

MRS AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A" grade

Visakhapatnam
Date: 28-06-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course for "INFERENTIAL STATISTICS"

Dates: 08-06-2023 TO 28-06-2023

Resource person: CH.MALLIKA

Gmail: mallikach@avncollege.ac.in

Phone no: 9948250799

Name of the coordinator: P.GANDHI

No of student attended: 25 ✓

No of contact hours: 30 hours

Learning outcomes:

1. To acquaint with estimator, estimates, estimation techniques and its properties.
2. To acquire knowledge of testing the hypothesis of different distributions.
3. To learn about the large sample techniques by using various tools.

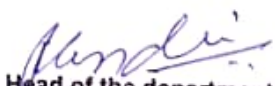
Lower order	40%	This version cuts down on complex theory and keeps the focus on understanding the core concepts of Inferential Statistics in a simpler way. The goal would be to give students a basic understanding of how we make conclusions about populations from samples.
Higher order	60%	A strong background in foundational statistics, calculus, linear algebra, and computational methods. It integrates deep theoretical aspects of statistics with practical applications in modern data science and statistical learning. Advanced students would also be encouraged to engage in research, projects, or applied work using real-world datasets.

Course content: Throughout the course, students would likely practice with datasets, applying techniques such as hypothesis testing, confidence intervals, and regression analysis using statistical software.

Assessment procedure:

Paper test (paragraph questions): 100%


Program coordinator: P.GANDHI


Head of the department
P. GANDHI, M.Sc, M.Phil
Head of the Department
Department of Mathematics & Statistics

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MRS AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A" grade

Visakhapatnam
Date:28-07-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course " **Analytical skills**"

Dates: **08-07-2023 TO 28-07-2023**

Resource person: N.ANANTHA LAKSHMI

Gmail: ananthalakshmineeladri@avncollege.ac.in

Phone no: 9848609719

Name of the coordinator: CH.MALLIKA

No of student attended: **50**

No of contact hours: **30 hours**

Learning outcomes: Critical Thinking and Problem Identification, Data Recognition and Collection, Logical and Analytical Reasoning, Data Analysis and Interpretation, Application of Analytical Skills, Communication of Analytical Findings.

Lower order	40%	comprehension, recognition, and the ability to carry out basic analytical tasks. They are the building blocks for developing higher-order analytical skills.
Higher order	60%	Complex situations, solve advanced problems, and generate novel insights. They require not only applying existing knowledge but also creating new knowledge or improving analytical methods.

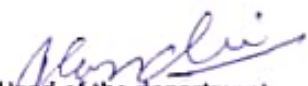
Course content: This course content covers a comprehensive range of skills and techniques that contribute to developing strong analytical abilities, from foundational understanding to practical application.

Basic properties- The foundation for developing stronger and more advanced analytical skills and enable individuals to make sound judgments, solve problems, and interpret data more effectively.

Assessment procedure:

Paper test (paragraph questions): 100%


Program coordinator: CH.MALLIKA


Head of the department
P. GANDHI, Ph.D., M.Phil
Head of the Department
Department of English
Mrs. AVN College, Visakhapatnam

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Mrs. AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A"

Date: 21/12/2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course on "**Industrial Transducers**"

Dates: 03-01-2018 to 22-02-2018

Resource person: SHAIK NADEEM

Email: .mdnadeem750507@gmail.com

Phone no: 9133750507

Name of the coordinator: D.SANTHOSH KUMAR

No of student attended: 30

No of contact hours: 30

Learning outcomes:

After successful completion of this course, students will get knowledge on Basic Analog and Digital Instruments from the practical to understand how Industrial Instruments will help you create your own successful knowledge of Clinical and Biomedical medical instruments and Laboratories

Lower order	40%	Identify various facilities required to set up a basic Instrumentation Acquire a critical knowledge of various Electrical Instruments use
Higher order	60%	Understand the Principle and operation of different display devices the applications of various biomedical instruments

