



# SREE NARAYANA TRAINING COLLEGE

Nedunganda P.O., Varkala, Thiruvananthapuram, Kerala. Pin.695307

[Affiliated to University of Kerala, Recognised by NCTE,

Re-Accredited by NAAC with Grade B, Recognised by UGC under 2(f) & 12(B)]

Email: [sntcned@gmail.com](mailto:sntcned@gmail.com), Website: [www.sntrainingcollege.edu.in](http://www.sntrainingcollege.edu.in)

## THAALUKAL

### PHYSICAL SCIENCE ASSOCIATION NEWSLETTER FEBRUARY 2022



#### Glimpses:

- NATIONAL SCIENCE DAY CELEBRATIONS 2021
- OBSERVANCE OF INTERNATIONAL PLASTIC BAG FREE DAY 2021
- WORLD OZONE DAY CELEBRATIONS 2021

## NATIONAL SCIENCE DAY CELEBRATIONS 2021

The Physical Science Association of Sree Narayana College organised PERSEVERANCE- NATIONAL SCIENCE DAY CELEBRATIONS 2021 from 22 to 27 February 2021 at the college. National Science Day is observed to mark the discovery of Raman Effect by the great Indian Physicist and Nobel Laureate Sir C. V. Raman on 28 February 1928. The focal theme of celebrating Science Day 2021 is 'Future of STI: Impact on Education, Skills and Work'. The Physical Science Association of Sree Narayana Training College celebrated the National Science Day 2021 through the following programmes:

- Poster-Making Competition
- Paper Presentation on 'Perseverance Rover'
- Treasure hunt
- Debate Competition
- Science Quiz
- Releasing of Tabloid 'Science Reminisce'
- Webinar on 'Advances in Material Science'

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## PERSEVERANCE

### NATIONAL SCIENCE DAY CELEBRATIONS 2021

**From 22 to 27 February 2021**

## Online Poster-Making Competition 22 February 2021



An online poster making competition was conducted under the leadership of Ms. Aiswarya Prasad. The theme for the poster was 'Science: Then and Now'. The received posters were creative, informative and eye-catching. Ms. Athira Jayakumar from the Department of English and Ms. Aswany Prasannan from the Department of Malayalam bagged the first and second prizes respectively.

## Treasure Hunt 24 February 2021



A Treasure Hunt was conducted under the leadership of Ms. Akshaya K. It was an optional wise game. The first team which brought all the clue cards along with the treasure card was declared as the winner. Mathematics Team (Mr. Akash D. S., Mr. Sajin Dev S. and Ms. Thirisa S. Prasad) won the competition.

## Paper Presentation - 'Perseverance Rover' 23 February 2021



A paper presentation on 'PERSEVERANCE ROVER' was carried out by Ms. Darsana Prakash and Mr. Midhun M. L. Ms. Darsana Prakash L. briefly described about this mission of NASA on Mars to study about its atmosphere, and Mr. Midhun M. L. presented a short talk on the topic 'Chowadoutyavum Chowadoshavum', stressing the myths and superstitions prevailing in the society.

## Debate Competition 25 February 2021



A debate was conducted on the topic 'Being a developing nation, should India invest more on scientific research and development purpose other than investing in accomplishing the basic amenities to the needy'. Ms. Reshma G. S. and Mr. Dileesh S. were the moderators. Mr. Muhammed Haris from the Department of Social Science was declared as the best debater. Ms. Abhina from the Department of Malayalam was awarded the second position.



## Science Quiz 26 February 2021



An inter-optional Quiz Competition was conducted. It was moderated by Ms. Sruthy S. Pillai. The rounds were based on basic science, riddles, audio-visual clues etc. Team Natural Science (Ms. Amrutha Prakash, Mr. Sumith, Ms. Anagha) bagged the first position, and Team English (Ms. Avani V. R., Ms. Meenu M. J., Ms. Athira Jayakumar) won the second position.

