

**Mrs A V N College, Visakhapatnam**  
**(Affiliated to Andhra University, Visakhapatnam)**  
**Accredited by NAAC "A" grade**

2022-23

Visakhapatnam  
Date: 11-03-2023

**Program Report (Certificate course/Addon course)**

Name of the Event: Certificate course on Elementary Statistics

Dates: 27-01-2023 to 10-03-2023

Resource Person: P Gandhi

Email: gandhipadi@avncollege.ac.in

Ph No: 9440442737

Name of the Coordinator: Ch Mallika

No of Students attended: 30

No. of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	To understand the basic nature of data and how a single value describes the entire data set. Measuring the degree of departure of a distribution from symmetry and reveals the direction of scatteredness of the items.
Higher Order	60%	To understand the concept of Statistics and its merits and demerits. Classification of data, draw conclusions from the comparison of averages. To understand the concept of correlation and regression.

**Course content:**

Meaning, scope and limitations of Statistics

Measures of central tendency


Measures of Dispersion

**Assessment Procedure:**

Paper test (Paragraph questions) 100%

Program coordinator:

Ch - Mallika

  
HOD  
**P. GANDHI**, M.Sc, M.Phil  
Head of the Department  
Department of Mathematics  
Mrs. AVN College, Visakhapatnam



Mrs AVN COLLEGE, VISAKHAPATNAM  
( Affiliated to Andhra University, Visakhapatnam )  
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Date: 30/12/2022  
Visakhapatnam.

Programme Report ( Certificate Course / Add on Courses ) Name of the Event  
certificate course on INFLIBNET N-LIST Awareness Programme.

Date : 14-11-2022 to 30-12-2022

Resource Person : Smt M. L.Kranthi

Mail : [swarajyalakshmi@avncollege.ac.in](mailto:swarajyalakshmi@avncollege.ac.in)

Ph.No : 9949939051

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

No.Of Students Attended : 80

No.Of Contact hours : 30 hrs

Learning outcomes :

Lower Grade	40%	To understand the basic knowledge of Library usage
Higher Grade	60%	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 etc.,

Paper test : Objective type questions - 100%

Program Co-Ordinator:

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

*M. L. Kranthi*  
PRINCIPAL  
Mrs. A.V.N. COLLEGE  
VISAKHAPATNAM



MRS AVN COLLEGE,VISAKHAPATNAM  
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Visakhapatnam  
Date:24-02-2023

Program report (certificate course/Add on course)

Name of the Event:Certificate course for "FUNDAMENTAL SKILLS OF GAMES Dates : 10-11-2022 TO 24-02-2023

Resource person : P.V. N.Rao

Email:pvrao@gmail.com

Phone no: 7013771457

Name of the coordinator:: S.Gopi Krishna

No of student attended: 30

No of contact hours: 30 hours

Learning outcomes Apply the knowledge of basic sciences that may be relevant and appropriate to physical education and sports sciences leading to the solution of complex sports related issues and problems.Understand the Test, Measurement and Evaluation in physical education, Health and Fitness. Know about the different types of test for different sports and games'

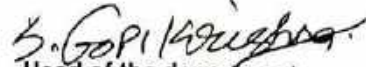
Lower order	40%	Explain group mechanisms and group psychology in a sports context Reflect upon motivational psychology as applied to sports activities Formulate relevant constructs of exercise psychology
Higher order	60%	Demonstrate the ability to discuss sociological theories, concepts, and ideas in large and small groups and to express empirically as well as theoretically-based opinions.. To apply core sociological theories to specific social problems in order to analyze social problems.

Course content: It is associated with athletic competition but should be considered in the overall fitness of all individuals. These components pertain to the athletic ability of an individual. There are 6 components of physical fitness: balance, coordination, agility, speed , power, and reaction time.

Assessment procedure:

Paper test (paragraph questions): 100%

  
Program coordinator: S.Gopi Krishna

  
Head of the department  
S. Gopi Krishna, M.Com, M.P.Ed, NID  
HOD, Department of Physical Education  
Mrs. AVN College, Visakhapatnam-530 001

**Mrs A V N College, Visakhapatnam**  
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2022-23

Visakhapatnam  
 Date: 19-12-22

**Program Report (Certificate course/Addon course)**

Name of the Course: విద్యార్థులకు ప్రక్రియ వికాస తరగతులు

Dates: 01-11-2022 to 18-12-2022

Resource Person: P. Krishna Kumari

Email:

Ph No: 8008265444

Name of the Coordinator: P. Venkata Radnam

No of Students attended: 5

No. of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	నిర్ణయత్వం, నిర్ణయకాలం, పట్టణాలపట్టుకొని ఉపాసన
Higher Order	60%	విద్యార్థులకు ప్రాజెక్టులు ఉపాసన, వివరాలను తెలియజేయడం.