Course content:

- Identify various facilities required to set up a basic Instrumentation.
- Acquire a critical knowledge of various Electrical Instruments use.
- Basic understanding of digital systems and their applications
- Demonstrate skills in using instruments like Rectifiers, Multimeters, Power supplies

Meaning, scope and limitations of Assessment procedure:


Meaning: Assessment involves the use of experimental data on student's learning to refine programs and improve students' learning. Assessment is tightly linked with the learning process. Similarly, it unites with the course of study and teaching. For keeping a check on students progress and achievement, we conducted a written test. A written test and offline exams can be used to assess students' learning. Tests are given to assess how much each student knows and what students still need to learn. The procedure for giving tests is as follows:

Students take the test individually and is to be graded by the teacher.

Limitation: This test does not have self assessment of student. The assessment can be done only by teacher lecturer

Paper test (Paragraph questions); 100%

Program coordinator:


Head of the department

Head of the Department of
Physics, Electronics and Computer Science
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM-530001

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Mrs. AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A"

Date:15-03-2024

Program report of Certificate course/Add on course

Name of the Event: Certificate course on "Mobile Application Development using Android"

Dates: 22/01/2024 to 14/03/2024

Resource person: D. Santhosh Kumar

Email: santhosh.devara@gmail.com

Phone no: 8309053866

Name of the coordinator: D.Santhosh Kumar

No of student attended: 30

No of contact hours: 30

Learning outcomes:

After successful completion of this course, students will get knowledge on developing the basic android mobile applications using java. Students will learn concepts and features of Android operating system. They can install android studio and configure Android environment and tools. By using layouts and controls, students can create good user interfaces. They will learn how to use Interface components and how to use databases in Android applications. Students will get knowledge how applications can be published.

Lower order	40%	Knowledge on features and basic components of Android. Installation of Android studio and configuring the settings, layouts and controls of user interfaces.
Higher order	60%	Knowledge on creating good user interfaces, creating android applications using databases and publishing the applications.

Course content:

1. Identify various concepts and features of Android operating system.
2. Configure Android environment and development tools.
3. Develop rich user interfaces by using layouts and controls.
4. Use User Interface components for android application development.
5. Create Android application using database.
6. Publish Android applications.

Meaning, scope and limitations of Assessment procedure:

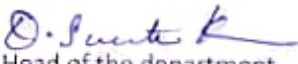
Meaning: Assessment involves the use of experimental data on student's learning to refine programs and improve students' learning. Assessment is tightly linked with the learning process. Similarly, it unites with the course of study and teaching. For keeping a check on students progress and achievement, we conducted a written test. A written test can be used to assess students' learning. Tests are given to assess how much each student knows and what students still need to learn. The procedure for giving tests is as follows:

- Students take the test individually and is to be graded by the teacher and the other is kept for group discussions

Limitation: This test does not have self assessment of student. The assessment can be done only by teacher.

Paper test (paragraph questions): 100%


Program coordinator:


Head of the department
Head of the Department of
Physics, Electronics and Computer Sci
Mrs. A.V.N. COLLEGE
VISA KHAPATNAM.530001

Mrs. AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A"

Date: 26-10-2023

Program report of Certificate course/Add on course

Name of the Event: Certificate course on "Data Science using Python"

Dates: 12/09/2023 to 25/10/2023

Resource person: D. Santhosh Kumar

Email: santhosh.devara@gmail.com

Phone no: 8309053866

Name of the coordinator: D. Santhosh Kumar

No of student attended: 30

No of contact hours: 30

Learning outcomes:

After successful completion of this course, students will get knowledge on fundamentals of Data science, features, advantages of data science. Students will acquire the knowledge on Basics of Python and how Python libraries such as Numpy, Pandas are used in data science.

Lower order	40%	Knowledge on features, advantages and applications of data science, various phases in collection of the data, cleaning and verification of data in data science.
Higher order	60%	Knowledge on basics of Python, Numpys and Pandas in Python.

