



S.A.S. GOVERNMENT DEGREE COLLEGE

NARAYANAPURAM, ELURU DISTRICT-534411

(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)

Phone: [08818 252189](tel:08818252189), E-mail: narayanapuram.jkc@gmail.com



CRITERIA IIII

RESEARCH, INNOVATIONS AND EXTENSION

3.3. EXTENSION ACTIVITIES

Q.L.M: 3.4.1

ADDITIONAL INFORMATION ON

EXTENSION ACTIVITIES FOR THE YEAR

2022-23

ECO – CLUB



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OBJECTIVES OF ECO CLUB

- To motivate students undertake plantation of trees and improve green cover.
- To promote sustainable practices like sustainable house gardening, conserving water and energy and using eco friendly products.
- To educate students to create awareness amongst public and, so as to stop the indiscriminate dumping and burning of waste.
- To create a “clean and green consciousness” among the students through various innovative methods.
- Platform to realise the issue related to environment through field visits.
- Promotion of recycling of wastes
- To promote awareness among the students and community by observing days.

- **REGULAR ACTIVITIES**
- **AWARENESS PROGRAMMES.**
- **PLANTATION PROGRAMMES**
- **COMPETITION CONDUCTED**



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | ---- |
| 2 | TITLE OF THE ACTIVITY | COLLEGE CAMPUS CLEANING PROGRAM |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 04-12 -2022 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 20 (II BZC) |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 14 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To raise awareness on the importance of KEEPING THE CAMPUS CLEAN |
| 12 | OUTCOME(S) OF THE ACTIVITY | CLEAN COLLEGE CAMPUS |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWS PAPER | No |
| 14 | IF YES, ARE THE THE NEWS PAPER CLIPPINGS AVAILABLE ? | No |

Signature of coordinator

signature of the principal

Name of the activity : COLLEGE CAMPUS CLEANING PROGRAM

Date : 04-12-2022

Description of the activity :

- SAS GDC's staff and eco club volunteers have taken the initiative to clean the college campus.
- Plastic wastes on the campus are collected.
- Weeds were removed from the campus



Staff and students in campus cleaning activity



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| | | |
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | Tree plantation |
| 2 | TITLE OF THE ACTIVITY | EACH ONE PLANT ONE |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 22-12 -2022 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 22 III BZC |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 05 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | 1) Conserve biodiversity 2) Sequester carbon |
| 12 | OUTCOME(S) OF THE ACTIVITY | Students learned the significance of planting trees |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWS PAPER | No |
| 14 | IF YES, ARE THE THE NEWS PAPER CLIPPINGS AVAILABLE ? | No |

Signature of the coordinator

Signature of the principal

Name of the activity : EACH ONE PLANT ONE

Date : 22-12-2022

OBJECTIVES:

- Conserve biodiversity
- Sequester carbon
- Prevent Erosion

Description of the activity :

Students and eco-club volunteers participated in the tree plantation program.

No.of participants: 22



Students participating in plantation programme.



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | NEW YEAR |
| 2 | TITLE OF THE ACTIVITY | <u>Handmade greeting Card preparation from WASTE</u> |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 30-12 -2022 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 5 | UNIT NO. | |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 20 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 05 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To promote zero waste and re-use approach among students and community. |
| 12 | OUTCOME(S) OF THE ACTIVITY | Students learned the Recycle and Re-use materials used in daily household |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | --- |
| 14 | IF YES, ARE THE THE NEWS PAPER CLIPPINGS AVAILABLE ? | --- |

Signature of coordinator

signature of the principal

Name of the activity : Handmade greeting Card preparation from WASTE

Date : 30-12-2022

OBJECTIVES

- To gain knowledge on the importance of living and working in a sustainable way.
- To help students to know how the choices they make in their daily lives effect environment.
- To reduce our environment foot print
- To promote zero waste and re-use approach among students and community

Description of the activity :

A competition on HANDMADE GREETING CARD PREPARATION FROM WASTE was organized by the Eco club on 30-12- 2022.

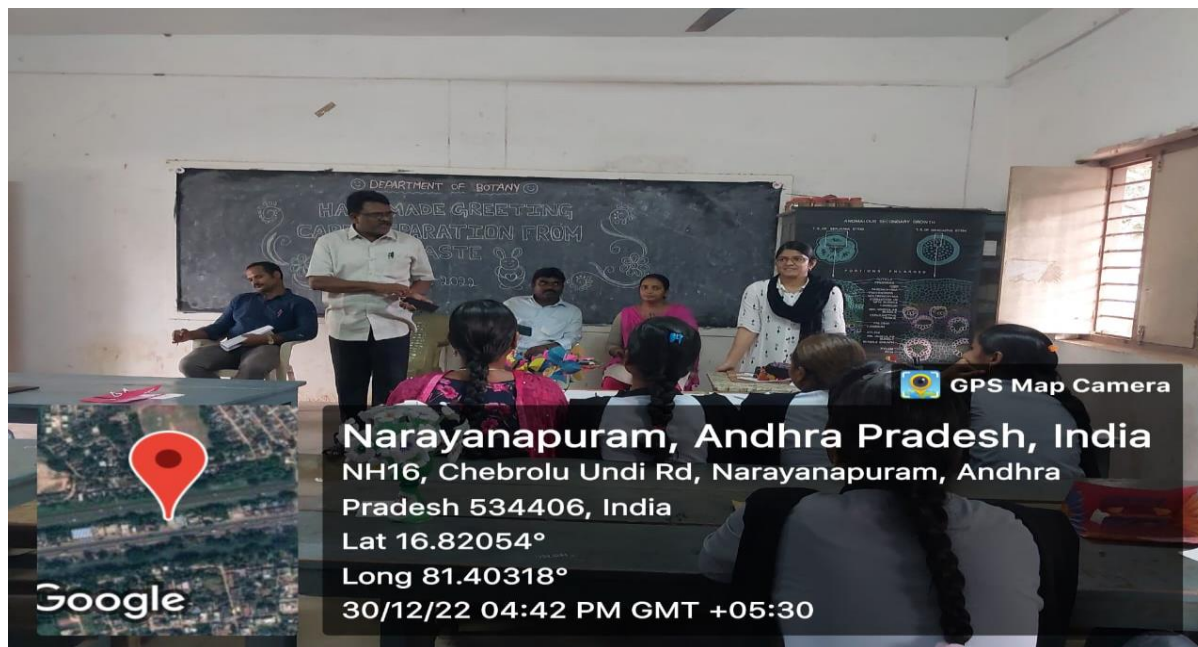
No of participants: 20

Outcome of the Activity :

Ist Prize: Naga Pavani IIB.Sc

IInd Prize: S .Vanaja IIB.Sc

IIIrd Prize: Vasavi IIB.Sc



Faculty and students on hand made greeting card preparation from waste



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|--|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | REPUBLIC DAY |
| 2 | TITLE OF THE ACTIVITY | Distribution of SEED PAPER PLANTABLE NATIONAL FLAGS |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 26-01 -2023 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 5 | UNIT NO. | |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 20 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 24 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To promote a sustainable way of celebrating our Republic way |
| 12 | OUTCOME(S) OF THE ACTIVITY | Recycle and Re-use approach Plastic free celebration |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWS PAPER | --- |
| 14 | IF YES, ARE THE THE NEWS PAPER CLIPPINGS AVAILABLE ? | --- |

Signature of the coordinator

signature of the principal

Name of the activity : Distribution of SEED PAPER PLANTABLE NATIONAL FLAGS
ON REPUBLIC DAY

Motto of the activity : DON'T THROW ME, GROW ME

Date : 26-01-2023

OBJECTIVES

- To promote a sustainable way of celebrating our Republic day
- To have a plastic-free celebration
- To stop disrespect of national flags

Description of activity ;

- On republic day, instead of using conventional plastic national flags, seeded plantable national flags were bought
- The eco-friendly flags were only distributed to staff and students of the college.
- These flags have to be planted in the soil the next day
- As they contain seeds in them , those seeds germinate as they were watered regularly.
- Thus ensuring a sustainable and biodegradable way of celebration.

Number of participants : 20 students and 24 staff

The outcome of the activity:

Students were oriented towards eco-friendly products and Re-cycling

Students gained innovative ideas to solve the problems of pollution.