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%

1. ప్రక్రియ వికాస రకం

2. ప్రక్రియ

3. ప్రక్రియ వికాస రకం

4. ప్రక్రియ వికాస రకం అనుబంధం

Program coordinator:

ప్రక్రియ వికాస ప్రయోజనం.

*P. V. Radnam*

HOD

Department of Telugu

PRINCIPAL

Mrs. A.V.N. COLLEGE

VISA KHAPATNAM

2022-23

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**Date:11/02/2023**

**Program report (certificate course/Add on course)**

**Name of the Event:** Certificate course on "Basic Coding Of Digital Electronics"

**Dates:** 21-12-2022 to 10-02-2023

**Resource person:** R Tarakeshwar Rao

**Email:** rejetitharak@gmail.com

**Phone no:** 8639018082

**Name of the coordinator:** Prof. Dr. S.Srinivasa Rao

**No of student attended:**25

**No of contact hours:** 36

**Learning outcomes:**

- ★ Develop a digital logic and apply it to solve real life problem
- ★ understand the number system binary code and complements
- ★ Know about switching circuits and oscillator circuit their design and use i electronics
- ★ Basic understanding of analog systems and their applications
- ★ Basic understanding of digital systems and their applications

Lower order	40%	Varacters diode, Tunnel diodesDC power supply: Rectifier; Half wave, Full wave(center-tapped, bridge), Zener-regulated power supply
Higher order	60%	Basic model; Virtual ground concept; Inverting Amplifier, Non-inverting Amplifier, Integrator, Differentiator,summing Amplifier and their applications



**MRS AVN COLLEGE, VISAKHAPATNAM**  
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**Visakhapatnam**  
**Date: 5.11.2022**

Program report (certificate course/Add on course)  
Name of the Event: Certificate course for " DRUGS

Dates : 6.07.2022 to 30.10.2022

Resource person: V.PADMINI

Email: padmini@avncollege.ac.in

Phone no: 9494127336

Name of the coordinator: P.KRISHNA KUMARI

No of student attended: 30

No of contact hours: 60 hours

Learning outcomes: Recognize overdose effects. Young people who persistently abuse substances often experience an array of problems, The changeover from voluntary to compulsive drug use reproduces changes in the brain's natural inhibition

Lower order	40%	poor self-image, low religiosity, poor school performance, parental rejection, family dysfunction, abuse, under- or over-controlling by parents, and divorce.
Higher order	60%	strives to teach all children and parents about the dangers of illegal drug use and prevent the abuse of legalized and prescription drugs.

Course content: This course offers explosive handlers, bomb disposal technicians and responders an introduction to the chemical make-up and associated hazards of explosive substances. The combination of challenging reference sources and instructional interchange immerses the student in the world of explosive compounds including the research and development behind many explosive compounds widely used throughout the world today

Assessment procedure:

Paper test (paragraph questions): 100%

Program coordinator: P.KRISHNAKUMARI

*P. Krishna Kumari*

P. KRISHNA KUMARI  
HOD IN CHEMISTRY  
DEPARTMENT OF CHEMISTRY  
MRS. A.V.N.C. COLLEGE

*P. Krishna Kumari*

Head of the department  
P.KRISHNAKUMARI

P. KRISHNA KUMARI  
HOD IN CHEMISTRY  
DEPARTMENT OF CHEMISTRY  
MRS. A.V.N.C. COLLEGE  
VISAKHAPATNAM-530001

**Mrs A V N College, Visakhapatnam**  
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2022-23

Visakhapatnam  
Date: 24-02-2023

**Program Report (Certificate course/Add-on course)**

**Name of the Event:** Certificate course on Marine Macro Algae and their uses.

**Dates:** 01-12-2022 to 23-02-2023.

**Resource Person:** L Naveen

**Email:** naveen@avncollege.ac.in

**Ph No:** 9032040063

**Name of the Coordinator:** L. Naveen

**No of Students attended:** 15

**No. of contact hours:** 30 Hours

**Learning outcomes:**

Lower order	40%	Familiar with algal taxonomy.
Higher Order	60%	Able to identify algae using morphological ultra structural features.

