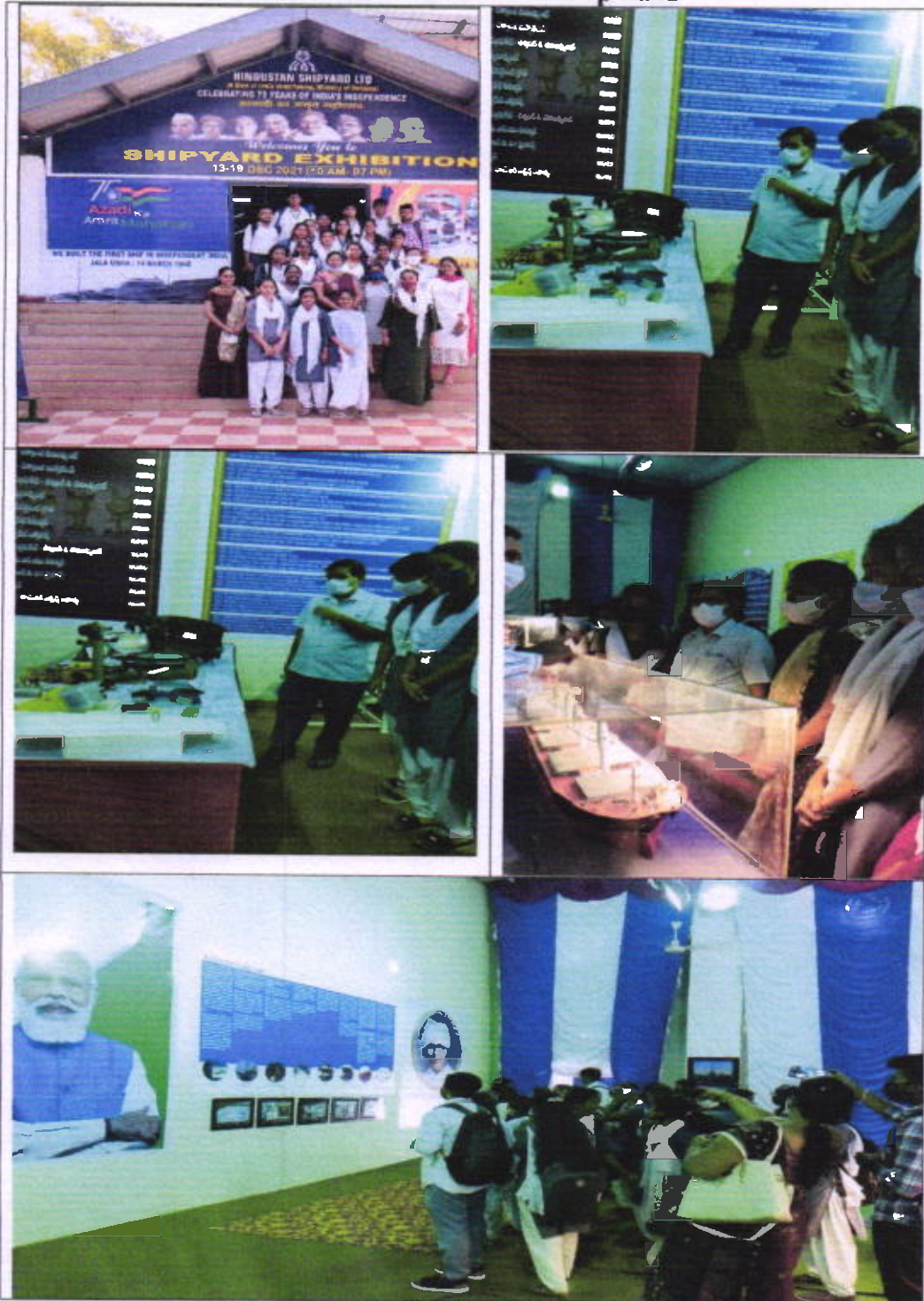
(UG & PG Courses)

(Affiliated to Andhra University)

Shramika Nagar, Gajuwaka, Visakhapatnam-530026

Commerce and Management

Students- Industrial Visits to Ship Yard




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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

M.V.R Degree College

(UG & PG Courses)

