

SREE NARAYANA COLLEGE CHENGANNUR

POST GRADUATE DEPARTMENT OF PHYSICS
SCIENCE FORUM & IQAC



ORGANIZING COMMITTEE

Smt. Shereen K (Principal-in Charge)
Dr. Smitha Sasidharan (IQAC Co-ordinator)
Dr K Sreelatha (Co-ordinator-NSD 2022), Head, Dept. of Physics)
Sri. Praveen K H (Asst. Professor, Dept. of Physics)
Sri. Jincemon Cyriac (Asst. Professor, Dept. of Physics)
Ms. Shehina Shaji (Asst. Professor, Dept. of Physics)
Ms. Renju Ravi (Asst. Professor, Dept. of Physics)
Ms. Arya Raveendhran (Asst. Professor, Dept. of Physics)
Ms. Reshma Remesh (Asst. Professor, Dept. of Physics)

Dr K Sreelatha
Head of the Department

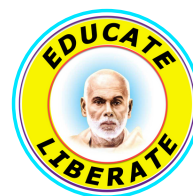
Smt. Shereen K
Principal-in-Charge



SUPPORTED BY
**ACADEMY OF PHYSICS
TEACHERS KERALA**

For Details contact:

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2022

NATIONAL SCIENCE DAY CELEBRATIONS

ONE-DAY SEMINAR &
AWARENESS PROGRAMME

INTER-COLLEGIATE POSTER
PRESENTATION COMPETITION

**Transforming Society
with Physics**

LAST DATE OF SUBMISSION

26 FEBRUARY 2022

Instructions:

- Design a poster on contributions of Physics for the sustainable development of our society
- Digital posters - A4 size - pdf format
- Mention the name of the student, college, email-id & mobile no:

SEND YOUR SUBMISSION TO

physics.snchchengannur@gmail.com

**INTER-DEPARTMENTAL
SCIENCE QUIZ COMPETITION**

VENUE: COLLEGE AUDITORIUM
TIME: 2.00 PM

28 FEBRUARY 2022

Instructions:

- Quiz open to all UG students
- Screening test to qualify for the final round

**BOOKS AND CERTIFICATES WILL BE
AWARDED TO THE WINNERS**

SREE NARAYANA COLLEGE CHENGANNUR

NATIONAL SCIENCE DAY CELEBRATIONS-2022

26 & 28 February 2022

REPORT

The Department of Physics, Science Forum and IQAC of the Sree Narayana College Chengannur organized various competitions and a one-day seminar & awareness programme in connection with the National Science Day Celebrations this year. The event was supported by Academy of Physics Teachers, Kerala (APT). The programs primarily targeted the student community to create an awareness on the developments of science and technology in India. The programs inspired students to go for higher studies in basic sciences and understand the importance of studying basic sciences. The programs also stimulated their co-curricular and creative aspects. The program brochure, related documents with captioned photographs are also enclosed herewith.

A one-day seminar & awareness programme was organized on 28 February 2022. An Intercollegiate Poster Presentation Competition and an Interdepartmental Science Quiz Competition was conducted on 26 and 28 February 2022 respectively.

ONE-DAY SEMINAR AND AWARENESS PROGRAMME

28/02/2022

The Department of Physics & Science Forum of Sree Narayana College Chengannur jointly hosted a one-day seminar and awareness programme on 'National Science Day Celebrations-2022 on 28 February 2018. About seventy students participated in the programme. Programme began with the prayer song. Dr.K.Sreelatha, Head of the Department of Physics delivered the welcome address. Smt.Shereen K, Principal of the college inaugurated the function and delivered the inaugural address. Sri.Praveen K H, Assistant Professor, Department of Physics, felicitated the occasion.

Miss.Aswathy J S, II MSc Physics, presented a seminar on "Graphene-The New Wonder Material". I M Sc students, Miss.Ardrasajeev, Miss.Lakshmi S, Miss Kavitha K M, Mr.Sandeep Kumar S presented their photographs on the topic "Science in Nature" and explained the scientific

facts in it. Smt. Parvathy S Kumar proposed a vote of thanks to the gathering. The programmes came to an end with the National Anthem.

DETAILS OF COMPETITIONS ORGANIZED

The Intercollegiate Poster Presentation Competition was conducted on the topic “Transforming Society with Physics”. Ten colleges participated in the competition, and we received twelve entries. Mr.Akash B P, I B.Sc. Physics from Bishop Moore College, Mavelikkara, Ms.Aardra. T. S, Dr. Palpu College of Arts and Science,Kollam and Ms.Kavitha K M, Sree Narayana College Chengannur received the first, second and third prizes respectively. of the intercollegiate competition. Books worth ₹.1000/-, ₹.750/- and ₹.500/- were given to the first, second and third prize winners. For interdepartmental science quiz competition Ms.Parvathy Dileep, III BA Economics and Munnu R, III B.Sc. Chemistry bagged the first and second prizes respectively. Books worth ₹.500/- and ₹.300/- were given to the first and second prize winners.