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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|--|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | World Wetland Day |
| 2 | TITLE OF THE ACTIVITY | Poster presentation on "Ways to conserve wetlands" |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 02-02 -2023 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 5 | UNIT NO. | |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 20 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 11 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To raise awareness on the vital role of wetlands for people and the planet |
| 12 | OUTCOME(S) OF THE ACTIVITY | Students gained knowledge on the conservation and wise use of wetlands |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | --- |
| 14 | IF YES, ARE THE THE NEWSPAPER CLIPPINGS AVAILABLE? | --- |

Signature of coordinator

Signature of the principal

Name of the activity : Celebration of World Wetland Day

Date : 02-02-2023

OBJECTIVES :

- To raise awareness on vital role of wetlands for people and planet
- To promote the conservation and wise use of wetlands
- To spread the word about wetlands and the fascinating vegetation that they house.

Description of activity:

- In commemoration of World Wetland Day on 02-02-2023 Eco club organized poster presentation competition on the theme –“Ways to conserve wetlands”
- Students of all streams and eco-club volunteers participated.

No.of Participants: 20 Students + 11 Teaching faculty



Faculty and students in poster presentation competition



Students with their posters on Ways to conserve wetlands



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2022-23

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|------|---|---|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | World Environment Day |
| 2 | TITLE OF THE ACTIVITY | RALLY ,HUMAN CHAIN FORMATION AND PLANTATION |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 05-06 -2023 |
| 4 | NAME OF THE CO-ORDINATOR | Shaik Aaisha |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 24 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 14 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To raise awareness on the importance of conserving nature |
| 12 | OUTCOME(S) OF THE ACTIVITY | Students gained awareness on reduction of pollution & conserving nature |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | --- |
| 14 | IF YES, ARE THE THE NEWSPAPER CLIPPINGS AVAILABLE? | --- |

Signature of coordinator

Signature of the principal

Name of the activity :Celebration of World environment day

Date : 05-06-2023

Description of the activity :

- As the theme of world environment day 2023, Eco Club of SAS Government Degree College, organized a rally to create awareness on plastic pollution.
- A human Chain is Formed by the students at the center of the Narayanapuram village.
- The plantation program was organized in the campus by staff and students.



Rally ,human chain and plantation programs by staff and students



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CRITERIA III

RESEARCH, INNOVATIONS, AND EXTENSION

3.3. EXTENSION ACTIVITIES

Q.L.M: 3.4.1

ADDITIONAL INFORMATION ON

EXTENSION ACTIVITIES FOR THE YEAR

2019-20

ECO – CLUB



S.A.S. GOVERNMENT DEGREE COLLEGE

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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2019-20

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|--|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | VANAMAHOTSAVAM |
| 2 | TITLE OF THE ACTIVITY | <u>TREE PLANTATION</u> |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 05 - 06 - 2019 |
| 4 | NAME OF THE CO-ORDINATOR | B.VENKATESWAR RAO |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 20 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 08 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To increase the greenery |
| 12 | OUTCOME(S) OF THE ACTIVITY | Students gained knowledge on how to save forests and encourage afforestation so that greenery increases. |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | --- |
| 14 | IF YES, ARE THE THE NEWSPAPER CLIPPINGS AVAILABLE? | --- |

Signature of the coordinator

Signature of the principal

Name of the activity: VANAMAHOTSTAVAM

Date: 05-06-2019

OBJECTIVES:

- To reduce the temperature and increase the humidity.
- To create awareness that proper planting of trees can save around 25% of electric consumption.

Description of the activity :

- A plantation program was organized by the Eco-club as a part of vanamahotstavam



Faculty and students participating in vanamahotstavam



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ECO CLUB

ACTIVITY REPORT FOR THE ACADEMIC YEAR- 2019-20

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|--|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | GANDHIJI'S 150 TH BIRTH ANNIVERSARY |
| 2 | TITLE OF THE ACTIVITY | <u>ARRANGING OF TREE GUARDS</u> |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 02 - 10 - 2019 |
| 4 | NAME OF THE CO-ORDINATOR | B.VENKATESWAR RAO |
| 5 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 6 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 30 |
| 7 | NO.OF PARTICIPANTS FROM THE STAFF | 08 |
| 8 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 9 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 10 | OBJECTIVE(S) OF THE ACTIVITY | To protect the trees |
| 11 | OUTCOME(S) OF THE ACTIVITY | Students learned a way to save the endangered environment. |
| 12 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | No |
| 13 | IF YES, ARE THE THE NEWSPAPER CLIPPINGS AVAILABLE? | No |

Signature of the coordinator

Signature of the principal

Name of the activity: ARRANGEMENT OF TREE GUARDS

Date: 02-10-2019

OBJECTIVES:

- To protect the trees.

Description of the activity :

- In commemoration of the 150th Gandhiji's birth anniversary, Eco- the club of SAS GDC, Narayanapuram has arranged tree guards for the trees planted in the Narayanapuram village.



Students and staff arranging the tree guard



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| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| 1 | OCCASION / CONTEXT OF THE ACTIVITY | ---- |
| 2 | TITLE OF THE ACTIVITY | <u>PLASTIC FREE DAY</u> |
| 3 | DATE ON WHICH ACTIVITY WAS CONDUCTED | 12 - 02 - 2020 |
| 4 | NAME OF THE CO-ORDINATOR | B.VENKATESWARA RAO |
| 6 | LOCATION/PLACE WHERE THE ACTIVITY WAS CONDUCTED | SAS Govt Degree College |
| 7 | NO.OF PARTICIPANTS FROM STUDENTS (COURSE/CLASS/GROUP) | 24 |
| 8 | NO.OF PARTICIPANTS FROM THE STAFF | 08 |
| 9 | NAME OF THE ORGANISATION WHICH SPONSORED THE ACTIVITY | Eco club |
| 10 | NAME, DESIGNATION & ADDRESS OF THE EXPERT / RESOURCE PERSON/CHIEF GUEST /SPECIAL GUEST PARTICIPATED | Principal SAS Govt Degree College Narayanapuram |
| 11 | OBJECTIVE(S) OF THE ACTIVITY | To reduce the usage of plastic on campus |
| 12 | OUTCOME(S) OF THE ACTIVITY | A plastic-free campus |
| 13 | WHETHER THE ACTIVITY WAS PUBLISHED IN THE NEWSPAPER | No |
| 14 | IF YES, ARE THE THE NEWSPAPER CLIPPINGS AVAILABLE? | No |

Signature of the coordinator

Signature of the principal

Name of the activity: PLASTIC FREE DAY

Date: 12-02-2020

Description of the activity :

- Knowing the harmful effects of plastic, the ECO-CLUB of SAS GDC, Narayanapuram took the initiative to collect plastic waste from the campus.



Staff and students engaged in the removal of plastic wastes



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DEPARTMENT OF BOTANY
ACTIVITYREPORT FOR THE ACADEMIC YEAR 2021-2022

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| 1 | NAME OF THE EVENT | PLANTATION PROGRAMME |
| 2 | TITLE OF THE EVENT | PLANT A TREE AND PLANT HOPE FOR FUTURE |
| 3 | DATE OF THE EVENT | 02/11/2021 |
| 4 | ORGANIZED BY | DEPT. OF BOTANY |
| 5 | NAME OF THE EVENT COORDINATOR | SMT. SHAIK. AAISHA |
| 6 | COURSE/CLASS/ GROUP PARTICIPATED | BSC(BZC) |
| 7 | NO. OF STUDENTS PARTICIPATED | 20 |
| 8 | NAME OF THE RESOURCE PERSON | DR.T.K.VISWESVARA RAO, PRINCIPAL |
| 9 | OBJECTIVE(S) OF THE EVENT | TO MAKE STUDENTS INVOLVE IN INCREASE GREENARY |
| 10 | OUTCOME(S) OF THE EVENT | STUDENTS PLANTED TREES AND LEARNED ITS SIGNIFICANCE |
| 11 | WHETHER THE EVENT PUBLISHED IN THE NEWSPAPER? IF YES, ATTACH THE NEWSPAPER CLIPPINGS | NO |
| 12 | PHOTO GALLERY (USE SEPARATE SHEETS FOR PHOTOS) | YES |