Course content:

- Recognize the various discipline that contribute to a successful data science effort.
- Understand the processes of data science identifying the problem to be solved, data collection, preparation, modeling, evaluation and visualization.
- Be aware of the challenges that arise in Data Sciences.

- Understands and learn all basic concepts of Python
- Python Program Data Analysis methods in Python
- Get used with Python Programming environments

Meaning, scope and limitations of Assessment procedure:

Meaning: Assessment involves the use of experimental data on student's learning to refine programs and improve students' learning. Assessment is tightly linked with the learning process. Similarly, it unites with the course of study and teaching. For keeping a check on students progress and achievement, we conducted a written test. A written test can be used to assess students' learning. Tests are given to assess how much each student knows and what students still need to learn. The procedure for giving tests is as follows:

- Students take the test individually and is to be graded by the teacher and the other is kept for group discussions

Limitation: This test does not have self assessment of student. The assessment can be done only by teacher.

Paper test (paragraph questions): 100%

D. Santosh
Program coordinator:

D. Santosh
Head of the department
Physics, Electronics and Computer
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM-530001

Mrs. AVN COLLEGE, VISAKHAPATNAM
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 Accredited by NAAC "A"

Date:13-12-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course on "SOLAR RADIATION BASICS AND MEASUREMENTS"

Dates: 13-11-2023 to 12-12-2023

Resource person: G. SANKARA NARAYANA Email: gsnrao61@avncollege.ac.in

Name of the coordinator: D. SANTOOSH KUMAR Phone no: 8309053866

No of student attended: 30 No of contact hours: 30

Learning outcomes:

After successful completion of this course:

- Students will get knowledge on solar energy utilization and how to use the solar energy in a productive way.
- They also understand to reduce the pollution due to fossil fuels

Lower order	40%	Knowledge on Solar Radiation and Energy and it's usages
Higher order	60%	Knowledge on Solar cookers, water heaters, lights, and less production of green house Gasses

Course content:

- Basics of Solar Energy
- Radiation analysis
- Types of instruments
- Global Energy

Meaning, scope and limitations of Assessment procedure:

Meaning: Assessment involves the use of experimental data on student's learning to refine programs and improve students' learning. Assessment is tightly linked with the learning process. Similarly, it unites with the course of study and teaching. For keeping a check on student's progress and achievement, we conducted a written test. A written test can be used to assess students' learning. Tests are given to assess how much each student knows and what students still need to learn. The procedure for giving tests is as follows:

- Students take the test individually and is to be graded by the teacher and the other is kept for group discussions
- Paper test(paragraph questions):100%
- Practical Test :100%
-

Limitation: This test does not have self assessment of student. The assessment can be done only by teacher. This Course meant for the development of Knowledge among the students.

D. Suresh K
Program coordinator:

D. Suresh K
Head of the Department of
Physics, Electronics and Computer Science
Mrs. A.V.N. COLLEGE
VISA KHAPATNAM, 530001



ESTD: 1860

Mrs. A V N COLLEGE
21-1-17, 1 Town
Visakhapatnam 530001

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164 Years Old Premier Institute of Higher Learning, Permanently Affiliated to Andhra University –
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Recognized Under UGC Act Section 12(b) and 2(f), NAAC Re-Accredited "A" Grade with CGPA 2.88 / 4.00
(4th Cycle) in 2024,
Chairman: Collector and District Magistrate of Visakhapatnam, Shri M.N.Harendhira Prasad, I.A.S.,

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Mission: TO CREATE A THRIVING COMMUNITY FOR THE DEVELOPMENT OF EDUCATION, CULTURE
AND SOCIAL VALUES

M Simhadri Naidu, M.Com., MBA, UGC-NET & AP-SET

Date: 01.11.2023
Visakhapatnam

Programme Report (Certificate Course / Add on Course) Name of the Event certificate
course on How to Access Information from Library Awareness Programme.

