

## 104 C. 7) BIOENERGY CELL

### Activities

KSCST has setup the bioenergy cell during 2011 with an objective of promotion of the bioenergy activities in the state. The Cell has also setup a laboratory for carrying out experiments on Bioenergy and also promoting R & D in bioenergy sector through Student Project Program (SPP).

- Bioenergy cell organised **World Biofuel Day** program through webinar on the theme “Main streaming of Bio fuels – Road map for Karnataka” was held on 10<sup>th</sup> August 2020 (Monday).
- KSCST regional centre at Kalaburagi organised a Webinar on World Biofuel Day on the theme “Biofuel-policy, promotion and opportunities” on 29<sup>th</sup> August 2020 in collaboration with BRIDC Kalaburagi.
- **Review meeting of BRIDC coordinators:** KSCST is coordinating the 33 Biofuel Research, Information and Demonstration centres activities in the State. The review meeting of biofuel district coordinators has been conducted through webinar on 28<sup>th</sup> July 2020 and 9<sup>th</sup> September 2020.
- **Biofuel Award 2020 evaluation meeting:** The meeting was conducted in collaboration with KSBDB through webinar held on 1<sup>st</sup> October 2020 to evaluate and selection of Biofuel Award 2020. Three projects were recommended for Biofuel award 2020.
- Report compilation on “Assessment of Agro-waste and residual biomass as potential sources of Biofuel production at Karnataka” to produce an authoritative review of the Karnataka state bioenergy sector aimed at policy-makers and decision-makers in investment.
- **Activities carried out to tackling of COVID-19:** KSCST took up in-house development of some of the available technologies to tackle COVID-19 during pandemic. Such initiatives are production of hand sanitizer with Thulasi and Aloe Vera extracts, Liquid soap is made from natural oil and herbal extract.



*Hand Sanitizer*



*Liquid Soap*

- **National Conference on Bioenergy:** A two-day national conference on Bioenergy on the Theme: *“Decoding National Policy on Biofuels - 2018 and Exploring Opportunities in Karnataka”* was held 6th & 7th January 2020 at Central Hall, Suvarna Soudha, Belagavi.
- **Survey on Used Cooking Oil (UCO) in Bengaluru city:** KSCST initiated a project to assess the availability of Used Cooking Oil (UCO) in Bengaluru City and with the support of engineering college students UCO conducted a survey in BBMP divisions in 10 wards so far.
- Biofuel Cell of KSCST is coordinating and monitoring the activities of all the district I & D centres and compiling their data for evaluation. Supports internship program for students.