

SREE AYYAPPA COLLEGE,
ERAMALLIKKARA, CHNEGANNUR, ALAPPUZHA

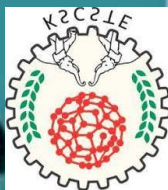


REPORT OF NATIONAL SCIENCE DAY CELEBRATIONS- 2019

NATIONAL SEMINAR ON SCIENCE COMMUNICATION A TOOL FOR DEVELOPMENT
FEBRUARY 28TH & 29ST 2019

SUBMITTED TO
KERALA STATE COUNCIL FOR SCIENCE TECHNOLOGY AND
ENVIRONMENT

**"Science for
Nation Building"**



ORGANIZED BY

SCIENCE CLUB & DEPARTMENT OF BIOCHEMISTRY & INDUSTRIAL
MICROBIOLOGY,

SREE AYYAPPA COLLEGE, ERAMALLIKKARA

SPONSORED BY

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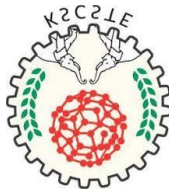
**NATIONAL SEMINAR ON SCIENCE COMMUNICATION A TOOL FOR DEVELOPMENT -
FEBRUARY 28TH & 29ST 2019**

ORGANIZED BY

**SCIENCE CLUB & DEPARTMENT OF BIOCHEMISTRY & INDUSTRIAL
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ABOUT THE SEMINAR

The Science club in association with the Department of Biochemistry and Industrial Microbiology, Sree Ayyappa college, Eramallikkara organized a 'National seminar on science communication a tool for Development' sponsored by Kerala state council for Science Technology and Environment as a part of National Science day 2018 on February 27th and 28th. Every year, February 28th is observed as National Science Day. In **1928** an Indian Scientist **Sir Chandrasekhara Venkata Raman** discovered a phenomenon known as **Raman Effect** and for his remarkable discovery in **1930** he got **Nobel Prize**, which was the first Nobel Prize in India in the field of Science and to mark this discovery every year National Science Day is celebrated. The theme of National Science Day **2019 - "Science for the People and the People for Science"**. Kerala state council for Science Technology and Environment has emphasized to focus on the theme "**Science communication to all**". The main aim of the seminar is to make the youth aware about importance of Science and communicating the scientific discoveries for the development of Science.

INAUGURAL FUNCTION

The seminar started at 10.00AM on February 27th 2018 with a prayer to the almighty. Welcome speech was delivered by Dr. Nitha. B, Head, Department of Biochemistry and Industrial Microbiology, Convener Science club and convener of the Seminar. Dr. K.S. Anil Kumar, Principal presided over the function. In the presidential address principal mentioned about the importance of communicating Science and various developments in Science. The seminar was inaugurated by Dr. A.B.Remashree, Director-Research-Spices Board, Kochin. She talked about how to communicate science effectively and what is the importance of communicating science. Sr.K.C.Prakash, IQAC convener, Dr.Ganga.G, Assistant Professor, Microbiology Dr. Sandeep.S, Assistant Professor, Chemistry, Dr.Vidya.N, Member Science club delivered the felicitation speech and Dr.ejiya.C.S, Member Science club expressed vote of thanks.

NATIONAL SCIENCE DAY CELEBRATIONS



Two day National Seminar On SCIENCE COMMUNICATION A TOOL FOR DEVELOPMENT

Focal Theme- Science Communication to all
February 27th and 28th 2019

SPONSORED BY:
KERALA STATE COUNCIL FOR SCIENCE TECHNOLOGY
AND ENVIRONMENT

ORGANIZED BY:
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MICROBIOLOGY

SREE AYYAPPA COLLEGE, ERAMALLIKKARA
(Govt. Aided, Affiliated to University of Kerala)
Chengannur, alappuzha-689 109 Phone- 0479 - 2427615