Library Technology and Automation

Date: 14-11-2023 to 30-12-2023

Resource Person: K.Anitha Kumari

Mail: swarajyalakshmi@avncollege.ac.in

Ph.No: 9949939051

Name of the Co-Ordinator : Smt.M.Swarajya Lakshmi

No.Of Students Attended: 80 ✓

No.Of Contact hours: 39 hrs

Learning outcomes:

Lower Grade	50%	To understand the basic knowledge of library usage
Higher Grade	50%	To understand the basic knowledge of N-list

Course Content:

Using of Class Books & Special Collections
Career Guidance Cell
How to register in N-List
Login-Logout ,PG patasala ,shodh sindu,j-stor
Automation ect.,
Paper test : Objectives types questions-100%

Program Co-Ordinator:

M. Swarajya Lakshmi, MA, MLisc., MA. Music
Head of the Department
Department of Library Information Science
Mrs. AVN College, Visakhapatnam-530 001

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Mrs A V N College, Visakhapatnam
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC 'B++' Grade

Visakhapatnam
Date: 03/6/2024

Program Report (Certificate course/Add-on course)

Name of the Course: III BA (HEP) **Insurance Risk Management**

Dates: 03/6/2024 TO 12/7/2024

Resource Person: B.JAGADESHWARA RAO

Email: bjagadeesh@lbc.edu.in

Ph No: 9908943669

Name of the Coordinator: G.YESHAYYA

No of Students attended: 30

No. of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	<ul style="list-style-type: none">Evaluate the growth and Development of Insurance Business.Understand the working and functioning of the Insurance Sector.
Higher Order	60%	<ul style="list-style-type: none">Study the inter-relationship between Insurance & Risk Management.Analyze the Role of Insurance Business Intermediaries

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%


Program coordinator: G.YESHAYYA


HOD - ECONOMICS

Head of the Department
Economics
Mrs. AVN College
Visakhapatnam-530 001

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M; Mrs A V N College, Visakhapatnam
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC 'B++'Grade

Visakhapatnam
Date 13-12-24

Program Report (Certificate course/Add-on course)

Name of the Course: CERTIFICATE COURSE IN MODAL AUXILIARIES AND PHONETICS

Dates: 1-3-2024 TO 12-4-2024

Resource Person: P Krishna Kumari

Ph No: 8008265444

Name of the Coordinator: P Rajani

No of Students attended: 30

No. of contact hours: 30 Hours

Learning outcomes:

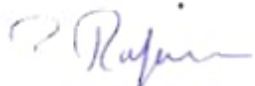
Lower order	40%	<ul style="list-style-type: none">Express their moods and emotions in our daily lifeEnable to learn the right pronunciationEnable the students to learn the articulation of speech
Higher Order	60%	<ul style="list-style-type: none">To be able to explain how the change of modal verb can change the meaning of the sentence abilities, possibilitiesFrame sentences to convey obligation

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%


Program Coordinator P. Rajani


HOD

Head of the Department
Department of English
Mrs. AVN College, Visakhapatnam

Mrs A V N College, Visakhapatnam
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC 'A' Grade

Visakhapatnam
Date: 05/2/2024

Program Report (Certificate course/Add-on course)

Name of the Course: III BA (HEP) Tourism Guidance

Dates: 05/2/2024 TO 15/3/2024

Resource Person: D.PRAVEEN

Email: Praveendeddamm286@gmail.com

Ph No: 9963868899

Name of the Coordinator: B.ADI NARAYANA

No of Students attended: 30

No. of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	<ul style="list-style-type: none"> • Evaluate the growth and Development of Tourism. • Understand the working and functioning of the different types of tour guides.
Higher Order	60%	<ul style="list-style-type: none"> • Understanding the Guiding Techniques. • Analyze the Guide Personality Skills.