**Course content:**

- Taxonomy of Algae reference with Fritsch classification.
- General characteristics.
- Identification of Marine Macro Algae.
- Use of some marine macro Algae.

**Assessment Procedure:**

Paper test (Paragraph questions) 100%

*L. Naveen*  
Program coordinator.

*L. Sankar*  
HOD

Head of the Department of Botany  
MRS. A. V. N. COLLEGE  
VISA KHAP

**Mrs A V N College, Visakhapatnam**  
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2022-23

Visakhapatnam  
Date: 01-03-2023

**Program Report (Certificate course/Add-on course)**

**Name of the Event:** Certificate course on Management Practices of Nursery.

**Dates:** 05-12-2022 to 28-02-2023.

**Resource Person:** L. Santoshi Satya

**Email:** santoshi@avncollege.ac.in

**Ph No:** 9440423780

**Name of the Coordinator:** L. Santoshi Satya

**No of Students attended:** 15

**No. of contact hours:** 30 Hours

**Learning outcomes:**

Lower order	40%	Understand the importance of plant Nursery and basic infrastructure to establish it. Explain the basic materials, tools and techniques required for Nursery.
Higher Order	60%	Various practices in Nursery. Comprehend knowledge and skills to get an employment or to become an entrepreneur in plant nursery Sector.


**Course content:**

- Plant Nursery - introduction, importance
- Types of Nurseries - on the basis of duration, plant products and structure used.
- Necessities for nursery.
- Management of Nursery

**Assessment Procedure:**

Paper test (Paragraph questions)                      100%

  
Program coordinator.

  
HOD

Head of the Department of Botany  
MRS. A. V. N



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2022-23

Visakhapatnam  
Date:14/02/2023

Program Report (Certificate course/Add on course)

Name of the Course: " BASIC OF MACRO ECONOMICS"

Dates: 2<sup>nd</sup> Dec 2022 TO 14<sup>TH</sup> FEB2023

Resource Person Dr.B.SAILAJA KUMARI

Email gujjarlapudiy@gmail.com

Ph No : 9177505954

Name of the Coordinator G.YESHAYYA

No of Students attended: 21

No.of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	1. Explains national income, calculation methods of national income, and concepts related to national income.
Higher Order	60%	1. Defines concepts related to national income. 2. Compares calculation methods of national income 3. Interprets macroeconomic issues such as money, foreign exchange, inflation, unemployment, economic growth and foreign trade.

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%

B.Sailaja Kumari  
Program coordinator:

S-pulla Rao  
HOD

Head of the Department  
Economics  
AVN College  
Visakhapatnam-530 001

2022 - 23

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Visakhapatnam  
Date: 28.11.2022

**Program Report (Certificate course/Add on course)**

**Name of the Course:** HUMAN RIGHTS

**Dates:** 20<sup>th</sup> OCT 2022 to 28<sup>th</sup> Nov 2022

**Resource Person:** Prof. G.VEERAJU

**Email:** ramaraojada@gmail.com

**Ph No:** 9949497056

**Name of the Coordinator:** J.RAMA RAO

**No of Students attended:** 37

**No. of contact hours:** 30 Hours

**Learning outcomes:**

Lower order	40%	<ol style="list-style-type: none"><li>1. Classify Human Rights</li><li>2. Highlight Human Rights abuses</li><li>3. Know the Structure National and State level Human Rights Commission</li></ol>
Higher Order	60%	<ol style="list-style-type: none"><li>1 .Reflect Constitutional Remedies for the protection of Human Right</li><li>2 Understand analytical perception on human Rights.</li></ol>