SHRAMIKANAGAR, CHINAGANTYADA

GAJUWAKA, VISAKHAPATNAM - 530026

Library and learning resources



PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

LAPLACE TRANSFORM AND ITS APPLICATIONS

A PROJECT REPORT SUBMITTED TO ANDHRA UNIVERSITY
VISAKHAPATNAM

In partial fulfillment of the requirements of the award of the degree of

BACHELOR OF SCIENCE

By

M.SASIDHAR

(Regd.No. 718130405455)

Under the esteemed guidance of

Dr.CH.RAMASANYASI RAO

M. SC

Lecturer in Mathematics

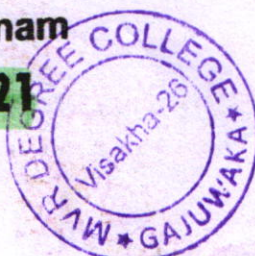



M.V.R. DEGREE COLLEGE

Department of Mathematics
(Affiliated to Andhra University)

Visakhapatnam

2018-2021




PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

This is to certify that the project report entitled "A STUDY OF LAPLACE TRANSFORM" being submitted by G.NAVYA, REGD NO:718130405408 student of Bachelor of science in a partial fulfillment for the award of the Bachelor of science in Mathematics during the academic year 2020-2021

Dr Ch. Ram
Project Guide:

Dr. CH. RAMASANYASI RAO

M.Sc

Department of Mathematics

MVR Degree College

Visakhapatnam

Dr Ch. Ram

Head Of the Department:

Dr. CH. RAMASANYASI RAO

M.sc, M.Phil, M.Tech, Ph.D

Department of Mathematics

MVR Degree College

Visakhapatnam

Dr Ch. Ram

Internal Examiner:

External Examiner:



Dr Ch. Ram
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

LAPLACE TRANSFORM AND ITS APPLICATIONS

A PROJECT REPORT SUBMITTED TO ANDHRA UNIVERSITY
VISAKHAPATNAM

In partial fulfillment of the requirements of the award of the degree of
BACHELOR OF SCIENCE

By
K.SHIRISHA

(Regd.No.717130405303)

Under the esteemed guidance of

KUM.P.PRIYANKA

M.SC

Lecturer in Mathematics

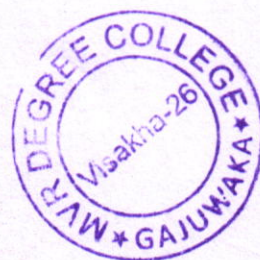


M.V.R. DEGREE COLLEGE

Department of Mathematics
(Affiliated to Andhra University)

Visakhapatnam

(2017-2020)



[Signature]
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

This is to certify that the project report entitled "A STUDY OF LAPLACE TRANSFORM" being submitted by K.SHIRISHA, REGD NO:717130405303, student of Bachelor of science in a partial fulfillment for the award of the Bachelor of science in Mathematics during the academic year 2019-2020.

P. Priyanka.
Project Guide:

Kum. P. Priyanka

M.Sc

Department of Mathematics

MVR Degree College

Visakhapatnam

Dr. Ch. Ram
Head Of the Department:

Dr. CH. RAMASANYASI RAO

M.sc, M.Phil, M.Tech, Ph.D

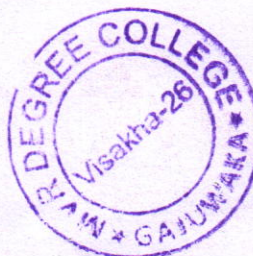
Department of Mathematics

MVR Degree College

Visakhapatnam

Internal Examiner: *Dr. Ch. Ram*

External Examiner: *P*



LM
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

A PROJECT ON FIRST DIFFERENTIAL EQUATION AND ITS APPLICATIONS

A PROJECT SUBMITTED TO ANDHRA UNIVERSITY,

VISAKHAPATNAM

**IN PARTIAL FULFILMENT FOR THE REQUIREMENTS OF THE AWARD OF
THE DEGREE OF**

BACHELOR OF SCIENCE

BY

CHLUMURI PUSHKARANI

(REG. NO : 718130405281)