## Releasing of Tabloid 'Science Reminisce' 26 February 2021



A tabloid entitled 'SCIENCE REMINISCE' (Volume 2) was released by Dr. Pramod G. Nair. The most scientific and significant breakthrough in 2020 was unveiled in it. Dr. Viji V. was the chief editor and Ms. Aiswarya Prasad, Ms. Darsana Prakash L., Ms. Midhun M. L. and Ms. Sruthy S. Pillai were the sub-editors. The layout was done by Ms. Aparna B., Ms. Dhanya B. and Mr. Dileesh S. The first copy of the tabloid was received by Dr. Smitha S. Followed by this, prizes were distributed to the winners by the principal.

## Webinar on 'Advances in Material Science from Macro to Nano Scale' 27 February 2021

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**PERSEVERANCE**  
NATIONAL SCIENCE DAY CELEBRATIONS 2021

**From 22 to 27 February 2021**  
**Focal Theme: Future of STI: Impact on Education, Skills & Work**

**Resource Talk**

**Webinar on**  
**ADVANCES IN MATERIALS SCIENCE:  
FROM MACRO TO NANO SCALE**

**Dr. SREEKALA M. S.**  
(AvH & JSPS Fellow), Post-Graduate Department of  
Chemistry, Sree Sankara College, Kalady

**Date & Time**  
27 February 2021 (Saturday) at 10.00 am

**Platform**  
Google Meet

**Programme Schedule**

Prayer	: Ms. Aparna B.
Welcome Address	: Dr. Viji V. (Convener & Assistant Professor, SNTC)
Presidential Address	: Dr. Sheeba P. (Principal, SNTC)
Felicitation	: Sri. Praveen R. (Associate Professor, SNTC)
Introducing the Resource Person	: Ms. Aiswarya S.
Vote of Thanks	: Ms. Akshaya K.
National Anthem	
Comper	: Ms. Umalekshmi S. I., Reporting: Ms. Swathy J. P.

**A Glimpse into Science Week Programmes 2021**

22 February 2021: Poster-Making Competition  
23 February 2021: Paper Presentation on 'Perseverance Rover'  
24 February 2021: Treasure Hunt  
25 February 2021: Debate Competition  
26 February 2021: Science Quiz Competition  
Release of tabloid 'Science Reminisce'- Vol. 2  
Distribution of Prizes

A webinar on the topic 'ADVANCES IN MATERIAL SCIENCE FROM MACRO TO NANO SCALE' was carried out by Dr. Sreekala M. S. (AvH & JSPS Fellow), Post Graduate Dept. of Chemistry, Sree Sankara College, Kalady in online platform, Google Meet. The webinar was convened by Dr. Viji V., Assistant Professor in Physical Science. Dr. Sheeba P., the Principal of the college, gave the presidential address. Dr. Sreekala M. S. explained Quantum dots, Nano transistors, DNA Motor etc. and mentioned the various applications of nano science in day-to-day life.


The webinar marked the end of the six-day long science week celebrations.

# OBSERVANCE OF INTERNATIONAL PLASTIC BAG FREE DAY 2021


International Plastic Bag Free Day was created as a worldwide initiative for promoting environmental conservation staying away from the use of plastic bags and instead look for more eco-friendly alternatives. The Physical Science Association of Sree Narayana Training College, Nedunganda observed the International Plastic Bag Free Day on 3 July 2021. As a part of it, the following programmes were conducted:

- Intercollegiate Essay Writing Competition
- Intercollegiate Parody Song Competition
- School level Quiz Competition
- Awareness Video on 'Plastic Pollution'
- Webinar on 'Environmental Statutes on Solid and Plastic Waste Management'

## Intercollegiate Essay Writing Competition



**SREE NARAYANA TRAINING COLLEGE**  
NEDUNGANDA, VARKALA  
THIRUVANANTHAPURAM - 695307



**SAY NO TO PLASTIC BAGS!**  
GO GREEN

Physical Science Association Presents  
**Intercollegiate Essay Writing Competition in connection with International Plastic Bag Free Day**  
**Theme: A DAY WITHOUT PLASTIC**