[Signature]
 Incharge
 Department of Botany
SIGNATURE OF THE CO-ORDINATOR
 S.A.S. GOVERNMENT DEGREE COLLEGE
 NARAYANAPURAM-534 406



[Signature]
SIGNATURE OF THE PRINCIPAL
 S.A.S. GOVERNMENT DEGREE COLLEGE
 NARAYANAPURAM
 West Godavari District,
 Andhra Pradesh



PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh

Sks Incharge
Department of Botany
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406



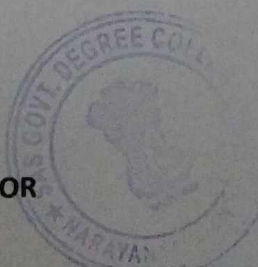
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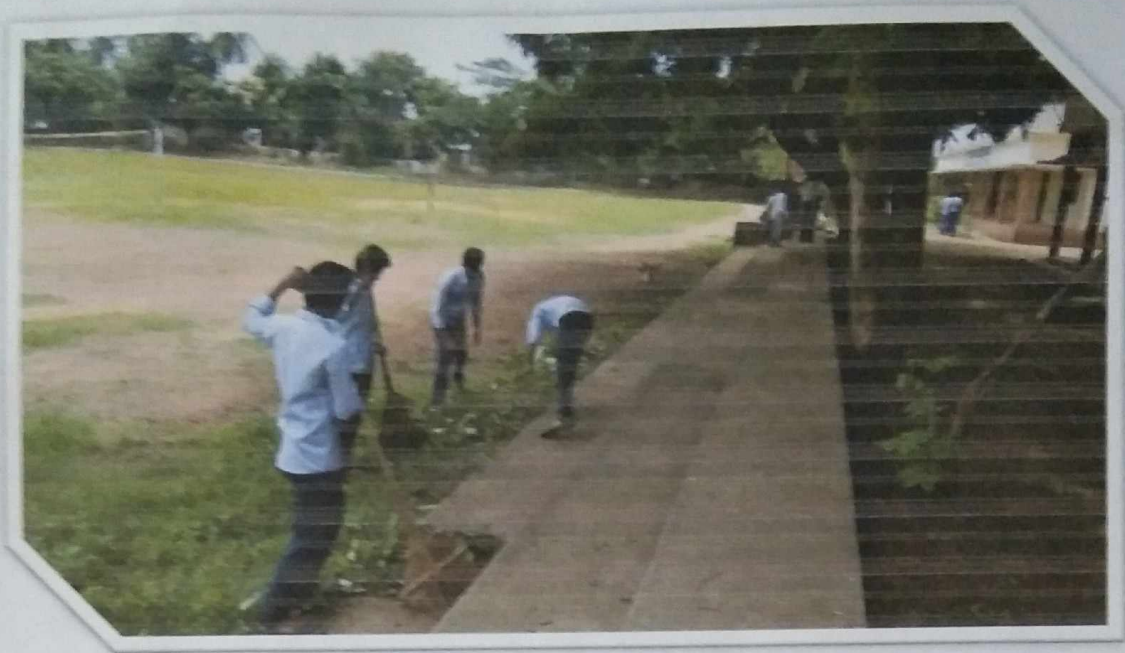
DEPARTMENT OF CHEMISTRY
ACTIVITYREPORT FOR THE ACADEMIC YEAR 2020-2021

| S.NO | PARTICULARS | DETAILS OF THE EVENT |
|------|---|---|
| 1 | NAME OF THE EVENT | PLASTIC FREE DAY |
| 2 | TITLE OF THE EVENT | REMOVAL OF PLASTIC AND GARBAGGE |
| 3 | DATE OF THE EVENT | 05/09/2021 |
| 4 | ORGANIZED BY | DEPT. OF CHEMISTRY |
| 5 | NAME OF THE EVENT COORDINATOR | DR.B.DURGA PRAVEENA |
| 6 | COURSE/CLASS/ GROUP PARTICIPATED | BSC |
| 7 | NO. OF STUDENTS PARTICIPATED | 32 |
| 8 | NAME OF THE RESOURCE PERSON | DEPT. OF CHEMISTRY |
| 9 | OBJECTIVE(S) OF THE EVENT | 1. TO REMOVE PLASTIC FROM THE CAMPUS AND SURROUNDINGS |
| | | 2. TO CREATE AWARENESS ON PLASTIC DISPOSAL |
| | | |
| 10 | OUTCOME(S) OF THE EVENT | STUDENTS LEARN THE NECESSITY OR NEED OF CONSCIOUS USES OF PLASTIC |
| | | |
| | | |
| 11 | WHETHER THE EVENT PUBLISHED IN THE NEWSPAPER? IF YES, ATTACH THE NEWSPAPER CLIPPINGS | NO |
| 12 | PHOTO GALLERY (USE SEPARATE SHEETS FOR PHOTOS) | YES |

[Signature]
 Incharge
 Department of Chemistry
 SAS GOVERNMENT DEGREE COLLEGE
 NARAYANAPURAM, W.G DISTRICT - 534406
SIGNATURE OF THE CO-ORDINATOR



[Signature]
 SAS GOVT DEGREE COLLEGE
 NARAYANAPURAM
 W.G DISTRICT - 534406
SIGNATURE OF THE PRINCIPAL



[Handwritten signature]

Incharge
Department of Chemistry
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM, PIN-534 406



[Handwritten signature]
PRINCIPAL
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West Godavari District.
Pin: 534 406, Andhra Pradesh



S.A.S. GOVERNMENT DEGREE COLLEGE

(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)

Phone: [08818 252189](tel:08818252189), E-mail: narayanapuram.jkc@gmail.com

NARAYANAPURAM, ELURU DISTRICT-534406



7.1.3 BEYOND THE CAMPUS ENVIRONMENTAL PROMOTIONS AND SUSTAINABILITY ACTIVITIES

AWARENESS PROGRAMME AIDS DAY RALLY



Plantation awareness conducted in the surrounding villages



SWACHA BHARATH RALLY



AWRENESS PROGRAMME BY NSS IN CHEBROLE VILLAGE



Sanitizers distribution in the pandemic by college





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NARAYANAPURAM, ELURU DISTRICT-534406



Awareness program on disaster management at Gopinadha patnam





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NARAYANAPURAM, ELURU DISTRICT-534406



EXPLAINING ABOUT THE ALTERNATIVE USES OF PLASTIC



EXPLAINING ABOUT JUTE BAGS



In commemoration of the 150th Gandhiji's birth anniversary, Eco- the club of SAS GDC, Narayanapuram has arranged tree guards for the trees planted in the Nayanapuram village.
Students and staff arranging the tree guard





S.A.S. GOVERNMENT DEGREE COLLEGE

NARAYANAPURAM, WEST GODAVARI DISTRICT-534406

(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)

Phone: 08818 252189. E-mail: narayanapuram.jkc@gmail.com



ENVIRONMENT AND ENERGY USAGE POLICY

Introduction:

SAS Govt Degree college recognizes its responsibility to reduce its environmental impact and to promote sustainability. This policy document outlines the institution's commitment to reducing its energy consumption and to promoting sustainable practices.

Goals and Objectives:

Our goals and objectives for environmental and energy policies are:

- To reduce energy consumption.
- To increase the use of renewable energy sources such as solar.
- To promote sustainable practices.
- To comply with all environmental regulations and laws.
- To encourage our staff and students in sustainable practices and encourage them to adopt sustainable behaviors.

. Energy Conservation.

SAS Govt Degree college will implement energy conservation measures to reduce energy consumption in all facilities. These measures will include, but not be limited to the following:

- **Energy efficient lighting:** The institution will replace all incandescent bulbs with LED bulbs, which are more energy -efficient and have a longer lifespan.

Renewable energy: The institution will explore the use of renewable energy sources, that is solar energy to supplement its energy needs.

Sustainable practices :

SAS Govt Degree college is committed to promoting sustainable practices in all aspects of its operations. The following measures will be implemented to promote sustainability.