UNDER THE ESTEEMED GUIDANCE OF

B.ARUNA DURGA LAKSHMI M.Sc

DEPARTMENT OF MATHEMATICS



M.V.R DEGREE COLLEGE

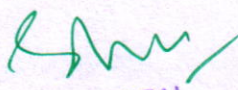
DEPARTMENT OF MATHEMATICS

(AFFILIATED TO ANDHRA UNIVERSITY)

VISAKHAPATNAM

2018-2021




PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

This is to certify that the project report entitled "A STUDY DIFFERENTIAL EQUATION" being submitted by, **CHLUMURI PUSHKARANI** Regd: 718130405281, students of Bachelor of Science, is a record of bonafide work carried out by her under my guidance and supervision.

B. Aruna
PROJECT GUIDE:

B. ARUNA DURGA LAKSHMI

M.Sc

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

Dr. Ch. Ramasanyasi Rao
HEAD OF THE DEPARTMENT:

Dr. CH. RAMASANYASI RAO

M.Sc, M.Tech, M.Phil, Ph.D

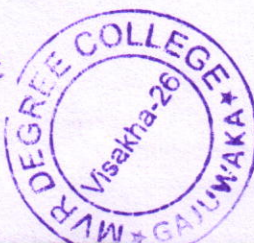
DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

INTERNAL EXMINER: *Dr. Ch. Ramasanyasi Rao*

EXTERNAL EXMINER: _____

Principal
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-5300



A PROJECT ON FIRST DIFFERENTIAL EQUATION AND ITS APPLICATIONS

A PROJECT SUBMITTED TO ANDHRA UNIVERSITY,

VISAKHAPATNAM

**IN PARTIAL FULFILMENT FOR THE REQUIREMENTS OF THE AWARD OF
THE DEGREE OF**

BACHELOR OF SCIENCE

BY

KANURU LEELA KUMARI

(REG. NO : 718130405313)

UNDER THE ESTEEMED GUIDANCE OF

B.ARUNA DURGA LAKSHMI M.Sc

DEPARTMENT OF MATHEMATICS



M.V.R DEGREE COLLEGE

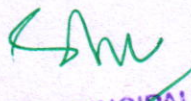
DEPARTMENT OF MATHEMATICS

(AFFILIATED TO ANDHRA UNIVERSITY)

VISAKHAPATNAM

2018-2021




PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530023

CERTIFICATE

This is to certify that the project report entitled "A STUDY DIFFERENTIAL EQUATION" being submitted by, **KANURU LEELA KUMARI** Regd: 718130405313, students of Bachelor of Science, is a record of bonafide work carried out by her under my guidance and supervision.

B. Laxmi
PROJECT GUIDE:

B.ARUNA DURGA LAKSHMI

M.Sc

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

Dr Ch. Ramu
HEAD OF THE DEPARTMENT:

Dr. CH. RAMASANYASI RAO

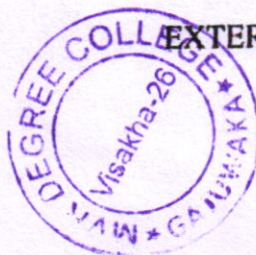
M.Sc, M.Tech, M.Phil, Ph.D

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

INTERNAL EXMINER: *Dr Ch. Ramu*

Shw
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026



EXTERNAL EXMINER: _____

**A STUDY ON
LINEAR ALGEBRA AND ITS APPLICATIONS**

A project submitted to ANDHRA UNIVERSITY

Visakhapatnam

In partial fulfilment of the award of the degree of

BACHELOR OF SCIENCE

By

KURMASULA PUJITHA

REG.NO-718130405003

Under the esteemed guidance of

P.JAYALAKSHMI M.Sc

LECTUERE IN MATHEMATICS



M.V.R.DEGREE COLLEGE

Department of Mathematics

(AFFILIATED TO ANDHRA UNIVERSITY)

VISAKHAPATNAM

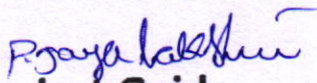
(2018-2021)



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PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

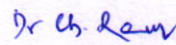
This is to certify that the project report entitled " A study on Linear Algebra And Its Applications" being submitted by **KURMASULA PUJITHA**, Registration No: **718130405003**, student of Bachelor of Science (Final year) in Partial fulfilments for the award of the Bachelor of Science, is a record of bonafide work carried out by her and my guidance and supervision.