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%

Program coordinator: B.ADI NARAYANA

B. Adinayak

HOD

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Mrs. A.V.N. College::Visakhapatnam

(Affiliated to Andhra University-Visakhapatnam)

PROGRAM REPORT OF CERTIFICATE COURSE / ADD ON COURSE 2023-2024

Name of the certificate course	Basics of Clinical Microbiology
Duration of the certificate course	02-12-2023 to 11 02-2024
Number of contact hours	30
Resource person	CH.Mamatha
Email id of the Resource person	drcmamatha@gmail.com
Contact no.	9676418546
Name of the coordinator	Dr.A.Archana
Number of students attended	20

Learning outcomes:

- Knowledge about microscopy and their handling techniques.
- To know about various stains and staining techniques.
- Knowledge about culture media and sterilization techniques.
- Know about various bacterial, viral, fungal and helminthes diseases and their laboratory diagnosis.
- Safety measures and quality control in clinical microbiology laboratory.
- To develop confidence in graduate students to manage microbiology laboratory and research responsibilities in future.

Lower order basic knowledge	40%	Handling skills in microscopy, staining and sterilization techniques. Knowledge about disease causing microorganism. Awareness about safety measures to be taken in microbiology laboratory.
High order	60%	In detail study of various viral diseases HIV Hepatitis, Corona and Bacterial diseases. Identification of clinically important fungal diseases. Quality control in microbiology lab.

Course content: This course gives basic concepts of microscopy, staining and sterilization techniques, bacteriology, virology, mycology and parasitology. The safety precautions to be followed in microbiology laboratory.

Assessment procedure: Descriptive paper for 100% syllabus

A. Archana

(Dr. A.ARCHANA)
Program Coordinator

A. Archana

(Dr. A.ARCHANA)
Head of the Department

Dr. A. Archana, Ph.D., M.Phil., Ph.D.
Head of the Department
Department of Microbiology
Mrs. AVN College, Visakhapatnam



ESTD: 1860

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AND SOCIAL VALUES

M Simhadri Naidu, M.Com., MBA, UGC-NET & AP-SET

Date: 20.8.2023
Visakhapatnam

Programme Report (Certificate Course / Add on Course) Name of the Event certificate
course on How to Access Information from Library Awareness Programme.

Date: 01-09-2023 to 20-10-2023 *Library Technology and Automation*

Resource Person: O.Priyanka

Mail: swarajyalakshmi@avncollege.ac.in

Ph.No:9949939051

Name of the Co-Ordinator :Smt.M.Swarajya LakshmiNo.Of Students Attended:80No.Of Contact hours:36 hrsLearning outcomes:

Lower Grade	50%	To understand the basic knowledge of library usage
Higher Grade	50%	To understand the basic knowledge of N-list

Course Content:

Using of Class Books & Special Collections
Career Guidance Cell
How to register in N-List
Login-Logout ,PG patasala ,shodh sindu,j-stor
Automation ect.,
Paper test : Objectives types questions-100%

Program Co-Ordinator:*H. Swarajya*

M. Swarajya Lakshmi, MA, M.Sc., MA, Music

Head of the Department

Department of Library Information Science

Mrs. AVN College, Visakhapatnam-530 001

MRS AVN COLLEGE, VISAKHAPATNAM
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 Accredited by NAAC "A" grade

Visakhapatnam

Date: 22-09-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course for విద్యార్థులకు స్వీకృత పాఠ్య పుస్తకాలపై - వైద్యకృతీ విభాగ తరగతులు

Dates: 08-07-2023 to 21-09-2023.

Resource person: Dr. A. Suresh babu

Gmail: Phone no: 9701128082

Name of the coordinator: Dr. A. Sita Ratnam.

