

109 D. (15) Energy Cell Activities

Background:

KSCST has set up the Energy Cell in the Council in view to create awareness and promote the usage of renewable energy sources in the state. Energy Cell is providing the technical and management support for implementation of renewable energy projects, organizing training programmes, workshops, conferences demonstration and field testing of new technologies developed in the R&D Institutions.

Objectives of Bio-energy Cell:

KSCST set up the bioenergy cell in the council to promote bioenergy activities in the state. Bioenergy cell in coordination with other institutions developing the projects and programmes documentation of technologies and providing support to entrepreneurs who wish to start new ventures in bioenergy sector. Bioenergy Cell also, coordinating the activities of 32 Biofuel Research, Information and Demonstration centres (BRIDC) and 4 Biofuel Parks (BP) in the State through regular interactions, quarterly meetings, hands on training/workshops and conferences. Karnataka State Bio-energy Development Board (KSBDB) is providing the financial support to KSCST for these activities.

Progress: April – November 2024

- KSCST is monitoring and coordinating with the BRIDCs in updating their technical skills on Biofuel production and process. It created a network for communication of I & D center to share and showcase the progress made and implemented by centers in their respective zones.
- KSCST in association with NMKRV College for Women's, Bengaluru organized the celebration of World Environment Day with the theme "Land Restoration, Desertification and Drought Resilience" on 5th June 2024. Conducted poster making competition and two special technical lectures on the theme of this event. About 100 students and faculties participated the program.
- The technical review meeting of BRIDC, BP, BR&QAL and NGOs was held on 25th June 2024 and 26th August 2024. KSCST & KSBDB have been reviewing the bioenergy activities, future activities and financial status for the year 2024-25 for the 32 centers of the development of BRIDC in the state.
- Under 47th series of the Student Project Program, Sponsored 57 project proposals from 44 engineering colleges and Universities across the State. For the seminar and exhibition, 15 projects were selected and 02 projects were awarded "Best Project of the Year" during the State-level seminar/poster presentation and exhibition was held at Sharana Basava University, Kalaburgi, on 9th and 10th of August 2024.

