

## Science Club Report 2018-19

The science club of Mannaniya College, during the academic year 2018-19 organized several programmes including the International Ozone Day Observance, Mobile Science Exploratory visit, World Wet land Day Celebrations and National Science day celebrations. The World Wetland day 2019 was observed with the co- sponsorship from Kerala State Council For Science, Technology and Environment, KSCSTE, Thiruvanthapuram.

### Ozone day Observance 2019

*Focal theme: keep cool and carry on ; The Montreal Protocol.*

Science Club and Department of Chemistry of Mannaniya College jointly organized International Ozone Day Observance on 17.09. 2018 .To give awareness for the protection of ozone layer, a documentary cum exhibition was organized based on the focal theme.



## **Mobile Science Exploratory Visit**

The mobile science exploratory aims to promote scientific temper among the students from rural areas. The mobile science lab and digital library began its journey through the rustic village routes of kerala, with the aim of ensuring digital literacy for the rural masses and to spread awareness about cashless economy among them.

The mobile science laboratory cum digital library with the message 'Growth of Society through Technology' was inaugurated by transport minister A K Saseendran at the 108<sup>th</sup> birthday of father of library movement P.N. Panicker on 01.03.2017.

P N Panicker, the father of Library and Literacy Movement of Kerala laid the foundation of the holistic approach to human resources development, through the library and literacy movement he initiated and propagated in his life time. 'Vayichu Valaruka' (Read and Grow), the simple and powerful slogan preached and practised by P N Panicker. The foundation has initiated a programme to nurture the habit of reading among the masses to enable them to be effective members of the progressing society.

P N Panicker Foundation was the first organisation in the country to popularize e-reading among the rural masses with Internet facility in 2002. This initiative paved way for establishing 25,000 rural home e-libraries in 2010. So, with an approach to cope with the demands of globalised society, libraries have to alter its position themselves and strengthen their utility to the community.

### **Mobile Science Exploratory Visit on 01.02.2019**

Mobile Science Exploratory by P.N. Panicker Foundation had visited Mannaniya College of Arts and Science on 01/02/2019. The programme was organized by the Science Club of the college, with an intense vision to explore the e- learning sources and opportunities to the students of all departments in our college. The programme was very successful one and almost all the students from various departments including BA Islamic history and B.Com cooperation students along with B.Sc Chemistry students were visited the mobile science exploratory on 01.02.2019.

The programme was started with an inauguration by our Principal Mr. A.H. Badrudeen. After the inauguration 15 students accompanied by two teachers were visited the mobile science exploratory and thereafter all the students and faculties made their visit. It was really very informative among the students and the teachers too. The authorities deeply explained the various science exhibited models such as solar system, Earth quake detector, water purifying etc. Also familiarize the "Kindle" the electronic device for reading books, developed by Amazon. The exhibition ended by 3.00 pm on the same day.



Mobile Science Exploratory visit photos

**World Wet Land Day Celebrations 2019, Sponsored by KSCSTE  
on 05.02.2019 & 06.02.2019**

World wet land day celebrations 2019 was organised by Science Club in association with department of Chemistry on 05.02.2019 and 06.02.2019 and the programme was sponsored by *Kerala State Council for science, Technology and Environment, KSCSTE*, Thiruvanthapuram. The programme was inaugurated by Dr. Shaji. E. , Assistant Professor, Department of Geology and he delivered a lecture on the topic “*Water conservation and the role of wetlands on water sustainability in kerala*”. Poster exhibitions, Documentary show and essay writing competitions on the focal them “*Wetlands and the Climate Change*” were observed as part of World wetland day celebrations in our college.



Welcome speech by Dr. Mercy C Raj, Head, Department of Chemistry



Inaugural speech by Dr. Shaji, E



Felicitations by IQAC coordinator, Dr. P. Ashok Nair



Honouring the Chief Guest By Principal Sri. A.H. Badrudeen





Session is going on



Dr. Shiji Fazil, Programme coordinator giving welcome speech for paper presentations



Principal(I/C) honouring Dr. L. Abdul Kalam with memento



**Students from various departments presenting their paper**

## National Science Day celebrations 2019

National Science Day is celebrated all over India with great enthusiasm on 28<sup>th</sup> of February every year in order to commemorate the invention of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman on the same day in the year 1928. For his great success in the field of science in India, Chandrasekhara Venkata Raman was awarded and honored with the Nobel Prize in the Physics in the year 1930.

28<sup>th</sup> of February, 1928 was the great day in India when an invention in the field of Indian science was completed by the famous Indian physicist, Sir Chandrasekhara Venkata Raman. He was a Tamil Brahmin and first one in the science, who had researched such invention in India. To commemorate and honor this event always in the future, 28<sup>th</sup> of February was asked to the Indian Government to designate as a National Science Day in India by the National Council for Science and Technology Communication (NCSTC) in the year 1986.

From then, the national science day was started celebrating all across the India as a great event in the field of Indian science. It is celebrated every year by students, teachers, scientists and researchers in all the schools, colleges, universities, educational institution including scientific, academic, medical, technical and research institutions of India. On the first celebration ceremony of the National Science Day in India, the National Council for Science and Technology Communication had declared the institution of the National Science Popularization awards in order to recognize an excellent and wonderful endeavor in the field of science communication and popularization.

**National Science Day 2019 theme was – “Science for the People and People for Science”.**

Science Club of Mannaniya College of Arts and Science observed **the National Science Day- 2019 on 08.03.2.19** by an invited talk on “*Science Behind the crime Investigation*” relevant to the theme of the year 2019. The resource person was Dr. Francis Chacko, Head, Department of Chemistry, St.Greorios College, Kottarakara, Kollam(D), Kerala. Science club members and all the students from the department of chemistry were gathered at the seminar hall. The celebrations were started by the prayer recital by the science club members. Welcome speech was made by the Science Club Coordinator, Dr. Shiji Fazil. Presidential address were given by Principal(I/C) Sri. A.H. Badrudeen. Inaugural speech was furnished by the chief guest. IQAC coordinator, Dr. P. Ashok Nair gave felicitations to the

function. The inaugural ceremony ended by the vote of thanks from the student coordinator, Mr. Azif Muhammed.

The invited Lecture on the topic, Science Behind the crime Investigation , was a very interesting and informative for all the students gathered at the seminar hall. Which was rather a new topic and information for the students. The resource person shared all his experiences and photos related to crime investigation while he had worked on the Police department .The resource person also shared all the opportunities of studying science, particularly chemistry. The session ended by 1.00 pm on that day.



Welcome speech by Dr. Shiji Fazil, Science Club Coordinator.



Presidential Address By Principal, Sri. A.H. Badrudeen



Inaugural Address by the chief Guest, Dr. Francis Chacko, the resource person



Felicitation by IQAC Coordinator, P. Ashok Nair



Invited talk by Dr. Francis Chacko, the resource person



Honouring the chief guest by Principal in charge, Sri. A.H. Badrudeen.