Sreelatha, K

Dr.K.Sreelatha
Head, Department of Physics



Smt.Shereen K
Principal-in- Charge

PRINCIPAL
SREE NARAYANA COLLEGE
CHENGANNUR

NATIONAL SCIENCE DAY CELEBRATIONS-2022

26 & 28 February 2022

PHOTOGRAPHS OF PROGRAMMES ORGANIZED



PRAYER



WELCOME ADDRESS BY Dr.K.SREELATHA



INAUGURATION BY SMT.SHEREEN K, PRINCIPAL



INAUGURAL SPEECH SMT SHEEREN



FELICITATION BY SRI.PRAVEEN K H



AUDIENCE



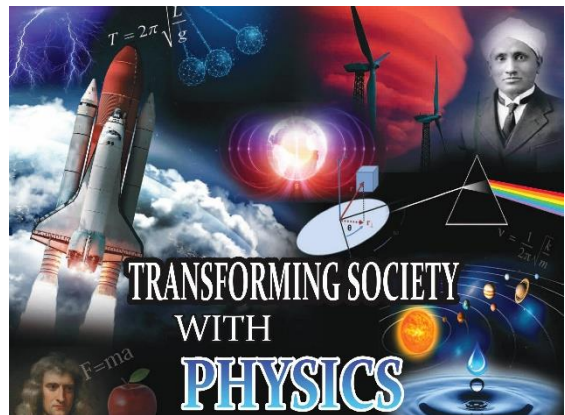
PHOTOGRAPHY PRESENTATION



PHOTOGRAPHY PRESENTATION



SCIENCE QUIZ



POSTER PRESENTATION



SEMINAR PRESENTATION



VOTE OF THANKS BY PARVATHY S KUMAR



SREE NARAYANA COLLEGE CHENGANNUR
DEPARTMENT OF PHYSICS, SCIENCE FORUM & IQAC

NATIONAL SCIENCE DAY CELEBRATIONS-2022

26 & 28 February 2022

- **Winners of Intercollegiate Poster Presentation Competition**

I Prize-Rs.1000/- Akash B P -Bishop Moore College, Mavelikkara

II Prize-Rs.750/-Aardra T S-Dr.Palpu College of Arts and Science, Kollam

III Prize-Rs.500/- Kavitha K M, Sree Narayana College, Chengannur

- **Winners of Interdepartmental Science Quiz Competition**

I Prize-Rs.500/-Parvathy Dileep-III BA Economics

II Prize- Rs.300/-Munnu R-III B.Sc. Chemistry

- BOOKS WORTH THE PRIZE MONEY WAS GIVEN.
- ALL BOOKS PURCHASED WERE THROUGH AMAZON
- FOR INTERCOLLEGIATE WINNERS BOOKS SEND TO STUDENTS

Sreelatha, K

Dr.K.Sreelatha
Head, Department of Physics



Smt.Shereen K
Principal-in- Charge

PRINCIPAL
SREE NARAYANA COLLEGE
CHENGANNUR



ചെങ്ങന്നൂർ ശ്രീനാരായണ കോളേജിൽ നടന്ന ദേശീയ ശാസ്ത്രദിനാഘോഷം പ്രിൻസിപ്പൽ ഷെറിൻ.കെ ഉദ്ഘാടനം ചെയ്യുന്നു

ദേശീയ ശാസ്ത്രദിനാഘോഷം

ചെങ്ങന്നൂർ: ശ്രീനാരായണ കോളേജ് ഭൗതികശാസ്ത്ര വിഭാഗവും സയൻസ് ഫോറവും ഐക്യമായി സംയുക്തമായി ദേശീയ ശാസ്ത്രദിനാഘോഷിച്ചു.

കോളേജ് പ്രിൻസിപ്പൽ ഷെറിൻ.കെ സമ്മേളനം ഉദ്ഘാടനം ചെയ്തു. ഭൗതികശാസ്ത്ര വിഭാഗം മേ

ധാവി ഡോ.കെ ശ്രീലത, പ്രവിൺ കെ.എച്ച്, പാർവതി എസ്.കുമാർ എന്നിവർ പ്രസംഗിച്ചു. പരിപാടിയോടനുബന്ധിച്ച് സെമിനാർ, ശാസ്ത്ര ക്വിസ് മത്സരം, ഫോസ്റ്റർ പ്രസന്റേഷൻ മത്സരം, ഫോട്ടോഗ്രാഫി പ്രദർശനം എന്നിവ നടത്തി.



Kavitha K M
I MSc. Physics
SN College, Chengannur

**Secured second prize in
Intercollegiate photography
competition conducted by
Marian college, Kuttikanam**



Sparkling Pearls :

A water drop on a hydrophobic surface acting as a convex lens.

Hydrophobic which means "water-fearing", describes the segregation of water and nonpolar substances, which maximizes hydrogen bonding between molecules of water and minimizes the area of contact between water and nonpolar molecules.

Acting as a lens, the water drop refracts incoming light to a focal point before the light spreads out again.

Surface tension maintains the droplet's spherical shape, creating a convex lens.