No of student attended:

No of contact hours: 30 hours

Learning outcomes:

Lower order	40%	నిర్భయత్వం, నిష్ఠలకోచం, పట్టుత్వం గురించి అవగాహన
Higher order	60%	విద్యార్థులకు వైద్యకృతీ అవగాహన

Course content:

Assessment procedure:

Paper test (paragraph questions): 100%

D. Gayathri
 Program coordinator:

P. V. Ravi Kumar
 Head of the department

1. స్వీకృత పాఠ్య పుస్తకాలపై అవగాహన?
2. వైద్యకృతీ అవగాహన?
3. స్వీకృత పాఠ్య పుస్తకాలను తెలియజేయు?
4. వైద్యకృతీ దురదృష్టాలను తెలియజేయు?

Mrs. AVN COLLEGE, VISAKHAPATNAM
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "C"
Dept. of Commerce & Management

Program report of Certificate course/Add on course

Name of the Event: Certificate course on " A study on Importance of TALLY"

Date : 01/07/2024 to 21/07/2024

Resource person: D.SANTOSH

Email: santosh devara@gmail.com

Phone no: 8309053866

Name of the coordinator: Lt. Cdr PRASANNA KUMAR

No of student attended: 30

No of contact hours: 30

Learning outcomes:

After successful completion of this course, students were acquainted knowledge on fundamentals of Tally-features, advantages of TALLY and operation of TALLY in an Organizations.

Lower order	50%	Knowledge on features, advantages, types of models of Tally.
Higher order	50%	Applications and operations of Tally practice.

Course content:

- Understand and learn all basic concepts of tally
- Recognize the various disciplines that contribute to a successful Tally.
- Be aware of the challenges that arise in TALLY.

Meaning, scope and limitations of Assessment procedure:

Meaning: Assessment involves the use of experimental data on student's learning to refine programs and improve students' learning. Assessment is tightly linked with the

learning process. Similarly, it unites with the course of study and teaching. For keeping a check on students progress and achievement, we conducted a written test to assess how much each student knows and what students still need to learn. The procedure for giving tests is as follows:

- Students take the test individually and is to be graded by the teacher and the other is kept for group discussions
- Certificates were issued to successful learners

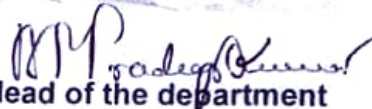
Limitation: This test does not have self assessment of student. The assessment can be done only by teacher.

Paper test (paragraph questions): 100%

Date of report : 22-07-2024

Program coordinator:

Dr. M.I. PRASANNA KUMAR
M.Com., M.Phil., PGDCRS (Ph.D)
HEAD
Dept. of Commerce

Dy 
Head of the department

Mrs A V N College, Visakhapatnam
(Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC 'A' Grade

Visakhapatnam
Date: 15/7/2023

Program Report (Certificate course/Add-on course)

Name of the Course: III BA (HEP)

Dates: 15/7/2023 TO 14/8/2023

Resource Person: Dr.A.Prasad

Email: attiliprasad80@gmail.com

Ph No: 8985367818

Name of the Coordinator: J.RAMA RAO

No of Students attended: 30

No. of contact hours: 30 Hours

Learning outcomes:


Lower order	40%	<ul style="list-style-type: none">• Evolution and importance of Digital Governance• Present global trends of growth in E-Governance
Higher Order	60%	<ul style="list-style-type: none">• Stages in Digital policy• Formation and implementation of Digital Governance

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%

Program coordinator: J. RAMA RAO


HOD
Head of the Department
Political Science
Mrs. A.V.N. College
Visakhapatnam

MRS AVN COLLEGE
Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A" grade

Visakhapatnam
Date: 05-1-2024

Program report (certificate course/Add on course)

Name of the Event: Certificate course on **WATER QUALITY ASSESMENT**

Dates : 22-11-2023 TO 31-12-2023

Resource person : **Dr. Ramesh Babu**

Email: **dramesh1225@gmail.com**

Phone no: **8919399869**

Name of the coordinator: **P. Krishna Kumari**

No of student attended: **20 (CCBZ)+11 (MPCU) = 31**

No of contact hours: **30**

Learning outcomes: **Solve combustion problems and calculates amounts of pollutants emitted plan measurement and monitoring of air pollutants.**