Project Guide

P.JAYALAKSHMI (M.Sc)

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

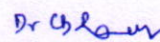

Head of Department

Dr.CH.RAMA SANYASI RAO

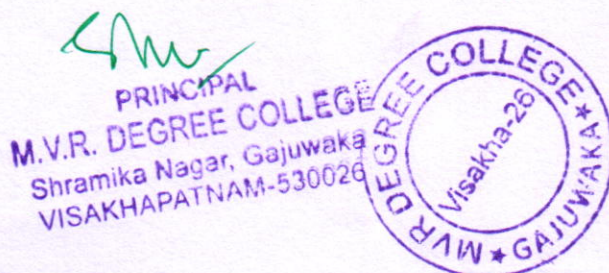
M.Sc,M.Tech,M.Phil,Ph.D

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE


INTERNAL EXAMINER

EXTERNAL EXAMINER



A PROJECT ON REPRESENTING
"ONLINE VS OFFLINE EDUCATION"

A PROJECT REPORT SUBMITTED TO ANDHRA
UNIVERSITY

VISAKHAPATNAM

IN PARTIAL FULFILLMENT OF THE AWARD OF
THE DEGREE OF GRADUATES OF STATISTICS BY:

K.LAKSHMI MOULYA
J.LIKITHA
L.GANGA BHAVANI
J.RISHITHA
P.LAKSHMI PRASANNA
M.FATIMA
P.MADURI
MOUNA PRIYANKA
BHARATHI.G
NAVYA.D

718130405312
718130405256
718130405318
718130405302
718130405344
718130405330
718130405340
718130405246
718130405254
718130405253

VANLV
SIREESHA.P
DIVYA.G
LIKITHA.M
PADMAVATHI.G
AMANLP
DEEPIKA.S
BHAVANA.K
EKISTHA.T
TANMALG

718130405364
718130405342
718130405296
718130405320
718130405295
718130405339
718130405348
718130405311
718130405361
718130405294

UNDER THE ESTEEMED GUIDANCE OF

MRS.SK.KAISER M.SC

(STATISTICS)

DEPARTMENT OF STATISTICS



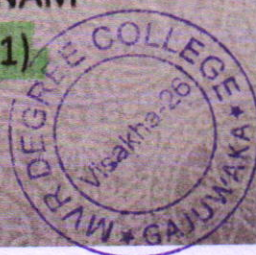
M.V.R DEGREE COLLEGE

DEPARTMENT OF STATISTICS

(AFFILIATED TO ANDHRA UNIVERSITY)

VISAKHAPATNAM

(2018-2021)



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M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530029

CERTIFICATE

This is to certify that the project report entitled "ONLINE VS OFFLINE EDUCATION"
being submitted by

K.LAKSHMI MOULYA	718130405312	SIREESHA.P	718130405342
J.LIKITHA	718130405256	DIVYA.G	718130405296
L.GANGA BHAVANI	718130405318	LIKITHA.M	718130405320
J. RISHITHA	718130405302	PADMAVATHLG	718130405295
P.LAKSHMI PRASANNA	718130405344	AMANLP	718130405339
M.FATIMA	718130405330	DEEPIKA.S	718130405348
MOUNA PRIYANKA	718130405246	BHAVANA.K	718130405311
BHARATHLG	718130405254	EKISTHA.T	718130405361
NAVYA.D	718130405253	TANMALG	718130405294
VANLV	718130405364		

Students of Bachelor of Science in partial fulfilment for the award of Bachelor of Science,
record of confide work carried out by our Department supervision.

