

**KONGUNADU ARTS AND SCIENCE COLLEGE**  
**(Autonomous) Coimbatore – 641 029**

**Department of Botany**

**Department Activity for the Academic Year 2015-2016**

**PROGRAMME – 1**

**Special lecture on ‘Bryophytes – an economically valuable plant group’**

The Department of Botany, Kongunadu Arts and Science College, Coimbatore organized a special lecture on ‘Bryophytes – An economically valuable plant group’ on 26-08-2015 at 2.00 p.m. The programme was started by prayer song and followed by welcome address and honouring the guest. Dr. P. Muraleeswari, Principal, KASC, delivered the presidential address. Dr. K. Logankumar, Dean, Academic and R&D of our college felicitated the gathering. The guest, Dr. K. Murugan, Assistant Professor, Plant Biochemistry and Molecular Biology Lab, Department of Botany, Kerala gave a lecture on ‘Bryophytes - An economically valuable plant group’. In his lecture, he explained the unique feature of Bryophytes like *Marchantia*, *Sphagnum*, *Polytrichum*, *Riccia*, *Taxiphyllum barbceeri* etc and how it is economically and medicinally useful for the society. The participants came to know that Bryophytes are the Pioneer of the land plants and their importance. The deliberation of the lecture was most useful for the staff, students and scholars were actively involved and interacted with the resource person. Finally the program was ended with vote of thanks.



Dignitaries on the Dias



Special Lecture by Dr. K.Murugan, Assistant Professor, Plant Biochemistry and Molecular Biology Lab, Department of Botany, Kerala.

## **PROGRAMME – 2**

### **Special Lecture on ‘Recent Advances in Seed Cryopreservation’**

The Department of Botany, Kongunadu Arts and Science College, Coimbatore, organized an Association meeting on 18-02-2016 at 10.00 a.m. The inaugural session was started with prayer song. G. Shalini Pradeep, II M.Sc., Botany welcomed the gathering and Gargi Gandharan, II M.Sc., Botany honored the guest. Dr.T.Muraleeshwari, Principal of our college presided over the function. Dr. K.Logankumar, Dean, Academic and R&D, KASC felicitated the gathering. The resource person, Dr. Ganesh K. Jaganathan, Research Associate, Royal Botanical Garden, Kew, London gave a special lecture on ‘Recent advances on seed cryopreservation’ was carried out by using power point presentation. In his lecture he pointed out the importance of Seed Cryopreservation and explained the vital role of seed quality for sustainable crop production and food security. The participants got an idea about the dormancy of seed and its viability and came to know the different technique involved for breaking seed dormancy. The participants interacted with the lecture raised many question in concern to the topic. The staff, students and research scholars were benefited with the lecture. The programme was concluded with vote of thanks.



Special Lecture by Dr. Ganesh K. Jaganathan, Research Associate, Royal Botanical Garden, Kew, London



Participants are interacted with the resource person.

### **PROGRAMME – 3**

#### **Workshop and Hands on Training on ‘Cut Flower Arrangements and Preparation of Herbal Medicines’**

A one day workshop and hands on training on ‘Cut flower arrangements & preparation of herbal medicines’ was held on March 2<sup>nd</sup>, 2016 in Department of Botany, Kongunadu Arts and Science College, Coimbatore. The program was conducted under DBT – STAR College scheme. The staff members, research scholars and UG & PG students of various departments participated in this workshop.

It was a day brimming with the twinkling and astonishing eyes of the audience, awaiting for the event to start. By invoking the deity by a hymn, we sought his assistance and guidance and put a start for the event. Dr. S. Manorama, Associate Professor & Head, Department of Botany has welcomed the gathering. Then all the dignitaries lighted the kuthuvilakku seeking the blessing of the lord of wisdom. Dr. T. Muraleeshwari, Principal, Kongunadu Arts and Science College inaugurated the workshop by her knit and influential words. Her speech focused on Herbal medicines & herbal products.

Session I was headed by Dr. T. Muthukumar, Assistant Professor in Botany, Bharathiar University, Coimbatore. The topic for the session was “Cut flower production: Principles and practices”. The lecture throwed lime light on tradition of flowers and their commercial importance throughout the world. He brilliantly explained several designs, principles and elements in cut flower production and concluded the lecture with a small interaction with the audience.

The expert for the session II was Dr. S. Rajan, Field Botanist, Central Council of Research in Homeopathy, Ooty. The topic for this was ‘Medicinal plants and its significance in Nilgiris, Tamilnadu’. The faculty had given many ideas to promote medicinal plant cultivation. He also taught the audience many

facts regarding medicinal plants and instructed the ways to explore it in future without exploiting the nature and the natural vegetation.

The last session was on 'Ethno medicine' and was carried out by Dr. R. Ravi, Assistant Professor in Botany, Govt. Arts College, Ooty. The session was fully occupied with positive aspects of ethno medicine. He explained about the traditional indigenous knowledge, tribal communities in South India, contributions of Ethno medicine in Pharmacology etc. These topics were well explained with many practical experiences.

After the completion of these three sessions, there were also several demonstrations as a part of the workshop. It opened new vistas of flora and herbal medicines, when Mr. Partheban, Research Scholar, Bharathiar University, Coimbatore and Dr. P. Sumathi, Assistant Professor, Department of Botany, Kongunadu Arts and Science College demonstrated about the demonstrations on Cut flowers and their types of arrangements and herbal products. The cut flower demonstration was highly appreciable in a way that it depicted the natural beauty of flower arrangement. All became mere observers to the amusing demonstration of flowers. The demonstration of herbal medicines and herbal products was very innovative and quite interesting. Many herbal products such as herbal hair oil, herbal bathing powder, herbal laddu, panda thailam, herbal tooth powder, Amla jam, herbal cutlet, herbal juice, Triphala powder, Trikaduku sooranam etc. were exhibited along with their ingredients as a part of the herbal preparations. Participants purchased many products that could remind them of the wonderful experience they had.

These sessions were very much innovative and they all provoked the thoughts of the young minds. The sharing of several unknown facts by the resource persons was a splendid experience for the participants, experiences that nothing can subdue.

In the valedictory session, Dr. S. Paulsamy, Associate Professor, Department of Botany, Kongunadu Arts and Science College consolidated the report of this workshop and presented vote of thanks.

At the end, the workshop ended successfully with the National Anthem.





Dignitaries on the dais



Special lecture by Dr. T. Muthukumar, Assistant Professor in Botany, Bharathiar University, Coimbatore.



Audience at Glance



Special lecture by Dr. R. Ravi, Assistant Professor in Botany, Govt. Arts College, Ooty.



Special lecture by Dr. S. Rajan, Field Botanist, Central Council of Research in Homeopathy, Ooty.



Cut flower exhibition visited by chief guests.



Cut flower exhibition visited by participants.



Herbal medicine exhibition visited by participants.



Marketing of Herbal medicine



Marketing of Herbal medicine



Marketing of Herbal medicine



Herbal medicine exhibition visited by guests