1. **Waste reduction:** The institution will implement waste reduction measures, such as vermicomposting, to reduce the amount of waste generated.
2. **Sustainable transportation:** The institution will encourage the use of sustainable options such as using bicycles, walking and public transportation.

3. Water conservation: The institution will implement water conservation measures, such as landscaping practices and conservation pit.

4. Education and outreach: The institution will educate students, faculty and staff on sustainable practices and encourage them to adopt sustainable behaviors.

Conclusion:

SAS Govt Degree college is committed to reducing its environmental impact and promoting sustainability. This policy document outlines the institution's commitment to energy conservation and sustainable practices. The institution will continue to explore new ways to reduce its environmental impact and promote sustainability in all aspects of its operations.

Action taken:

College installed solar Street Lights and LED bulbs are used maximum in the campus and classrooms. The Eco club of the college is an active and dynamic body to create awareness among the staff and students of the college about environment safety.

The initiatives of Eco club are:

1. Every Saturday of the month is observed as plastic free day
2. No Vehicle day on every last Saturday of month
3. Plantation drives in collaboration with NSS.
4. Establishment of green army to organize and implement various activities and policies.
5. 'implementation of Waste management policy' thorough The activity of dumping garden waste into vermicomposting unit to produce fertile manure.
6. Recycling bins are provided for plastic and paper.
7. "Choose electric, save the earth" motivation campaign to use electric vehicles.
8. Organic farming in the campus.

Achievements:

Sustainable solar energy consumption.

Plantation drives in the campus.

Vermicompost manure is used for college garden to increase the fertility of the soil.

We are successful in creating awareness among students regarding hazardous effects of chemical pesticides and fertilizers on environment.



The Principal

PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh



AUDIT REPORT

Studied for

**S.A.S Government Degree
College, Narayanapuram,**

Narayanapuram, Eluru District,

Andhra Pradesh. -524406, India

21 March 2023

Disclaimer

The Audit Team has prepared this report for the **S.A.S Government Degree College, Narayanapuram, Eluru District, Andhra Pradesh. -534406, India** based on input data submitted by the College analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and College. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and investigation of data collected over a period of time and should not be used for any legal action. This is the property of HYM International Certification Pvt.Ltd. and should not be copied or regenerated in any form.

Acknowledgement

The Audit Assessment Team thanks the **S.A.S Government Degree College, Narayanapuram, Eluru District, Andhra Pradesh** for assigning this important work of Environment Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **everyone from the Management.**

Our heartfelt thanks to Chairperson of the entire process **Dr. T.K Visweswara Rao**, Principal, for the valuable inputs.

We are also thankful to **College's Task force the faculty members - Green Audit Coordinators** who have collected data required sri **D. Redaiah**, Vice Principal, IQAC Coordinator; **Dr.Konda Ravi**, Academic Coordinator; Smt.**G.Kalyani**, Senior Assistant.

We highly appreciate the assistance of **Smt.G.Hepsiba**, Lecturer in Chemistry; **B.Venkateswara Reddy.** , Lecturer in Physics ; **(Special mention for the excellent coordination)**
Dr P.Babu Rao, Lecturer in Maths and the **entire Teaching, Non-teaching and Admin staff** for their support while collecting the data.

Sustainable Academe

HYM International Certification Pvt.Ltd

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1. Introduction

1.1 About the functioning of the Institution

S.A.S Government Degree College Narayanapuram, It is affiliated to AdiKavi Nannayya University . The institution boasts of good infrastructure and academicians. In this regard, our college endeavours to harness excellence with a commitment to the ethos of 'Practical Learning' since 1972. Moreover it has been providing training to its students to help them evolve as competent professionals across India. Since the world has become global, digital and herbal, success requires not only the ability to perform according to the requirements of the position, but also the ability to adjust and get along as a member of a working team. In addition, students have immensely benefitted from our innovative teaching as well as training.

1.2 Statements of the Institution

Vision - To become a center of educational excellence for empowering in a variety of ways by realizing their capabilities so that they can take their rightful place in the society.

Mission

- 1) To inculcate the spirit of quality in Higher Education.
- 2) To trigger the skills related to Education & life.
- 3) To Enhance physical wellbeing of the students.
- 4) To promote social awareness & community Services.
- 5) To inculcate values for betterment of women.
- 6) To train students for academic competition.

1.3 About the Institution

The aim of the college is **"Cultivation of positive self - image and self-confidence, developing capacity for critical thinking and decision - making among the students"** and also to continuously enhance the teaching methods in order to provide students with an opportunity for their all-round development. It also strives for excellence in academics and makes an effort to induce passion for learning along with the inspiration for decisive thinking and assessment, thereby helping them to become the best professionals in their chosen careers. **The Institution is affiliated to Adikavikavi Nannayya University a state university in Rajamundry, East Godavari district, Andhra Pradesh and it offers the following courses.**

- **Graduation** – It offers the following Undergraduate courses.
 - Faculty of Humanities – B.A. Economics
 - Faculty of Commerce – B. Com , General
 - Faculty of Science – B. Sc Zoology,
-B.SC COMPUTERS

The College works towards training young to be competent, committed and compassionate, and lead in all walks of life. Its motto is **"Up liftment of rural young mind education for betterment of society"** and its objectives are:

- To train the students with skills.
- To provide career guidance.
- To give I.C.T edge to the reading and learning skills.
- To inculcate Value education system.
- To provide job orientations.
- To reach social responsibilities for the welfare of the society.

1.4 The surrounding premises around the Institution

The Premises is situated amidst the landscape serene of **Eluru district of Andhra Pradesh State** with immense peace and calmness in the surroundings. The college is locate near NH 16.

There is a frontal approach which provides quite a beautiful appreciation space while approaching the premises; this area is surrounded by huge trees which positively complement the background-foreground aspect in terms of Natural space and built-form Architecture. It also provides ample shade which enhances the micro climate of the region.

1.5 Assessment of the College

1.5.1 Certification

The College has received ISO 50001:2018 Certification for providing educational services in August, 2023.

1.5.2 Accreditation

NAAC - The College received a CGPA of a B Grade in its first cycle of Accreditation in February 2014. The College is due to enter its second cycle of NAAC soon.

1.5.3 Recognitions

The college has achieved the following recognition from **University Grant Commission (UGC) under section 2 (f) & 12 (B) of the UGC Act, 1956 by University Grants Commission, New Delhi.**

2. Institution overview

2.1 Populace analysis for Academic year 2021-22

2.1.1 Students data

The student data (shared by the College) shows there were a total of students in the premises.

2.1.2 Staff data

| Type | Male | Female | Total |
|---------------------|------|--------|-------|
| Admin Staff | 01 | 00 | 00 |
| Teaching Staff | 09 | 06 | 15 |
| Non-Teaching Staff | 06 | 03 | 09 |
| Total Staff Members | 16 | 09 | 24 |

Table 1: Staff data of the Institution for 2021-22

The staff data shows the premises had a total of **24** Staff Members.

2.2 Populace analysis for Academic year 2022-23

2.2.1 Students data

The student data (shared by the College) shows there were a total of 177 students in the premises.

2.2.2 Staff data

| Type | Male | Female | Total |
|---------------------|------|--------|-------|
| Admin Staff | 01 | 00 | 01 |
| Teaching Staff | 09 | 06 | 15 |
| Non-Teaching Staff | 06 | 03 | 09 |
| Total Staff Members | 16 | 09 | 25 |

Table 2: Staff data of the Institution for 2020-21

The staff data shows the premises had a total of **25** Staff Members.

2.3 Total College Area & College Building Spread Area

The **total site area is 5.7 Acres** and the **total Built-up area of College is 16500 sq. ft. for a total of footfalls.**

2.4 College Infrastructure

2.4.1 Establishment

The College was established in 1972. The college is located pretty close to nature and hence has very fresh environment which is absolutely pollution free and healthy. The Building is a Reinforced Cement Concrete (RCC) framework building. **Overall the Infrastructure of the Building is terms of the Architecture Design and Green Building Design. The Premises covers quite a few of the requirements for a Green Habitat.**

2.4.2 Spatial Organisation

The overall ambience of the College is warm and inviting. The classrooms and other spaces have ample natural ventilation in the form of windows with fresh air ventilation. The architecture of the building is quite well designed. The colour palette not just helps the building to stand out but also provides an Institutional arena. It balances with the local architecture with the natural landscapes of huge trees all around. The design emphasis on providing calmness to the built form and gradually.

