

**BHOOMITHRASENA CLUB BMC120/TSR/10/10**  
**MES ASMABI COLLEGE, P.VEMBALLUR**

**ANNUAL REPORT 2015-16**

The Bhoomithrasena club of MES Asmabi College organized various programmes during the academic year 2015-16. The main achievements of Bhoomithrasena club include vegetable cultivation, construction of vertical garden, observance of environmentally important days (ozone day, wetland day, science day and environmental day), field trips etc.

**VEGETABLE CULTIVATION IN THE CAMPUS**

Vegetable cultivation was carried out in the campus jointly with PG and Research department of Botany and the available area in the college campus was utilized for the purpose. As a part of this, vegetables like cabbage, cauliflower, chilly, brinjal, lady's finger, tomato, amaranth, pea, tapioca etc were cultivated in the campus. Club members actively involved in the cultivation programme with plot cleaning, preparation of potting mixtures, timely irrigation, plant protection measures, etc. The vegetable harvest was inaugurated by Dr. K. Shaji, Principal in charge of MES Asmabi College on 3<sup>rd</sup> February 2015. The harvested vegetables were auctioned in the campus.

**OZONE DAY CELEBRATIONS 2015**

World Ozone Day provides an opportunity for individuals worldwide to reflect on the progress that has been made with regards to the protection of the ozone layer, and it serves as a reminder to decision-makers and the general public, of the need to protect this valuable shield that safeguards the earth and in the long-run, our lives. **Focal theme for the year 2015 was "30 years of Healing the Ozone Together"** supported by the slogan **"Ozone: All there is between You and the UV"**. As part of the ozone day celebrations 2015, MES Asmabi College, P. Vemballur conducted various programs to awake the awareness about ozone layer. Three programs were organized in our college. Firstly a quiz was conducted for the science students on 17-09-15. On 30<sup>th</sup> September, an

invited lecture and a film show about the ozone was also conducted. The program was inaugurated by KM Abdul Salam, Secretary and correspondent, MES Asmabi College at 9. 30 A.M. A talk on ozone and its harmful effects on plants was delivered by Dr. Jos T. Puthur, Reader, Dept. of Botany, University of Calicut on 30-09-2015. It was a very informative and interactive talk to all. On the same day afternoon, a film show by Dr. A. Biju, Principal, MES Marambally College was organized in the seminar hall. The film show was about the ozone layer and its depletion. He also distributed the prize for the quiz competition winners. About 100 students were participated in the program.

### **WORLD WETLAND DAY CELEBRATIONS 2016**

As part of World Wetland Day celebrations, BMC in association with PG & Research Dept. of Botany of MES Asmabi College, conducted programme entitled '*know your wetlands*' to awake the awareness about these fragile ecosystems. The financial assistance was obtained from Kerala State Council for Science, Technology and Environment (KSCSTE). It was a two day programme. In the first day (6<sup>th</sup> Feb), we (staff and students) went to a fresh water swamp called Kalasamala near Kunnankulam, Thrissur. It was a wonderful experience for us. The Kalasamala due to its ecological importance and richness of biodiversity is now under the control of Kerala biodiversity board. Manoj Sir, who was an active member of Kerala Sasthra Sahithya Parishathu described about the historical and ecological importance of kalasamala. We saw *Syzygium tranvancoricum* in that area which is a critically endangered plant species. In olden days, the nearby agriculture solely depended on the water flowing from that fresh water swamp. But now it is in a degraded state.

In the second day (9<sup>th</sup> Feb), we conducted an invited lecture of Dr. Vidyasgaran K., Dean, College of Forestry, KAU. The program was inaugurated by Dr. K. Shaji, Principal in charge, MES Asmabi College at 9. 30 A.M. at the seminar hall. The talk was very effective and he communicated about the importance of wetlands and current status of wetlands in Kerala and their conservation strategies. The programme was a great success because students could able to understand about our wetlands and their importance especially when they visited the fresh water swamp, they all were very much

exited to see such a cool and calm place with lot of trees and swamp. About 100 students were participated in the programme.

### **NATIONAL SCIENCE DAY CELEBRATIONS-2016**

As part of National Science Day celebrations, MES Asmabi College, P. Vemballur conducted different programmes entitled ‘**Flame 2016**’ for students. Focal theme selected for National Science Day 2016 “**Make in India: S&T driven innovations**” is targeted to awake the people about science and technology developments and innovations. Poster presentations, power point presentations and quiz competitions were conducted. The theme of poster presentation was contributions of Dr. APJ Abdul Kalam to scientific field, whereas the theme for power point presentation was science and technology developments in India-2015. The quiz was based on general science. All the three programmes were conducted on 18<sup>th</sup> February and many students participated in the programme. The principal distributed cash prize and certificates to the winners. The photographs were attached.

### **WORLD ENVIRONMENT DAY CELEBRATIONS- 2016**

**World Environment Day (WED)** is observed every year on 5 June to raise global awareness towards environmental issues and to take necessary actions to protect nature and our earth. The WED theme for the year 2016 is “*Go Wild for Life*”. MES Asmabi College is also joined this venture through various programmes.

As part of Environmental Day celebrations, Bhoomithrasena club of MES Asmabi College, P. Vemballur organized different programmes for students. On 6<sup>th</sup> June, planting of saplings in the college campus was inaugurated by the principal and he also delivered environment day message to the students. Saplings were also distributed to all the teaching departments of the college and were planted in the campus. Students cleaned the campus, collected plastics from the campus. Green house and botanical garden were also cleaned by the students. The Bhoomitrasena club students also conducted an awareness programe for the college students about the usage of plastics. The students of Bhoomitrasena club supplied saplings to nearby ten houses and it is a preliminary step towards adopting the houses. On 9<sup>th</sup> June, Bhoomitrasena club along with NS.S. unit

organized an inter-collegiate seminar with financial support of KSCSTE. As part of this seminar, the key note address was delivered by K. R. Neelakandan, famous environmental activist. A phototalk by Dr. Amithabachan K.H. was also organized in the seminar. As part of this programme, various competitions like quiz, photography competitions were also conducted in the college. Club members regularly visited the adopted houses for monitoring the growth of saplings distributed to them as part of environment day celebrations.

### **CONSTRUCTION OF VERTICAL GARDEN**

We emphasized the students and teachers on the importance of proper waste management. The students constructed vertical garden or bottle garden by using waste plastic bottles. They collected waste plastic bottles from the campus and nearby places.

### **KARKKIDAKAMAASACHARAM**

As a part of 'karkkidakamaasacharam', BMC in association with PG & Research Dept. of Botany on 28<sup>th</sup> August, collected the medicinal plants for preparing 'karkkidakakanji' and 'pathilakkari'. Students prepared and served the same to the staff of college and to the near by houses. Principal inaugurated the function.

## Vegetable cultivation programme



## **Ozone day celebrations 2015**

**Quiz program conducted on 17-09-15**



**Invited talk by Dr. Jos T Puthur, Reader, University of Calicut**



**Invited talk by Dr. A. Biju, Principal, MES Asmabi College, Marmpilly**



**Prize distribution for Quiz competition**



## **Wetland day celebrations (Know your wetlands)**

Walk to Kalasamala on 6<sup>th</sup> Feb, 2016





**Invited talk by Dr. Vidyasagaran K, Dean, College of Forestry, KAU  
9<sup>th</sup> Feb 2016**



## National Science day celebrations (FLAME) 2016



**Environment day celebrations 2016**  
**Planting saplings in the college campus**



**Cleaning of the college campus**



## Distribution of saplings to neighbouring houses



## Construction of vertical garden



## Karkkidakamaasacharanam 2016