Dr. Viji V.  
Convener

Dr. Sheeba P.  
Principal

### Guidelines

1. Competition is open only for B.Ed students.
2. Participants must imagine a day without plastic and write their thoughts and experiences.
3. Participants can use their creativity to make it unique and attractive.
4. Multiple entries from a college is allowed.
5. Only one entry from a participant is allowed.
6. Writing can be either in English or Malayalam.
7. Entries should not exceed three pages.
8. The last date for sending entries is 1 July 2021 (Thursday) at 9 pm
9. Decision of judging panel is final.
10. e-certificate will be awarded to the winners.
11. Entries should be submitted in pdf format to the mail id [gopikaambadi12@gmail.com](mailto:gopikaambadi12@gmail.com) or WhatsApp No. 8086841065

Gopika V.  
Student Coordinator  
8086841065

**Deadline**  
1 July 2021  
9 pm

An intercollegiate essay writing competition was organized for B.Ed. students based on the theme 'A Day Without Plastic'. The competition was coordinated by Ms. Gopika V. For the Malayalam Essay Writing, Ms. Shary Henry, Fathima Memorial Training College, Pallimukku, Kollam; Ms. Soorya S., SNTC, Sreekandeswaram, Poochakkal and Ms. Amalda Mathew, CUTEC, Kaniyambatta, Wayanad bagged the first, second and third prizes respectively. For the English Essay Writing Competition, Ms. Navami S., SNTC, Poochakkal; Ms. Joncy Grace Mathew, KUCTE, Kulakada and Ms. Lumitha Bai B, PKM College of Education, Madampam bagged the first, second and third prizes respectively.

## Intercollegiate Parody Song Competition



**SREE NARAYANA TRAINING COLLEGE**  
NEDUNGANDA, VARKALA

**PHYSICAL SCIENCE ASSOCIATION**  
Presents

"പാടാം നമുക്ക് പാടാം,  
വീണ്ടുമൊരു പാരഡി ഗാനം.."  
Intercollegiate  
Parody Song Competition

**Theme: Plastic - free life**

PROGRAMME CONVENER  
Dr. VIJI V.

PRINCIPAL  
Dr. SHEEBA P.

### Guidelines

- 1) Competition is exclusively for B.Ed. students.
- 2) Multiple entries from a college is allowed. Only one entry from each participant is entertained.
- 3) Write a parody song based on any Malayalam film song.
- 4) Lyrics of the parody song must match the theme 'Plastic Free Life'.
- 5) Write a minimum of 8 lines of the parody song and send it to the below mentioned WhatsApp number in pdf format only.
- 6) Also send an audio clip of the parody song (minimum one minute duration) sung by the participant or a friend of the participant who can sing.
- 7) Evaluation is strictly based on the lyrics, appropriateness with the theme, resemblance with the original film song.
- 8) Decision of the judging panel will be final.
- 9) E-certificates will be provided for the winners.

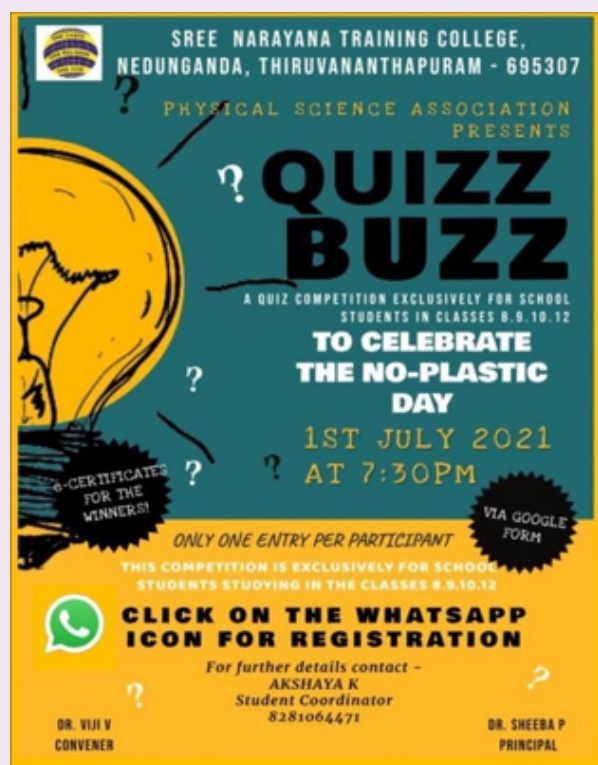
8281192230  
MIDHUN M. L.  
Student Coordinator