The floor to floor height is more than 10 feet. There is no provision for lifts in the premises, whereas there are amenities such as CCTV, Fire , Library and first aid box.

2.4.4 Operation and Maintenance of the premises

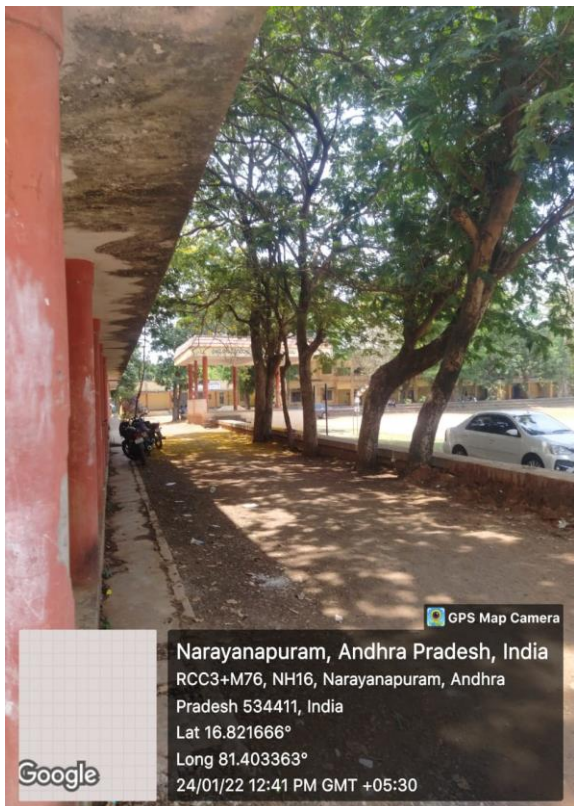
The interview session with the staff regarding the operation and working hours is summarized in the table. The Institutions are open Monday to Saturday for full day.. The detail wise timing for each is mentioned below.

| S. No. | Section | Spaces | Time | Hours/ day | Days in a year |
|----------|----------------------------|---|--|------------|----------------|
| 1 | Main Institutional College | Student areas and Teaching faculty | Monday to Saturday (10:00 a.m. to 05:00 p.m.) | 7 | 280 |
| 2 | General areas | Admin areas and library, Passage, staircase, toilet | Monday to Saturday (09:00 a.m. to 05:00 p.m.) | 8 | 300 |

Table 3: Schedule of the timings of the premises

On-site investigation and physical verification

The Beautiful and Eminent Institution Building and premises





3. Green Building Study Audit

3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution a sustainable and healthy premises for its inhabitants.

3.2 Analysis for the Green Building Study Audit

The procedure included detailed verification for the following:

Energy Audit

- Analysis of the Lights, Fans, AC, Equipment
- Renewable energy
- Scope for reducing the current energy bills if any
- Improvement in the thermal comfort of the campus

Green Audit

- Green initiatives
- Hygiene audit
- Water Audit - Analysis of the current water consumption of campus; Scope to include Rain water harvesting and Waste water treatment in campus
- Waste Audit - Current waste produced, its segregation and usage; Strategies to be adopted for waste management and awareness

Environmental Audit

- Analysis of the current landscape + hardscape of campus
- Analysis of the flora and fauna of campus
- Strategies adopted at present to enhance vegetation
- Measures that can be adopted for ecological improvement of the premises.

3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from admin department, actual inventory, investigation to check the operation and maintenance, analysis of the data collected and preparation of the Report.

3.4 Timeline of the activities for Green Building Study Audit

- Discussion with the College
- Allotment and Initiation by the College
- Induction Meeting
- Survey of the Student and staff submitted
- Data submitted by College
- Submission of the Report

4. Site Study

The following listed are some of the positive site elements which are beneficial to the college in terms of tangible and intangible benefits.

- **Location** - The S.A. S. Government Degree College Narayanapuram, west Godavari district pin code 534406, Andhra Pradesh. India and falls under the grama panchayathi narayanapuram .
 - **Neighbourhood context** - The premises is surrounding by open spaces and Residential, areas on the immediate surroundings of the site.
-
- **Circulation** – There is a smooth transition of pedestrian traffic inside the premises due to the large entrance gate and the huge open space where vehicles of students and staff is parked.
 - **Climate** – In S.A.S. GDC NARAYANAPURAM, the dry season is muggy, windy, and partly cloudy ;

Ecological (Environment) Audit



Background reference image Yugal Shrivastava on pexels

5. Ecological (Environmental) Audit

Environment is an essential part for human survival. We co-exist with the environment and it cannot be termed as a separate entity. The Ecological audit helps to understand the flora, fauna that exists and steps that can be taken to improve the same. To denote if there are problems related to sound in and around the surrounding. In terms of the carbon footprint it helps in keeping a tab on the eco-friendly habits incorporated by the inhabitants of the premises. Health today is the topmost priority, a general understanding of the initiatives undertaken along with sufficient hygiene practices adopted. Universal design is applicable to all built and unbuilt spaces.

As part of our study we could state that the Institution has developed eco-friendly practices and sustainable solutions which are well reflected in the rich biodiversity of the Premises. Being situated near the city the appreciation space towards the main entrance provides a welcoming approach to the College.

The college has huge open space used by all. The students use it for as a leisure place for study and college ground is used for sports activities. There are ample resting spaces as part of building design which provide a resting and warm welcoming approach in the premises.

5.1 Open Spaces

There is a beautiful balance of natural and open spaces in the premises and the open/vegetation spaces are balanced overall. The ground is used by students at present for sports and cultural gatherings. The design on the entire is such that the landscape and softscape spaces are very well oriented and located thus being extremely useful to Institutions in the site. **There are provisions for natural plantations which have enhanced the beauty of the space.**

There are adequate numbers of Maintenance staff allotted for the upgrading the open spaces and they have done an excellence job in terms of the duty allotted. The infrastructure committee too is involved in this process. The traditional tap and pipe facility is adopted for watering and the college has taken special provisions for the same. The spaces are watered daily in summer. **The efforts to maintain the existing space are commendable.**

5.2 Flora audit

A flora survey was carried out to identify the total numbers of plants and trees every year. The landscape area has a variety of plantations constituting hundreds of surveyed trees in premises in the last few years as follows with detail description of each.

| S. No. | Plant Name | Type | Nos. |
|--------|----------------------------|------------|------|
| 1 | Azadiracta indica | Tree | 4 |
| 2 | Pongamia pinnata | Tree | 1 |
| 3 | Bauhinia purpurea | Small tree | 1 |
| 4 | Ocimum sanctum | Herb | 2 |
| 5 | Phyllanthus niruri | Herb | 1 |
| 6 | Cocos nucifera | Tree | 20 |
| 7 | Aloe vera | Shrub | 1 |
| 8 | Lawsonia inermis | Shrub | 1 |
| 9 | Ficus religiosa | Tree | 4 |
| 10 | Psidium guajava | Tree | 1 |
| 11 | Tectona grandis | Tree | 1 |
| 12 | Terminalia catappa | Tree | 1 |
| 13 | Calotropis | Shrub | Many |
| 14 | Elucalyptus globulus | Tree | 1 |
| 15 | Peltophorum pterocarpum | Tree | 4 |
| 16 | Plectranthus amnoinicus | Shrub | 1 |
| 17 | Dieffenbachia seguine | Shrub | 1 |
| 18 | Dracaena trifaciata | Herb | 1 |
| 19 | Euphorbia milli | Shrub | 1 |
| 20 | Catharanthus roseus | Herb | 1 |
| 21 | Sansevieria zeylanica | Shrub | 1 |
| 22 | Epipremnum aureum | climber | 4 |
| 23 | Zanzibar gem | | 1 |
| 24 | Albizia lebbeck | Tree | 1 |

| | | |
|----|------------------------|---|
| 25 | Hibiscus rosa sinensis | 1 |
|----|------------------------|---|

At present there are more than 62+ plantations comprising of plants, trees, shrubs. All of these are planted by the on various occasions and some have grown naturally. Timely maintenance with sufficient care has resulted in positive benefits for the surroundings.