PROGRAMME SCHEDULE February 27th 2019

- 9.30 AM : Registration
10.00 AM : Prayer
10.05-10.30 - INAGURAL FUNCTION
Welcome Speech : Dr.NITHA.B, Convenor, Science Club
HOD, Biochemistry & Industrial Microbiology
Presidential Address : Dr. K.S. ANL KUMAR, Principal
Inauguration
Key Note Address : Dr. A.B.REMASHREE, Director-Research, Spices Board,
Ministry of Commerce & Management, Cochin, India
Felicitations : Dr.K.C.Praksh, Convener, IQAC
Dr. Ganga.G, Assistant Professor, Microbiology
Dr. Sandeep. S, Assistant Professor, Chemistry
Dr. Vidya.N., HOD, Mathematics
Vote of thanks : Dr.Rejija.C.S, Assistant Professor, Biochemistry
Tea Break
Academic SESSION -I, 11.00-12.00
Facets of Plant Science Research
DR. C.T. SADASIVA GOWDA, Senior Manager
Research & Development, STAR HI HERBS PVT LTD,
Bengaluru, Karnataka



- Academic Session II 12.00-1.00 PM
The Art of Communicating Science
DR. BIJU DHARMAPALAN, Head, Bioscience Division,
MACFAST, Thiruvalla ((Science Communicator,
National Institute of Science Communication and
Information Resources (CSIR- NISCAIR), New Delhi
1.00-1.30 PM LUNCH BREAK
1.30-2.30 PM Scientific Knowledge presentations in
different field of Science (Oral)
2.30-3.30 PM Science Expo

DAY II- February 28th 2019

COMPETITIONS FOR COLLEGE/SCHOOL STUDENTS

- 10.00 AM : Poster presentations in different emerging
area of Science
10.30 AM : Science Quiz
TEA BREAK
11.30 AM : Painting Competition On Science Communication
12.00 PM : Short film shows in emerging areas of Science
LUNCH BREAK
1.30-2.30 : Valedictory Function and Prize Distribution

About the Seminar
Dear Science Fraternity,
Greetings from Sree Ayyappa College.

"Science of Today is the Technology of Tomorrow"- Edward Teller

We are glad to announce that National Science Day of this year will be
celebrated by conducting a KSCSTE sponsored seminar on "SCIENCE COMMU-
NICATION A TOOL FOR DEVELOPMENT" which is proposed to be held on 27-28
February 2019. We heartily welcome you all to join in this endeavor to promote
Science communication as well as inculcating the research aptitude in our students.





INAGURATION BY DR.A.B.REMASHREE



WELCOME SPPECH



PRESIDENTIAL ADDRESS



INAGURAL ADDRESS

INVITED TALK ON IMPORTANCE OF SCIENCE COMMUNICATION

Dr.A.B.Remashree handled the first session. She delivered a speech on the importance of science communication. The class started by 11.15 AM. She talked about how the science can be communicated effectively. She mentioned that scientific knowledge should reach all people, for its development. Science develops only through effective communication. She talked about how a scientific knowledge can be published in journals as articles, reviews etc. She explained how a project can be selected, how a work can be designed etc for the students.



PRESENTING MEMENTO TO THE RESOURCE PERSON



FELICITATIONS



VOTE OF THANKS

INVITED TALK-THE ART OF COMMUNICATING SCIENCE

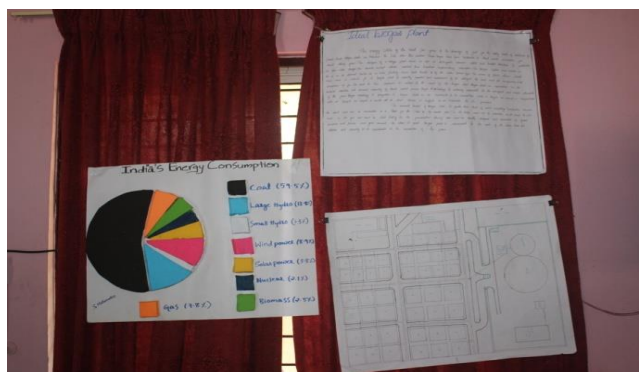
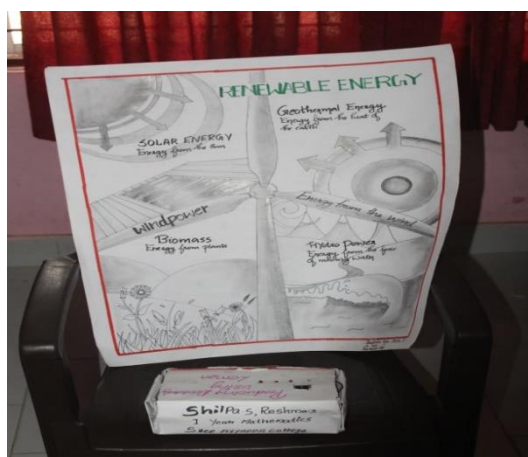
Dr.Biju Dharmapaln, Science Communicator, National Institute of Science Communication and information practices handled the Session II. He delivered information on the topic The Art of Communicating Science. He explained various science communicating methods, journals, books, news papers etc to the students. He explained them the importance of reading scientific articles, important libraries etc. He interacted with the students effectively and the session was quite interesting to the students.