SK. Kaiser

PROJECT GUIDE

Mrs.SK. KAISER

DEPARTMENT OF STATISTICS

MVR DEGREE COLLEGE

SK. Kaiser

HEAD OF THE DEPARTMENT

Mrs.SK. KAISER

DEPARTMENT OF STATISTICS

MVR DEGREE COLLEGE

Srinivas

INTERNAL

EXTERNAL



Shw
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Garuwaka
VISAKHAPATNAM-530026

**A PROJECT REPORT FACE MASK DETECTION
ON
PRODUCT RECOMMENDER SYSTEM FOR PURCHASE IN E-COMMERCE
For Partial fulfilment of the award of the degree of
BACHELOR OF SCIENCE
In
COMPUTER SCIENCE
BY**

S.KAMALA (718130405216)

R .GANGA BHAVANI (718130405207)

K. AKHILA (718130405177)

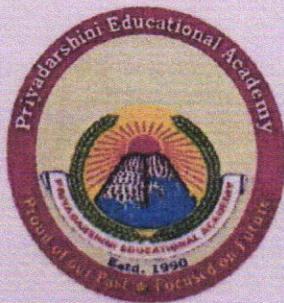
Y. LALITHA (718130405232)

P.CHANDINI (718130405197)

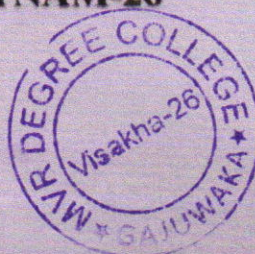
G. SUJATHA

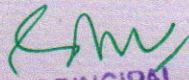
MSC

**Under the esteemed guidance of
Lecturer of Computer Science**



**DEPARTMENT OF COMPUTER SCIENCE
M.V.R.DEGREE COLLEGE
(Affiliated to Andhra University NAAC ACCREDITED COLLEGE)
GAJUWAKA, VISAKHAPATNAM-26
(2018-2021)**




**PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530020**

ONLINE ART GALLERY

The project report is submitted in partial fulfillment of the requirements for the
onward of degree of

Bachelor of Science (B. Sc.)

In

Computer Science

Submitted by

M.TEJASRI	(718130405260)
A. YAMUNA	(718130405266)
K. SANDHYA	(718130405314)
CH. AKHILA	(718130405283)
SHILPA BEHERA	(718130405353)
L. BHAVYA	(718130405124)

Under the esteemed guidance of

Ms. G.SUJATHA (M.S.C)

Department of Computer Science



M.V.R. Degree College

Department Of Computer Science

(Affiliated to Andhra University)

Gajuwaka, Visakhapatnam

(2018-2021)



[Signature]
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

A STUDY ON
STUDENT FACULTY DOCUMENT SHARING

A Project submitted to Andhra University,
Visakhapatnam

In partial fulfilment for the award of the degree of
BACHELOR OF SCIENCE

BY

G.GOUTHAME (REG. NO : 718130405158)
T VIJAYA DURGA (REG. NO : 718130405225)
CH.BHARGAV (REG. NO : 718130405152)
M.ASHA (REG. NO : 718130405126)
S.CHANDRA MOULI (REG. NO : 718130405221)

Under the esteemed guidance of

Ms.G.Sujatha

M.Sc

Department of Computer Science

Lecturer in Computer Science

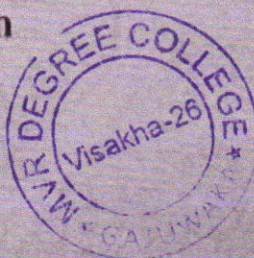


M.V.R DEGREE COLLEGE

Department of Computer Science
(Affiliated to Andhra University)

Visakhapatnam

2018-2021



[Signature]
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

A STUDY ON
CYBER BULLYING

A Project submitted to Andhra University,

Visakhapatnam

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE

BY

R.NARENDRA (REG. NO : 718130405131)

A.SIVA SAI KUMAR (REG. NO : 718130405141)

P.ARAVIND (REG. NO : 718130405203)

M.BHUPATI VARMA (REG. NO : 718130405181)

Under the esteemed guidance of

Ms.G.Sujatha

(M.Sc)

Department of Computer Science

Lecturer in Computer Science



M.V.R DEGREE COLLEGE

Department of Computer Science

(Affiliated to Andhra University)

Visakhapatnam

2018-2021



[Signature]
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

This is to certify that the project "CYBER BULLYING" titled is being submitted by

R.NARENDRA (REG. NO : 718130405131)

A.SIVA SAI KUMAR (REG. NO : 718130405141)

P.ARAVIND (REG. NO : 718130405203)

M.BHUPATI VARMA (REG. NO : 718130405181)

in B.sc Computer Science is a record bonafide work carried out by us under the guidance of Ms.G.Sujatha. The results embodied in this report have not been submitted to any other University for the award of any degree.