5.4.1 Heat Island Reduction

The Institution has **adopted the following practices which are yielding positive results** in terms of Urban Heat Island Effect which refers to increase in temperature of the surrounding because of ineffective strategies.

- **Exposed roof areas** – The terrace is a flat roof which is absolutely clean and well maintained. The Buildings are covered with white paint and the Maintenance staff along with Management have taken ample measures to maintain the same. **There was no weathering of roof observed.** The current practices are well maintained.
- **Exposed non-roof hardscape areas** - There are pathway on all sides of the premises. These include some natural and potted plantations along the pathways. However, the trees are huge and the canopy is wide spread thus providing ample shade to the outdoor areas of the premises. Hence, there are no direct sunrays or similar effect affecting the students and staff. The college has an open space in the form of lush green carpet which acts as a solution for the urban heat island effect. This huge green space is a very good solution for reducing any harmful health consequences which may arise due to harsh sunlight.

There are adequate measures adopted in the premises to reduce heat island effect of Building roofs and in site.

5.4.2 Outdoor Light Pollution Study

The college compound lights are not upward looking thus, these do not cause light pollution.

5.3 Universal Campus

As per World Report on Disability, 2011 there are 180 million approx. Persons with Disabilities that makes it 15% of total population of India.

There are Ramps, Handrails along staircase and low height risers in the Staircases as part of universal campus initiatives. The design of the premises is appropriate for access with passages and corridors being wide enough in size and naturally ventilated. The doubly and singly loaded corridors are safe from fire safety aspect. The college has resting places (seating areas) in the outdoor along the trees thereby making it user friendly for the specially abled students. **The college can plan to have 100% lifts in the future depending on the situation and facilities in addition to universal toilet.**

5.4 Fire Safety

The Institution has undertaken adequate fire safety measures. Each floor has an open staircase without any barriers for fire safety measures. These staircases are free of any kind of storage or combustible material. The windows in each classroom are at a low height with fresh air and natural light thereby adding to ample ventilation throughout the day. The college should adopt additional fire safety practices such as fire hydrant and others whenever the College undergoes further extension or renovation. The current facilities are however quite well maintained. **Our observation was that there are adequate Fire extinguishers in the premises.** Though, there can also be provision for additional fire safety signages.

5.5 Survey Results

An online survey was conducted to analyse the views about the premises, following are some of the reviews.

5.7.1 Participation

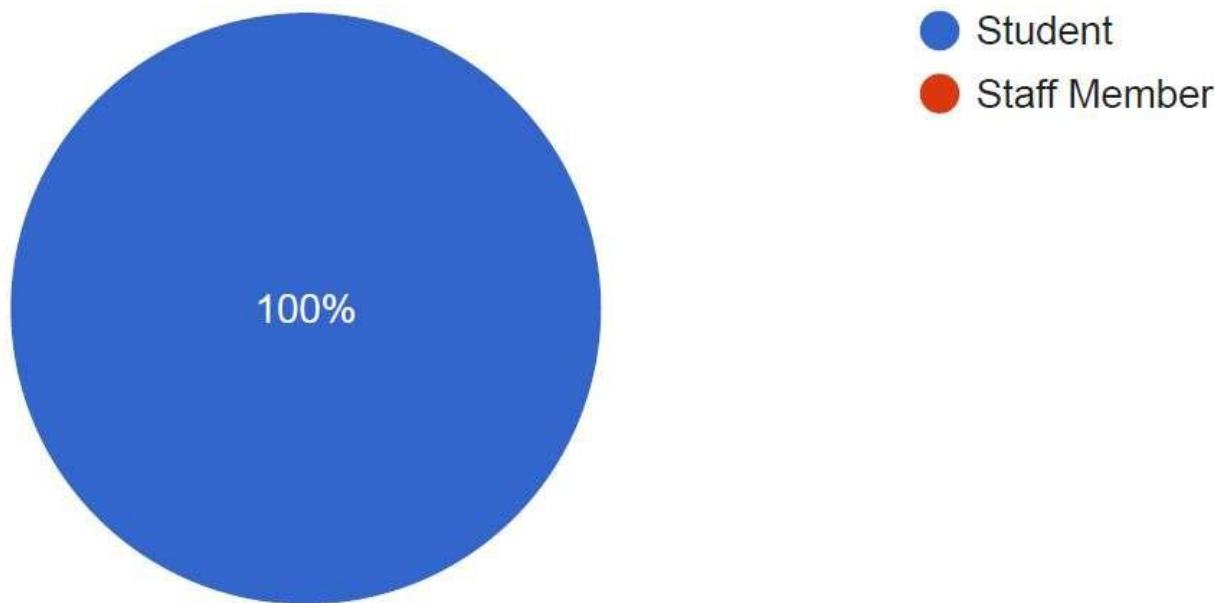


Figure 1: Participation analysis in the survey

A total of **108 responses** were received out of which 100% were students.

5.7.2 What according to you are the positive steps taken by the College towards Green Building/ Good maintenance?

We have listed some of the key responses below.

- Celebrated many awareness programs on eco aspects.
- Conducting Eco tours and programmes. Plastic free premises.
- **Very good conditioned equipments, less power usage bulbs used in our college, we have solar panels on our college roof.**
- Through NSS our college is conducting many awareness and clean & green programs.
- **Punishment to late comers to college is planting a plant at our college premises. Maintenance of Botanical garden with good number of plants, waste water is turned into botany garden.**

5.6 Positive site features as per our study

a) Avoid using plastic in premises

There are provisions for ban on the use of plastic bags or products in the Premises.

b) OPAC system

The system in the library is beneficial for the students.

c) Paperless technologies

The college has gone technology friendly and paperless in the functioning of the Premises.

d) Resting places

There are provisions for resting places in premises in outdoor and indoor.

e) Avoid using plastic in premise

There are provisions for ban on the use of plastic bags or products in the Premise.

f) No vehicle days practiced

The college practices no vehicle day in the premise on a periodical basis.

g) Ample greenery

There are provisions for herbal garden, plenty of lawns with traditional trees and greenhouse in the premises.

5.7 Recommendations for a Sustainable Habitat by Greenvio Solutions

Site beautification

a) Low VOC Paints and Adhesives

Whenever the College undergoes repairs or renovations there should be use of materials with low emissions so as to reduce the adverse health impacts on workmen and the students occupying the space thereafter.

b) Additional facilities for birds

There can be provision for drinking water and food facility for birds visiting in the College premise.

c) Nutrition pits

Certain pits can be demarcated as 'Nutrition pits' where the organic food from kitchen and Canteen fruit peels and fruits or vegetables can be degraded for making nutrition rich soil

Heat island reduction

a) Cool rooftops

It is suggested that the College gets the Terrace roofs painted with Cooltop as it will help reduce the temperature of the spaces.

Universal Campus

a) Universal Toilet

There should be minimum 1 toilet for the specially abled people as per guidelines prescribed by National Building Code 2016 with size being minimum or more than 1.5m x 1.5m

b) User friendly movability in premises

There should be provision of Kerb Ramp near the main entrance of the Building premises, also low height hand rail for ease of access.

c) Resting places

There should be increased provision for resting places in premises in outdoor and indoor.

Pollution Control

a) Promote the use of Eco-friendly vehicles

There can be provision for battery operated vehicles/ low emission vehicles such as electrically driven vehicles parking in open space along with battery charge points, this would inspire students to change mode of transportation and adopt sustainable practices.

b) Bicycles as a gift

As an appreciation gesture may be the students toppers/ staff best performers can be awarded with a bicycle occasionally.

c) Avoid paper wastage

The College can collect all old semester notebooks; these can either be converted to reusable paper in the premises through a workshop or using shredder machine or handed over to vendor for making fresh paper. Additionally the Students can be motivated to undertake similar practice on an individual note.

Smart and responsible environment systems

a) Smart Gardening System

The College can undertake Smart Gardening system using IoT Technology such as an automated watering system. This will result in saving time by scheduling time for watering; Saving money and water as smart irrigation systems have automated water schedules in addition to tracking dampness of soil which helps the irrigation system know when and how much the garden needs. It also helps in healthier plants as with the help of apps, smart irrigation systems, or even smart growing containers, these tasks can be provided evenly and allow the plants to be healthier and more productive.