**Deadline**  
01/07/2021  
5:00 pm

An Intercollegiate Parody Song Competition was organized for B.Ed. students. The competition was coordinated by Mr. Midhun M. L. The theme for the parody song was 'Plastic-free Life'. Ms. Aliya Karim, Department of Mathematics, KUCTE, Aryad, Alappuzha and Ms. Anusree K. C., Department of Malayalam, PKM College of Education, Madampam shared the first prize. Ms. Akhitha Sunil A., Department of Mathematics, BNV College of Teacher Education, Thiruvallom, Thiruvananthapuram and Ms. Devika S. Kumar, Department of Physical Science, Govt. College of Teacher Education, Calicut, bagged the second and third prizes respectively. E-certificates were issued to all the winners.



## 'Quizz Buzz' - Quiz Competition



A quiz competition named 'Quizz Buzz' was organized for school students in classes 8, 9, 10 and 12. The competition was coordinated by Ms. Akshaya K. 237 students from various schools at the national as well as international levels participated in the quiz. Fathima N. S., SSSVHSS, Chirayinkeezhu, Thiruvananthapuram; M. S. Karthikeyan, Jyothi Public School, Nalamile, Alappuzha and Sreelekshmi V. V., Amritha Higher Secondary School, Paripally, Kollam bagged the first, second and third prizes respectively. e-certificates, along with cash awards were provided to the winners.

## Awareness Video on Plastic Pollution

An Awareness Video, including the Do's and Don'ts related to plastic to prevent plastic pollution, along with the various facts related to plastic, was created for school children. The video was compiled and edited by Ms. Darsana Prakash L. and released for students via YouTube on 3 July 2021. The YouTube link is attached.

<https://youtu.be/AxYSxjiNY8c>

## Webinar on 'Environmental Statutes on Solid and Plastic Waste Management'

3 July 2021


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**Webinar in connection with  
INTERNATIONAL PLASTIC BAG FREE DAY**

**ENVIRONMENTAL STATUTES ON  
SOLID AND PLASTIC WASTE MANAGEMENT**

Organised by  
**PHYSICAL SCIENCE ASSOCIATION, SNTC**  
 in collaboration with  
**KERALA STATE POLLUTION CONTROL BOARD**



**Dr. SHEELA A. M.**  
Chief Environmental Engineer,  
Kerala State  
Pollution Control Board

**Programme Schedule**

Compering	: Ms. Gopiha V.
Prayer	: Ms. Pooja J. B.
Welcome Address	: Dr. Viji V. (Programme Convener)
Presidential Address	: Dr. Sheela P. (Principal, SNTC)
Felicitatation	: Dr. Smitha S. (Assistant Professor, SNTC)
Introducing the Resource Person	: Mr. Dileesh S.
Resource Talk	: Dr. SHEELA A. M. (Chief Environmental Engineer, Kerala State Pollution Control Board)

Presentation of Awareness Video on Plastic Pollution : Ms. Darsana Prakash L.