G. Sujatha

Project Guide

Ms.G.Sujatha (M.sc)

Department of the Computer Science

MVR DEGREE COLLEGE

G. Sujatha

Head of Department

Ms.G.Sujatha(M.sc)

Department of Computer Science

MVR DEGREE COLLEGE

G. Sujatha

Internal Examiner:

External Examiner:



[Signature]
PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

**SECURITY USING MULTI-TIER AUTHENTICATION
PROCESS FOR PRIVATE CLOUD SERVICES**

(A project submitted to ANDHRA UNIVERSITY)

VISAKHAPATNAM

**For Partial fulfilment of the award of the degree of
BACHELOR OF SCIENCE**

In

COMPUTER SCIENCE

BY

B.KAMALA PRIYA (718130405149)

S.MEGHANA (718130405132)

S.NIKITHA (718130405211)

PREETHI PAL (718130405204)

P.BHUVANESWARI (718130405205)

CH.BHARATHI (718130405120)

**Under the esteemed guidance of
Mr.M.RAMESH KUMAR, M.Tech
Lecturer of Computer Science**



DEPARTMENT OF COMPUTER SCIENCE

M.V.R.DEGREE COLLEGE

(Affiliated to Andhra University NAAC ACCREDITED COLLEGE)



[Signature]
**PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026**

A
PRODUCT RECOMMENDER SYSTEM FOR PURCHASE IN
E - COMMERCE

*A Project report submitted in partial fulfilment of the requirements for
the award of the degree of*

BACHELOR OF SCIENCE
IN
COMPUTER SCIENCE

Submitted By

CH.SAMYUKTHA	(718130405151)
M.SUNITHA	(718130405188)
M.ROHINI DEVI	(718130405190)
N.VARA LAKSHMI	(718130405194)
RAJU SARKAR	(718130405208)
S.SRAVANI	(718130405213)
SHANKAR RAI	(718130405219)

Under the guidance of
Ambapi Shanti Rani, M.Tech
Lecturer of Computer Science



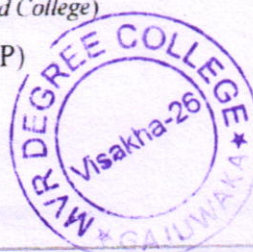
DEPARTMENT OF COMPUTER SCIENCE


M.V.R DEGREE COLLEGE

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Gajuwaka, Visakhapatnam dist.(A.P)

2020-2021




PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

A STUDY ON
ONLINE MANAGEMENT

A Project Submitted To Andhra University,
In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE
IN
COMPUTER SCIENCE**

SUBMITTED BY

ILLA JYOTHI SAI RAM	(REG. NO : 718130405439)
MOHAMMED ANWAR	(REG. NO : 718130405415)
SARTAJ KAREEM	(REG. NO : 718130405477)
RAHUL YADAV	(REG. NO : 718130405472)
MOHAMMED ASHRAF VALI	(REG. NO : 718130405459)
BAIDYANATH PANDIT	(REG. NO : 718130405427)

Under the esteemed guidance of

M Ramesh Kumar (M.Tech)

Department of Computer Science

Lecturer in Computer Science



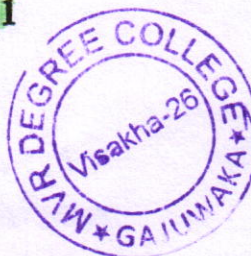
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Visakhapatnam

2018-2021




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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

MVR DEGREE AND PG COLLEGE

A project on

HOME LOANS

A project report is submitted in partial fulfillment of the of Bcom V Sem

BY

M.PRAVEEN BABU

Regd. No. 119130403011

Under the esteemed guidance of

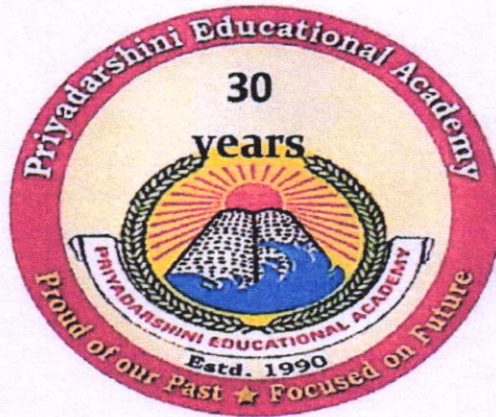
Sri. B.Ratna Kumar

M.COM, B.L, P.G.D.T. (MBA)

