

## 6. BIOFUEL CELL

Under a collaborative agreement between KSCST and Karnataka State Biofuel Development Board (KSBDB) Biofuel Cell was set up in May 2011 at KSCST. The main objective of the cell is to coordinate the activities of the Information and Demonstration Centres set up by KSBDB and promote Research and Development in the area of Biofuels. KSBDB has established 32 Biofuel Information and Demonstration centres in all the 30 districts of the State.

KSCST is coordinating the activities of these centres through regular interactions, meetings and workshops. The action plan for the year 2014-15 has been approved by KSBDB for Rs. 12.5 lakhs.

### **Progress**

The annual report for the year 2013-14 along with consolidated reports of the 32 centres has been submitted to KSBDB. The compilation of the activity report of the district Biofuel information and Demonstration Centres (BIDC) for the period April to October 2014 is completed. 14 district centres have been visited by Biofuel Cell team.

### **World Environment Day Celebration**

5<sup>th</sup> June of every year is celebrated as World Environment Day. This year the theme was “*Climate Change – Raise your voice not the Sea Level*” Biofuel Cell at KSCST also organized events for celebrating the World Environment Day. As precursor of the event several competitions were organized for the college students at the Choksi Hall, IISc on 3<sup>rd</sup> June 2014. The competition included Painting, Quiz, Essay writing, model making etc. The winners of these competitions were given prizes and certificates on 5<sup>th</sup> June 2014 at a function held at Indian Academy Degree College located in Hennur, Bengaluru. This function was marked by a cycle rally by college students and planting of tree saplings in the college premises.

### **World Biofuel Day Celebration**

10<sup>th</sup> August of every year is celebrated as the World Biofuel Day in memory of Sir Rudolf Diesel who for the first time ran an engine on peanut oil in the year 1893. Biofuel Cell organized event to mark the celebration on 11<sup>th</sup> August at Mount Carmel College. The programme was inaugurated by Shri. A.K. Monnappa IAS Managing Director, KSBDB. Prof. Mohan Kumar, Secretary KSCST presided over the function. Prof. Udipi Shrinivas, Member KSBDB, Dr. M. Prithviraj, Executive Secretary spoke on the occasion. Sister Arpana, principal of Mount Carmel College gave the opening remarks. Prizes and Certificates were given to the students who participated in painting and collage competitions. Biofuel stall was put up on the occasion.

### **Student projects on Biofuel**

Under 37<sup>th</sup> Series of SPP 51 projects out of 140 projects (including 27 B.E. Projects, 9M.Tech projects and 15 MSc projects) were selected for the final Seminar cum Exhibition of the 37<sup>th</sup> series of SPP which was held at B.V. Bhooma Reddy College of Engineering and Technology Hubli on 29<sup>th</sup> and 30<sup>th</sup> of July 2014. The sponsorship for these projects was funded by KSBDB. This year also KSCST has submitted proposal for Biofuel Projects to KSBDB under the 38<sup>th</sup> Series of SPP. The total project budget is Rs. 13.59 lakhs for 50 projects which has been approved and sanctioned by KSBDB.

**Training /Workshops:**

Biofuel Cell conducts training programmes for the staff of the district biofuel centres every year. This year also as per the action plan approved by KSBDB for 2014-15 three training programmes have been scheduled of which two batches have already been conducted at Siddaganga Institute of Technology, Tumkur from 17<sup>th</sup> November 2014 to 19<sup>th</sup> November 2014 and at College of Forestry, Sirsi (Uttar Kannada District) from 4<sup>th</sup> December 2014 to 6<sup>th</sup> December 2014. A biofuel conference is also planned during January 2015.