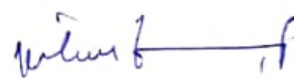
Lower order	40 %	Pollution aims at changing climate and weather conditions. It also increases productivity, creates employment and initiates innovation.
Higher order	60 %	Pollution of all types hinders development outcomes. Air pollution, exposure to lead and other chemicals, and hazardous waste including exposure to improper e-waste disposal, cause debilitating and fatal illnesses, create harmful living conditions, and destroy ecosystem

Course content: **The course intends to pollution control refers to the strategic and tactical efforts aimed at reducing the emission of primary pollutants into the atmosphere in order to improve air quality and mitigate the adverse effects of pollution**

Assessment procedure: **THEORY**

Paper test (paragraph questions): **100%**

Program coordinator: **P. KRISHNA KUMARI**



Head of the Department

Head of the Department of Chemistry
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM

MRS AVN COLLEGE
Affiliated to Andhra University, Visakhapatnam)
Accredited by NAAC "A" grade

Visakhapatnam
Date: 25-09-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course on **CHEMICAL POLLUTION**

Dates : 03-07-2023 TO 03-09-2023

Resource person : P. Krishna Kumari

Email: P.Krishna Kumari@avncollege.ac.in

Phone no: 8008265446

Name of the coordinator: P. Krishna Kumari

No of student attended: 33

No of contact hours: 30

Learning outcomes: **Solve combustion problems and calculates amounts of pollutants emitted plan measurement and monitoring of air pollutants.**

Lower order	40 %	Pollution aims at changing climate and weather conditions. It also increases productivity, creates employment and initiates innovation.
Higher order	60 %	Pollution of all types hinders development outcomes. Air pollution, exposure to lead and other chemicals, and hazardous waste including exposure to improper e-waste disposal, cause debilitating and fatal illnesses, create harmful living conditions, and destroy ecosystem

Course content: **The course intends to pollution control refers to the strategic and tactical efforts aimed at reducing the emission of primary pollutants into the atmosphere in order to improve air quality and mitigate the adverse effects of pollution**

Assessment procedure: **THEORY**

Paper test (paragraph questions): 100%

Program coordinator: P KRISHNA KUMARI



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Visakhapatnam
Date: 03-04-2024

Program report (certificate course/Add on course)

Name of the Event: Certificate course on **CHEMICAL PROCESS SAFETY**

Dates : 29-01-2024 To 26-03-2024

Resource person : Dr. Ramesh Babu

Email: drramesh1225@gmail.com

Phone no: 8919399869

Name of the coordinator: P. Krishna Kumari

No of student attended: 55

No of contact hours: 30

Learning outcomes: **Addressing process safety prevents serious injuries and injuries and illness, property damage, lost production and negative environmental impact .. Students will complete online learning courses developed for the Safety And Chemical Engineering Education (SACHE) program**

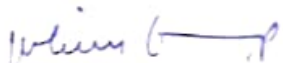
Lower order	40%	Recommended for all undergraduate students in chemical, mechanical and industrial engineering, as well as in chemistry.
Higher order	60%	The implementation of effective chemical process safety measures prevents incidents and accidents at pilot or manufacturing scale. Typically, products are developed under challenging timelines with small amounts of material, and under extreme conditions. Appropriate attention, management, and investigation must be given to each of the above disciplines to ensure the safe manufacturing of chemicals at large scale.

Course content: The course intends to Upon completion of this course, graduates will be able to: Apply the fundamental principles underlying safety and risk management. Implement safety and risk management in a practical context.

Assessment procedure: **Theory**

Paper test (paragraph questions): 100%

Program coordinator: P. Krishna Kumari


Head of the Department

Head of the Department of Chemistry,
Mrs. A.V.N. COLLEGE,
VISAKHAPATNAM