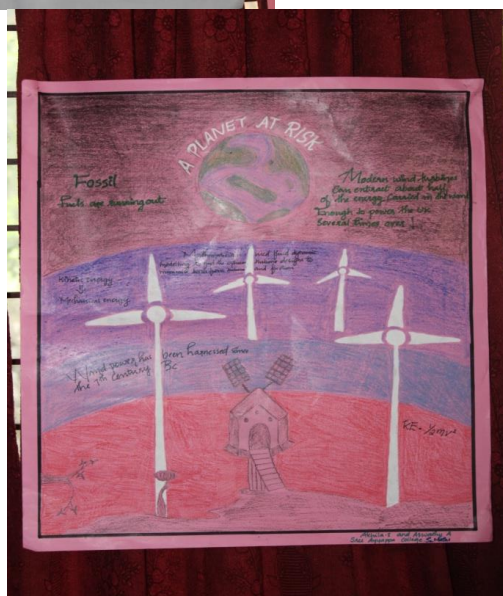
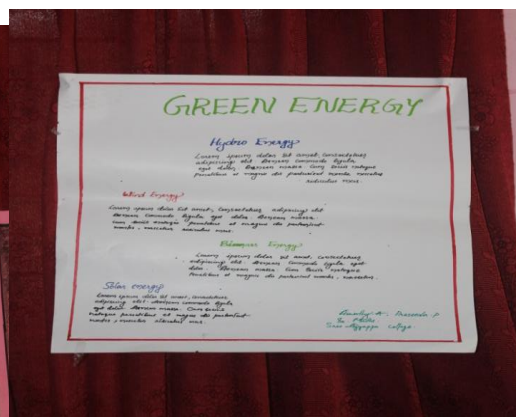
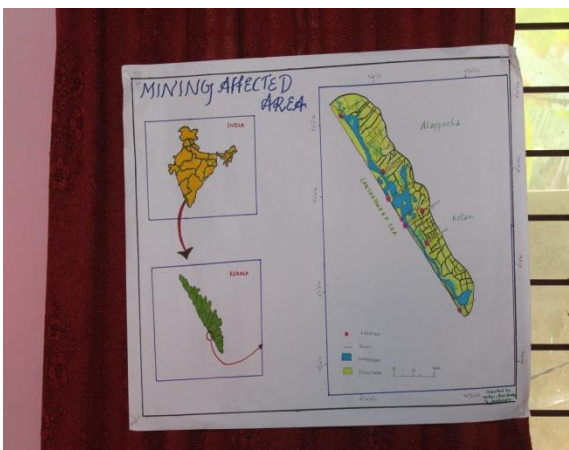
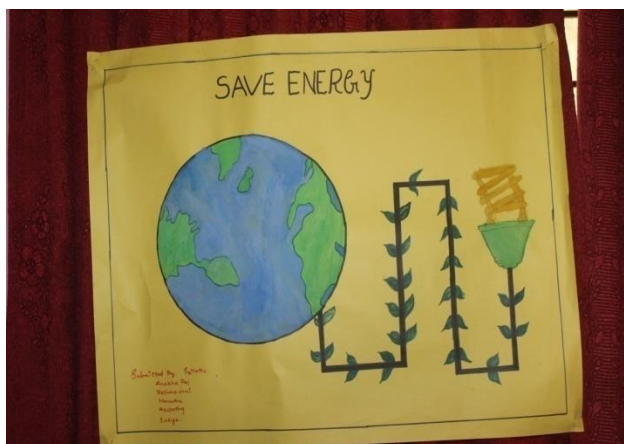