**Course content:**

1. Definition of Human Rights
2. Classification of Human Rights
3. Structure of Human Rights

**Assessment Procedure:**

Paper test (Paragraph questions) 100%

Program coordinator: J. Rama Rao,

J. Rama Rao,  
HOD

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

2022-23

1/2

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**Date: 02-04-2023**

**Program report (certificate course/Add on course)**

**Name of the Event:** Certificate course on "MEDICAL INSTRUMENTATION"

**Dates:** 20-01-2023 to 01-03-2023

**Resource person:** K. SWETHA

**Email:** kalluriswetha07@gmail.com

**Phone no:** 8885949491

**Name of the coordinator:** Prof. Dr. S.Srinivasa Rao

**No of student attended:** 20

**No of contact hours:** 30

**Learning outcomes:**

- Define basic medical terms and physical values that can be handled by medical instrumentation
- Describe methods and implementation of electrical and non-electrical medical parameters and diagnostics.
- Demonstrate measuring of basic medical parameters
- Calculate basic parameters of the equipment for using in electro-diagnostics and electro-therapy
- Recommended problem solving and service procedures for electrical equipments
- Applies safety standards and select disposal method and procedures

Lower order	40%	Medical terms , principles of medical instrumentations, medical-physical parameters
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2022-23

Visakhapatnam  
Date: 21-12-2022

**Program Report (Certificate course/Add on course)**

**Name of the Course: CERTIFICATE COURSE IN ENGLISH IN SPOKEN ENGLISH**

**Date: 12-9-2022 TO 13-12-2022**

**Resource Person: P. GANDHI**

**Email: gandhipadi@avncollege.ac.in**

**Ph No: 9676669021**

**Name of the Coordinator: P. RAJANI**

**No of Students attended: 30**

**No. of contact hours: 30hrs..**

**Learning outcomes:**

Lower order	40%	1) HELPS TO IMPROVE PRONUNCIATION
Higher Order	60%	1) HELPS TO PROVIDE EMPLOYMENT OPPORTUNITIES IN INDIA AND ABROAD 2) HELPS TO IMPROVE CONFIDENCE IN PUBLIC SPEAKING, BODY LANGUAGE, VERBAL AND NON VERBAL CUES

**Course content:**

**Assessment Procedure:**

Paper test (Paragraph questions) 100%

Program coordinator: P. Rajani

P. Rajani  
HOD

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

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Visakhapatnam

Date: **02/01/2023**

**Program Report (Certificate course/Add on course)**

Name of the Course: Promoting Medical Tourism in India

Dates: **2<sup>nd</sup> Dec 2022 to 1<sup>st</sup> Jan 2023**

Resource Person: S.Rajesh

Email: rajeshsundaram@avncollege.ac.in

Ph No: 7981669135

Name of the Coordinator: Asst. Prof Dr. B. Anand

No of Students attended: 10

No.of contact hours: 30 Hours

Learning outcomes:

Lower order	40%	Students place so much of interest in promoting in medical Tourism in India
Higher Order	60%	Students are travel over the India and promote the Medical Tourism in India they also know the medical values

Course content:

Assessment Procedure:

Paper test (Paragraph questions) 100%

  
Program coordinator:

  
HOD

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

**MRS AVN COLLEGE, VISAKHAPATNAM**  
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2022-23

Visakhapatnam  
Date: 15-09-2022

Program report (certificate course/Add on course)

Name of the Event: Certificate course on "ROLE OF E-COMMERCE IN REDUCING OPERATIONAL COST"

Dates: 17-07-2022 TO 14-09-2022

Resource person: M.S.Naidu

Email : parannakumar@avncollege.ac.in

Phone no: 9866856165

Name of the coordinator: M.I.Prasanna Kumar

No of student attended: 12

No of contact hours: 30

Learning outcomes: 1.To enable the students to understand the reducing in transaction costs, automation of processes and personalization and targeted market.

2. To build understanding of increased efficiency and productivity, improved inventory management.


Lower order	40%	To understand the basic nature of data on reducing in transaction costs, automation of processes and personalization and targeted market.
Higher order	60%	To understanding the concept of increased efficiency and productivity, improved inventory management.

Course content: The course intends to prepare a student in acquiring skills on SEBI Regulation of primary and secondary markets and money market and foreign exchange market end.

Assessment procedure:

Paper test (paragraph questions): 100%

Program coordinator:



Head of the department

Mrs. AVN College  
Visakhapatnam



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Program report (certificate course/Add on course)

Name of the certificate course: Basics of Clinical Microbiology  
Dates : 19-01-2022 to 04-03-2023  
Resource person CH. Mamatha  
Email: drcmamatha@gmail.com  
Phone no: 9676418546  
Name of the coordinator: Dr A.Archana  
No of student attended: 70  
No of contact hours: 30 hours

Learning outcomes:

- Understanding about microscopy and their handling techniques and staining procedures
- 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 the microbiology laboratory
Higher order	60%	In detail study of various viral diseases like HIV, Hepatitis, Corona and bacterial diseases. Identification of clinically important fungal diseases Quality control in microbiology labs.