More information on this system can be checked here <https://www.happysprout.com/inspiration/what-is-smart-gardening/>

On-site investigation and physical verification

The ecologically friendly ambience with facilities such as ramps, parking, greenhouse and botanical gardens.





6. Towards a Healthy & Sustainable Institution

6.1 Inputs by HYM International Certification Ltd.Pvt.

Based on the analysis of the study of premises in addition to the recommendations provided in each section of Ecological, Water, Waste and Energy Audit the College can adopt the following strategies towards a Healthy and Sustainable Institution practices.

- a) Kitchen garden** - There can be provision of kitchen garden practices in a designated area of the open space this would enhance the biodiversity and be useful in training students and staff about the healthy practices and vegetables grown which would be used in Canteen. It helps in capacity building. The smaller steps taken have huge impacts when each student would adopt these practices in their homes or societies and grow kitchen garden, terrace garden there will be a long term benefit for the environment as a whole.
- b) Cutlery in the Canteen** – The regular plastic and steel plates, spoons used in Canteen can be replaced with eco-friendly and organic leaves, paper straw, disposable plates, edible spoons and tables made out of sugarcane waste or bamboo. This will be first of its kind initiative to be adopted and practiced thus also inculcating the healthy practices in students.
- c) Signages** – In addition to the signages being in regular language there can be additional signages in braille language for the specially abled students.
- d) Waste vio** – Stepping up a little further an initiative can be undertaken wherein College can tie up with an organisation and students can be encouraged to collect dry waste and electronic waste such as newspapers, old computers and others and hand over to organisation on a weekly or monthly basis thereby making a waste reduction approach in the community. This has benefits such as awareness, eco-friendly habits in becoming a responsible citizen.

6.2 Survey Results

An online survey was conducted to analyse the student and staff views about what changes according to you can be undertaken for Green audit improvement in College premise and activity.

Some of the suggestions by the Students and staff are listed below:

- Everyday watering to the plants
- Throwing waste materials in dust bins
- More solar panels to reduce electricity bill
- more awareness to be created among surrounding area individuals as they are illiterates
- more solar inverters should be used

However, it should be noted that the College has taken up multiple initiatives and because of Pandemic the students have not practically visited the campus so many of these points are not mandatory at the moment.

7. References

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6. Specific information about the district <https://cdma.ap.gov.in/en/about-us-60>
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Certificate

HYM International Certifications Pvt. Ltd.

Certified that the Energy Management System of

SRI ARAVINDA SATHAJAYANTHI GOVERNMENT DEGREE COLLEGE

Narayanapuram, Eluru Dist, Andhra Pradesh, India

has been assessed and found to be in accordance with the requirements of the Energy standards

ISO 50001 : 2018

for the following scope of certification

IMPLEMENTATION OF ENERGY SAVING PRACTICES

Further information about the scope of this certificate and applicability of ISO 50001 : 2018 requirements may be obtained by consulting the organization.

Issue Date : 09/04/2023

Renewal Date : 08/04/2026

1st Surveillance 08/04/2024

2nd Surveillance 08/04/2025



Authorised Signature

Certificate No : **En91864140111**

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**SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM, WEST GODAVARI DISTRICT-AP**



WOMEN EMPOWERMENT CELL



**2022-23
ACTIVITY-1**

Title: Anty Ragging day

Date: 23-11-22

Event organizer: Dr.B.Jhasi Lakshmibai, Lecturer in Chemistry

Participant Lecturers: 8

Students: 50

Chief speaker: Circle inspector of Police, Ganapavaram; SI station house officer, Chebrolu.

Brief Report:

The Anti-Ragging Day event organized by Dr. B. Jhasi Lakshmibai, Lecturer in Chemistry, on November 23, 2022, aimed to address and combat the persistent issue of ragging within educational institutions. The event witnessed active participation from 8 lecturers and around 50 students, demonstrating a collective resolve to eradicate this harmful practice.

The event commenced with an inaugural address by Dr. B. Jhasi Lakshmibai, who emphasized the importance of fostering a safe and respectful learning environment for all students. Following this, the chief speakers, including the Circle Inspector of Police from Ganapavaram and the SI Station House Officer from Chebrolu, shared insights and strategies to prevent and address instances of ragging effectively.

Various interactive sessions, workshops, and panel discussions were conducted throughout the day, encouraging open dialogue and raising awareness about the legal repercussions of ragging. Students actively engaged in these sessions, expressing their commitment to promoting a culture of mutual respect and support within the campus community.

The event concluded with a pledge-taking ceremony, wherein both lecturers and students vowed to uphold a zero-tolerance policy towards ragging and to promptly report any instances of misconduct. Dr. B. Jhasi Lakshmibai expressed her gratitude to the chief speakers, participants, and organizers for their invaluable contributions towards making the event a resounding success.



Circle Inspector Ganapavaram speaking with the gathering

Outcome:

Increased Awareness: The event succeeded in raising awareness about the detrimental effects of ragging and the importance of creating a conducive learning environment free from harassment and intimidation.

Collaborative Efforts: The active participation of lecturers, students, and law enforcement officials underscored the collective commitment to combatting ragging through collaborative efforts and mutual support.

Pledge for Action: The pledge-taking ceremony served as a symbolic gesture of solidarity, with participants pledging to actively intervene and report any instances of ragging, thereby fostering a culture of accountability and responsibility.

Overall, the Anti-Ragging Day event proved to be a significant step towards promoting a safer and more inclusive educational environment, reaffirming the commitment

of all stakeholders to uphold the dignity and rights of every individual within the campus community.



Police department giving guidance to the students

Signature of department in charge

signature of the principal

ACTIVITY-3

Title: Musical chairs to women staff

Organized by: Women Empowerment Cell, SAS Govt Degree College, Narayanapuram

Participants: All female staff

Motto of the event: Active life leads to good health

Date: 07-3-2023

Venue: SAS Govt Degree College, Narayanapuram

Why musical chairs competition:

The decision by the Women Empowerment Cell to organize a Musical Chairs event at SAS Govt Degree College, Narayanapuram, is not merely an act of entertainment but a strategic initiative rooted in several justifications that align with our mission to empower and uplift women in our institution.

1. Promoting Physical Health:

The event's motto, "Active life leads to good health," encapsulates the core rationale behind its organization. In today's sedentary lifestyle, it's imperative to encourage physical activity among women. By engaging in activities like Musical Chairs, participants not only enjoy themselves but also improve their physical health, thereby fostering overall well-being.

2. Fostering Camaraderie and Unity:

A sense of unity and camaraderie among staff members is essential for a conducive work environment. Musical Chairs provides a platform for women to interact outside of their usual professional roles, fostering bonds of friendship and solidarity that transcend departmental boundaries. This strengthens the fabric of our institution and enhances collaboration among staff members.

3. Empowering Through Participation:

Participation in events like Musical Chairs empowers women by providing them with opportunities to showcase their talents and skills in a supportive environment. Regardless of their position or background, all female staff members are encouraged to participate, fostering a sense of inclusivity and empowerment.

4. Breaking Stereotypes:

Musical Chairs is often associated with children's games or informal gatherings. By organizing such an event specifically for women staff, the Women Empowerment Cell challenges stereotypes and preconceived notions about appropriate activities for women. It sends a powerful message that women can engage in playful activities while still maintaining professionalism and dignity.

5. Celebrating Diversity:

Our institution is home to a diverse group of women with varied interests, talents, and backgrounds. Musical Chairs celebrates this diversity by providing a platform where women from different departments and roles can come together and share a common experience. It celebrates the unique contributions of each participant while fostering a sense of belonging to a larger community.

Report of the event:

In a vibrant display of camaraderie and competitive spirit, the Women Empowerment Cell at SAS Govt Degree College, Narayanapuram, orchestrated a thrilling Musical Chairs event exclusively for the esteemed female staff. With the motto "Active life leads to good health" echoing through the halls, the participants eagerly embraced the opportunity to engage in some friendly competition while promoting the importance of staying active.