**INVITED TALK-THE ART OF COMMUNICATING SCIENCE BY SRI.BIJU
DHARMAPALAN**

POSTER PRESENTATIONS VARIOUS FIELDS OF SCIENCE

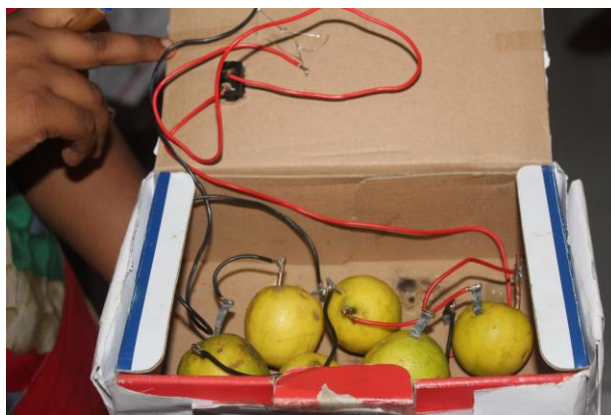
Poster presentations were organized for the students on various fields of science on 27th February 2019. Students were made various posters with different scientific knowledge. The poster presentation was an experience to the students to know about various theme such as evolution, Nitrogen cycle, adverse effect of Alappat mining, global warming etc.





PRESENTATION OF WORKING MODELS BY THE STUDENTS

Students exhibited various working models on various fields of science on 27th February 2019. Working models on various science themes were exhibited by students such as monitoring air pollution, solar house etc. Students generated models on various scientific themes. Several new ideas were brought forward by the students.





ORAL PRESENTATIONS

Oral presentations were conducted on 27th February 2019. Students from made oral presentations on different aspects of Science. The students were actively participated in the session. Students presented papers on various fields of science such as Biodiesel production, Life on Moon etc. The students performed very well in the session and presented various ideas The presentations were judged by an eminent panel and prizes were distributed to good presentations with good themes



PAINTING COMPETITION

Painting competition was conducted on the topic “Science for the People and People for the Science” on 28th February 2019. The competition was conducted for both college and school students. The students from Pampa DB Pampa College, Parumala, Chengannur Christian College, Sree Ayyappa College, Eramallikkara and Hindu U.P School, Eramallikkara participated in the painting competition.



SCIENCE QUIZ COMPETITION

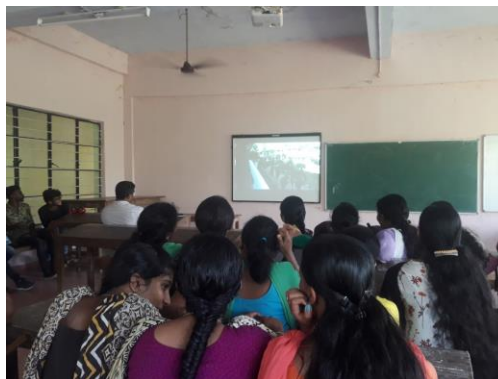
Science quiz competition was conducted for college students. The students from Pampa DB Pampa College, Parumala, Sree Ayyappa College, Eramallikkara participated in quiz completion. Mrs. Jisha Nair.B.J Associative Professor, Computer Science, and Dr. Nitha.B, Assistant Professor, Microbiology conducted the quiz programme. Students from Sree Ayyappa College were the winners.



SHORT FILM COMPETITION

Short film competition was conducted for college students. Students presented short films on different scientific messages and themes. The short film presentations were very informative to the students and was a visual treat for the students.





VALEDICTORY FUNCTION

The valedictory function was on 28th February 2019. College Principal, Dr.K.S.Anil Kumar , Dr.Jisha Nair.B.J, Associate Professor, Computer Science, Dr.Nitha.B, Assistant Professor, Microbiology distributed certificates and trophies to the winners.







The National Science day 2019 was celebrated in a very beautiful manner and the Seminar “Science Communication a tool for Development” conveyed the importance of communicating science to all. The Science club and Department of Biochemistry and Industrial Microbiology celebrated the Science day very well and gave the students a platform to express their view on different fields of Science.

Dr.Nitha.B

Convener