Course content: This course gives basic concepts of microscopy, staining techniques, sterilization techniques, bacteriology, virology, mycology and parasitology.  
Safety precautions 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  
Head of the Department  
Department of Zoology  
Mrs. A.V.N. College  
6/03/23

**MRS AVN COLLEGE, VISAKHAPATNAM****(Affiliated to Andhra University, Visakhapatnam)****Accredited by NAAC "A" grade****Visakhapatnam****Date:30-01-2023**

Program report (certificate course/Add on course)

Name of the Event: Certificate course on "**WATER QUALITY ASSESSMENT**"

Dates : 07-07-2022 to 30-01-2023

Resource person : Dr A.Archana

Email: archana@avncollege.ac.in

Phone no: 9676418546

Name of the coordinator: P.Krishna Kumari

No of student attended: 20

No of contact hours: 30

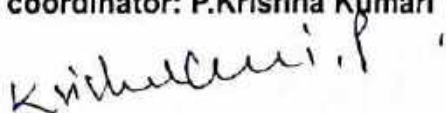
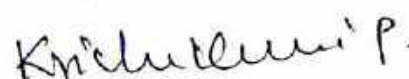
Learning outcomes: 1. To enable students to understand the principles and the practical approaches and techniques required to effectively monitor the chemical, hydrological and microbiological elements of water quality. 2. To build understanding of water quality parameters and their relation to public health and environment.

Lower order	40%	The objective of water quality monitoring is to obtain quantitative information on the physical, chemical, and biological characteristics of water via statistical sampling
Higher order	60%	monitoring data: biological integrity, chemical, physical, habitat, and toxicity. They also include measures of toxicants such as insecticides, herbicides and metals.

Course content: The course intends to prepare a student in acquiring skills on the art of water monitoring and quantitative analysis of critical water quality parameters. It also brings in those aspects of chemistry which are important for water quality management and pollution control.

Assessment procedure:

Paper test (paragraph questions): 100%

**Program coordinator: P.Krishna Kumari**


**Head of the department**

ADD IN CHEMISTRY  
DEPARTMENT OF CHEMISTRY  
MRS. A.V.N.COLLEGE  
VISAKHAPATNAM-530001







**MRS AVN COLLEGE, VISAKHAPATNAM**

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Accredited by NAAC "A" grade

Visakhapatnam

Date: 26-02-2023

Program report (certificate course/Add on course)

Name of the Event: Certificate course for "EXPLOSIVE PRECAUTIONS"

Dates : 03-11-2022 to 25-02-2023

Resource person : D.Santhosh Kumar

Email: santhoshdevara@gmail.com

Phone no:

Name of the coordinator: P.Kriahna Kumari

No of student attended: 30

No of contact hours: 30 hours

Learning outcomes: Explain the history & development of explosive use Recognize the importance of chemical composition data related to explosive materials. Define and differentiate between combustion, deflagration & detonation related to explosive chemicals. Discuss thermal decomposition, ignition, & initiation of explosive chemicals. Differentiate between the various uses of explosive chemicals in relation to inherent hazards

Lower order	40%	A person near the explosives shall not possess matches, open light, or other fire- or flame-producing devices. A person shall not handle explosives while under the influence of intoxicating liquor or narcotics.
Higher order	60%	Process Safety Information (PSI) 2 Process Hazards Analysis (PHA) 3. Operating Procedures 4. Training 5. Mechanical Integrity (MI)

**Course content:** This course offers explosive handlers, bomb disposal technicians and responders an introduction to the chemical make-up and associated hazards of explosive substances. The combination of challenging reference sources and instructional interchange immerses the student in the world of explosive compounds including the research and development behind many explosive compounds widely used throughout the world today

**Assessment procedure:**

Paper test (paragraph questions): 100%

Program coordinator: P.Krishnakumari

*Krishnakumari P*

*Krishnakumari P*  
Head of the department

HOD IN CHEMISTRY  
DEPARTMENT OF CHEMISTRY  
MRS. A.V.N.COLLEGE  
VISAKHAPATNAM-530001