The event, held on the auspicious date of March 7th, 2023, at the college premises, radiated an atmosphere charged with enthusiasm and empowerment. As the music played, the participants gracefully circled the chairs, each determined to outmaneuver her colleagues with agility and quick thinking.

After several rounds of intense competition, two standout contenders emerged victorious, their names etched in the annals of the event's history:

Winner:

I. K. Parvathi, from the Department of Commerce, showcased remarkable skill and determination, securing the coveted first place with her strategic moves and unwavering focus.

Runner-Up:

II. Kalyani G, a Senior Assistant, impressed the audience with her agility and poise, clinching the well-deserved second place and earning the admiration of all present.

The event not only provided a platform for friendly rivalry but also served as a celebration of women's strength, resilience, and camaraderie. It underscored the importance of physical activity in maintaining a healthy lifestyle while fostering a sense of unity among the college staff.

The Women Empowerment Cell extends its heartfelt congratulations to all participants for their commendable spirit and sportsmanship. Special accolades are reserved for the winners, whose exemplary performance serves as an inspiration to us all.

As the echoes of laughter and cheers fade away, the legacy of this exhilarating Musical Chairs event continues to resonate, reminding us of the power of unity and empowerment within our community.

With renewed vigour and a commitment to promoting women's empowerment, we eagerly anticipate future events that will further strengthen our bonds and inspire us to reach greater heights together.



Signature of Lecturer in charge

Signature of Principal

ACTIVITY-4

Title: Awareness Program on the Role of Women in Environmental Protection

Hosted by: Women Empowerment Cell, SAS Govt Degree College, Narayanapuram

Date: 5-6-2023

Participants:

Teacher Participants: 9

Student Participants: 25

Introduction:

The Women Empowerment Cell at SAS Govt Degree College, Narayanapuram organized a meeting and discussion session focusing on highlighting the significant role of women in environmental protection. The event aimed to enlighten both teachers and students about the crucial role women play in safeguarding the environment and promoting sustainable practices.

Meeting and Discussion:

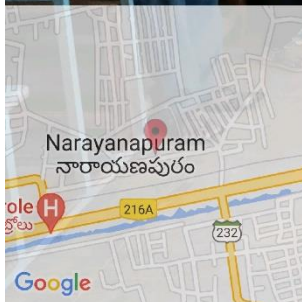
The core of the program cantered on a meeting and discussion session, where participants engaged in dialogue regarding the importance of women's involvement in environmental conservation efforts. Key topics discussed included:

1. The impact of women-led initiatives on environmental sustainability.
2. The role of gender-inclusive approaches in promoting environmental protection.
3. Strategies for increasing women's participation in environmental decision-making processes.
4. Challenges and opportunities for empowering women in environmental activism.
5. Success stories and best practices in women's involvement in environmental conservation.

Outcomes:

The meeting and discussion session provided a platform for participants to exchange ideas, insights, and experiences related to women's role in environmental protection. Participants gained a deeper understanding of the significance of gender equality in sustainability efforts and were inspired to take proactive steps towards promoting environmental conservation in their communities.

Overall, the meeting and discussion session served as an informative and thought-provoking forum, fostering greater awareness and engagement in the intersection of gender empowerment and environmental sustainability.



RCC3+M76, NH16, Narayanapuram, Andhra Pradesh 534411, India

Narayanapuram

Andhra Pradesh

India

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Signature of Lecturer in charge

Signature of Principal

ACTIVITY-5

Title: Honour the achiever, Felicitation of female yoga teacher on Yoga day

Guest of honour: P. Swathi, Physical director, Ganapavaram Government degree College

Program Organizer: B. Jhansi, Lecturer in Chemistry

Date: 21-06-2023

Venue: SAS Government degree College, Narayanapuram.

Participants: Coordinator: Women Empowerment Cell, SAS Govt Degree College, Narayanapuram, girl students of SAS Government degree College.

The event titled "Honouring the Achiever" was organized on the occasion of Yoga Day at SAS Government Degree College, Narayanapuram. The program aimed to recognize and felicitate a female yoga teacher for her contributions to promoting yoga among students.

Honouring a yoga teacher by the Women Empowerment Cell holds significant relevance as it symbolizes the intersectionality of physical and mental well-being, empowerment, and gender equality.

Guest of Honour P. Swathi, the Physical Director of Ganapavaram Government Degree College, graced the occasion and delivered an insightful speech on the significance of yoga for girls. She emphasized the importance of yoga in maintaining physical and mental well-being, particularly for young women. P. Swathi shared her expertise by discussing various yoga postures that can help overcome different physical and mental challenges.

The program was organized by B. Jhansi, a Lecturer in Chemistry at SAS Government Degree College, who ensured the smooth execution of the event. The

coordinator of the Women Empowerment Cell at the college also played a pivotal role in coordinating the program and engaging the girl students of SAS Government Degree College.

Overall, the event served as a platform to honour and acknowledge the dedication and efforts of the female yoga teacher in promoting yoga among students, encouraging them to adopt a healthy lifestyle and harness the benefits of yoga for their holistic development.

In conclusion, honouring a yoga teacher by the Women Empowerment Cell goes beyond mere acknowledgment; it symbolizes a commitment to promoting women's health, empowerment, and equality. By celebrating the achievements of female yoga instructors, the Women Empowerment Cell contributes to a culture of support, inspiration, and inclusivity, fostering a brighter and more empowered future for women and girls everywhere.



Honouring the guest with shawl and memento

Signature of Lecturer in charge

Signature of Principal

ACTIVITY-5

Title: Go higher, an awareness programme on the opportunities of higher education to girls students

Program Organizer: B.Jhansi, Lecturer in Chemistry

Date: 24-04-2023

Venue: SAS Government degree Collge, Narayanapuram.

Participants: Coordinator: Women Empowerment Cell, SAS Govt Degree College, Narayanapuram, department of Physics, English and the girl students of SAS Government degree College.

Introduction:

On April 24, 2023, a ground-breaking awareness program titled "Go Higher" was organized at SAS Government Degree College, Narayanapuram, with the aim of enlightening girl students about the plethora of opportunities available for pursuing higher education. Spearheaded by B. Jhansi, Lecturer in Chemistry, and coordinated by the Women Empowerment Cell, this event brought together students and faculty from various departments to discuss and explore avenues for advancing education among girls.

Objectives:

The primary objective of the program was to educate girl students about the numerous facilities and benefits provided by the government to encourage and support their pursuit of higher education. Through informative sessions, discussions, and interactions, the program aimed to instill confidence and empower girls to aspire for higher studies without financial constraints or societal barriers.

Event Highlights:

The "Go Higher" awareness program featured enlightening sessions and discussions on various aspects related to higher education opportunities for girls. Key highlights of the event include:

Facility Discussion: Informative sessions were conducted to elucidate the various facilities available for girls pursuing higher education, including reservations, fee exemptions, scholarships, and other forms of financial assistance provided by the government. Participants gained valuable insights into how these facilities can significantly reduce the financial burden associated with higher studies, thereby encouraging them to aim higher in their educational pursuits.

Confidence Building: Through motivational talks and success stories shared by accomplished women in academia and other fields, participants were inspired and empowered to overcome barriers and pursue their dreams with confidence. The program aimed to instill a sense of self-belief and determination among girl students, reaffirming their potential to excel in higher education and beyond.

Interactive Sessions: Engaging discussions and interactive sessions provided a platform for participants to voice their concerns, ask questions, and seek guidance regarding higher education opportunities. Faculty members and experts offered valuable advice, mentorship, and support to address the queries and apprehensions of the girl students, fostering a supportive environment conducive to learning and growth.

Conclusion:

The "Go Higher" awareness program proved to be a resounding success in its mission to enlighten and empower girl students about the vast opportunities available for pursuing higher education. By providing valuable information, instilling confidence, and fostering a supportive ecosystem, the program has equipped girl students with the knowledge and motivation to aspire for higher studies without inhibitions or constraints. Moving forward, it is imperative to sustain the momentum generated by this initiative and continue nurturing a culture of empowerment and inclusivity in higher education.



Girls holding books with hope and confidence

Signature of Lecturer in charge

Signature of Principal