Assistant professor

Commerce Department, MVR DEGREE COLLEGE

Accredited by NAAC



DEPARTMENT OF COMMERCE

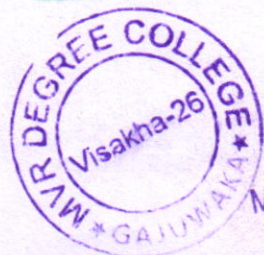
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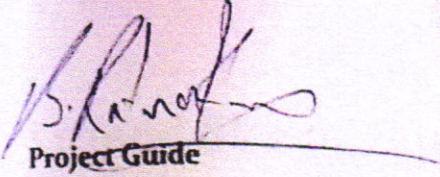
2021-22



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VISHAKHAPATNAM-530026

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This is to certify that project for V semester
B.COM is being submitted by M.PRAVEEN BABU,
Reg no. 119130403011 for the academic year 2021-
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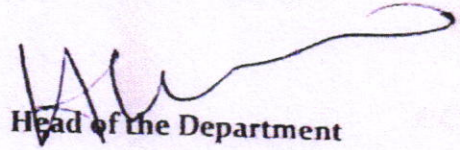
SRI B.RATNA KUMAR

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Department of commerce

M.V.R Degree college

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Head of the Department

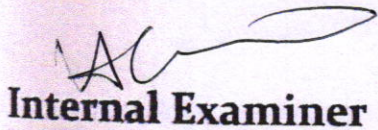
V.A. KAMESHWAR RAO

M.COM.P.G,DIRPM(MBA)

Department of commerce


M.V.R Degree college

Gajuwaka, Vishakhapatna

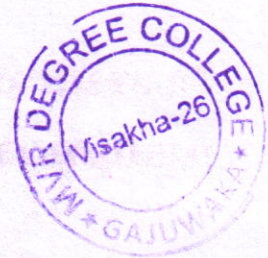


Internal Examiner

External Examiner

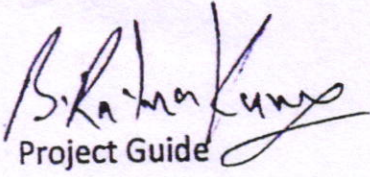


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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-531



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This is to certify that project for IV semester B.COM is being submitted by ROHIT KUMAR SINGH Reg no.118130403017 for the academic year 2020-21


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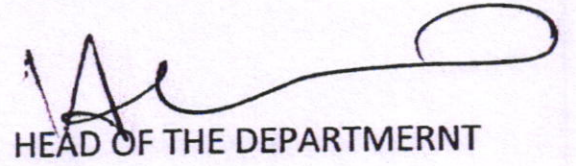
SRI .B.RATNA KUMAR

M.COM,BL.,P.G.D.T

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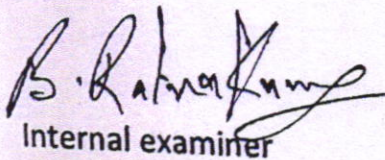
V.A. KAMESHWARA RAO

M. Com, P.G. DIRPM (MBA)

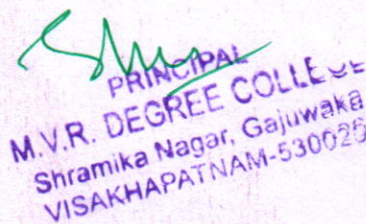
Department of commerce

M.V.R. Degree College

Gajuwaka Vishakhapatnam


Internal examiner

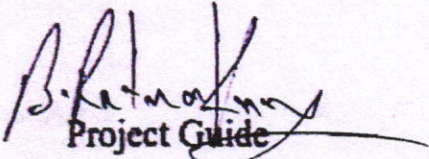
External examiner


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VISAKHAPATNAM-530025



CERTIFICATE

This is to certify that project for VI Semester B.COM is being submitted by PALLA SONIYA , Regd no. 118130403014 for the academic year 2020-2021.