Announcement of Competition Results	: Ms. Reshma G. S.
Vote of Thanks	: Ms. Aparna B.
National Anthem Reporting	: Ms. Sruthy S. Pillai

**Conveners**

Dr. Viji V. Assistant Professor, SNTC & Convener	Dr. Sheela P. Principal, SNTC
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**Organising Team**

Sri. Praveen R.	Dr. Pramod G. Nair
Dr. Smitha S.	Dr. Reetha Ravi H.
Sri. Amjith S.	Dr. Sangeetha N. R.
Smt. Chitra S.	Dr. Rani K. V.
Dr. Dhanya B. Chandran	Ms. Neelima P.

& All Members of the Physical Science Association, SNTC

Click on this image to join the Webinar:



Physical Science Association of Sree Narayana Training College, Nedunganda, in collaboration with Kerala State Pollution Control Board, organized a webinar in connection with International Plastic Bag Free Day on 3 July 2021 in the Google Meet platform. The resource talk was on the topic 'ENVIRONMENTAL STATUTES ON SOLID AND PLASTIC WASTE MANAGEMENT' by Dr. Sheela A. M., Chief Environmental Engineer, Kerala State Pollution Control Board. The resource person detailed the various constitutional provisions related to pollution, the rules associated with each type of waste and how to register/ authorize it, and the recycling of plastic waste. She detailed on compostable plastic and how the marking/ labelling of plastic carry bag take place.

# WORLD OZONE DAY CELEBRATIONS 2021

## World Ozone Day Celebrations 2021

**14 Sept.** Intercollegiate Poster Making Competition

**15 Sept.** Webinar: Ozone- Science and Preservation

**16 Sept.** Paper Presentation: 'Life Depletes when Ozone Depletes' by Ms. Amritha S.

**17 Sept.** Paper Presentation: 'Don't let the Future Go up in Smoke' by Mr. Dileesh S.

## WEBINAR ON OZONE - SCIENCE AND PRESERVATION

**Resource Person**



**Sri. SARATH P.S.**  
PGT in Physics,  
MGM Model School,  
Ayiroor, Varkala

**PROGRAMME SCHEDULE**

Compering	: Ms. Nimisha S.
Prayer	: Ms. Remya R.
Welcome Address	: Dr. Sheeba P. (Principal, SNTC)
Presidential Address	: Mr. Midhun M. L. (Chairman, College Union, SNTC)
Felicitation	: Dr. Reetha Ravi H. (Assistant Professor, SNTC)
Introducing the Resource Person	: Dr. Sangeetha N. R. (Assistant Professor, SNTC)
Resource Talk	: Sri. SARATH P. S.
Vote of Thanks	: Ms. Anjana Venu
National Anthem	
Reporting	: Ms. Bini B. S.

**Date** : 15 September 2021

**Time** : 9.30 a.m.

**Platform:** 

**Conveners:**

- Dr. Sheeba P. (Principal, SNTC)
- Dr. Pramod G. Nair (Associate Professor)
- Dr. Viji V. (Programme Convener & Assistant Professor)
- Dr. Dhanya B. Chandran (Assistant Professor)
- Ms. Darsana Prakash L. (Student Coordinator)

On 15 September 2021, the World Ozone Day Celebrations included a Webinar on the topic 'Ozone- Science and Preservation'. The programme was coordinated by Dr. Viji V. Sri. Sarath P. S., PGT in Physics, MGM Model School, Ayiroor, Varkala, and an Alumnus of the college was the resource person. He focused his talk more to the area of preservation, emphasising the ways to preserve the ozone layer, how we save our earth, importance of ozone layer and ozone depletion.

## Editors:

*Dr. Viji V. (Chief Editor)*

*Aiswarya Prasad*

*Aiswarya T.*

*Akshaya K.*

*Aparna B.*

*Darsana Prakash L.*

*Dhanya B.*

*Dileesh S.*

*Dipin R.*

*Gopika V.*

*Megha S.*

*Midhun M. L.*

*Pooja J. B.*

*Reshma G. S.*

*Sreelekshmi M. S.*

*Sruthy S. Pillai*

*Swathy J. P.*

*Syamili S.*

*Umalekshmi S. L.*