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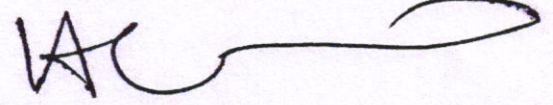
SRI. B. RATNA KUMAR
RAO

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(MBA)

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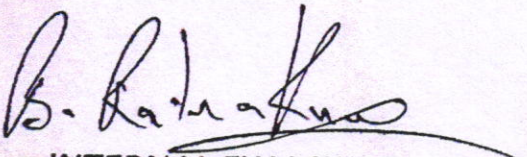
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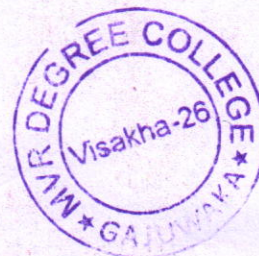


INTERNAL EXAMINER

EXTERNAL EXAMINER



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M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026



**A STUDY ON
GROUP THEORY**

A Project submitted to Andhra University,
Visakhapatnam

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE

BY

S.BHARGAVI

(REG. NO : 718130405215)

Under the esteemed guidance of

V.REVATHI

M.Sc

Lecturer of Mathematics



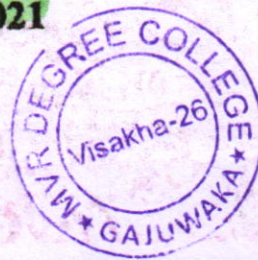
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Department of Mathematics

(Affiliated to Andhra University)

Visakhapatnam

2018-2021




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Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530025

CERTIFICATE

This is to certify that the project report entitled "Fourier transforms and applications" being submitted by, ALLADA LEELA SRI SAI RAMYA Regd: 718130405008, students of bachelor of science, is a record of bonafide work carried out by her under my guidance and supervision.

Dr Ch. Ram

PROJECT GUIDE:

Dr. CH. RAMASANYASI RAO

M.Sc, M.Tech, M.Phil, Ph.D

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

Dr Ch. Ram

HEAD OF THE DEPARTMENT:

Dr. CH. RAMASANYASI RAO

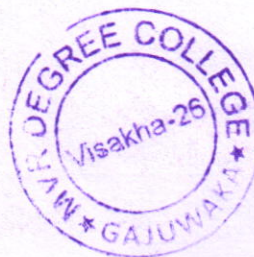
M.Sc, M.Tech, M.Phil, Ph.D

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

INTERNAL EXMINER: *Dr Ch. Ram*

EXTERNAL EXMINER: _____



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PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530020

**A STUDY ON
FOURIER TRANSFORM AND ITS APPLICATIONS**

A Project submitted to Andhra University,

Visakhapatnam

In partial fulfilment for the award of the degree of

BACHELOR OF SCIENCE

BY

ALLADA LEELA SRI SAI RAMYA

(REG. NO : 718130405008)

Under the esteemed guidance of

Dr.CH RAMASANYASI RAO

M.Sc, M.Tech, M.Phil, Ph.D

Department of Mathematics

Lecturer in Mathematics



M.V.R DEGREE COLLEGE

Department of Mathematics

(Affiliated to Andhra University)

Visakhapatnam

2018-2021



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M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka
VISAKHAPATNAM-530026

CERTIFICATE

This is to certify that the project report entitled "A STUDY ON GROUP THEORY" being submitted by, **S.BHARGAVI** Regd: 718130405215, students of Bachelor of Science, is a record of bonafide work carried out by her under my guidance and supervision.

V. Revathi
PROJECT GUIDE:

V.REVATHI

M.Sc

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

Dr Ch. Ram
HEAD OF THE DEPARTMENT:

Dr. CH. RAMASANYASI RAO

M.Sc, M.Tech, M.Phil, Ph.D

DEPARTMENT OF MATHEMATICS

M.V.R DEGREE COLLEGE

INTERNAL EXMINER: *Dr Ch. Ram*

EXTERNAL EXMINER: _____

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