

KARNATAKA STATE BIOENERGY DEVELOPMENT BOARD (KSDB)

Government of Karnataka

&

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST)

Indian Institute of Science Campus, Bengaluru

Hands on Training on "Biofuels"

for

Staff of District Bioenergy Research, Information & Demonstration Centers 2018 - 19

VENUE: KSCST, IISc campus and UAS, GKVK campus, Bengaluru

DATE: 30th and 31st October 2018

Program Schedule

Registration: 9.00 am to 09.30 am

Introductory Session - 09.30 am - 10.00 am

Time		
09.30 am - 09.35 am	Welcome by	Mr. S. N. Sondur, Principal Scientific Officer, Biofuel cell, KSCST
09.35 am - 09.45 am	Address by	Dr. S. Subramanian, Secretary, KSCST
09.45 am - 09.55 am	Address by	Dr. S.G.S. Swamy, Executive Secretary, KSCST

Day 1: 30/10/2018, Tuesday

Place	Chamarajanagara, Bengaluru Rural, Bengaluru Urban (GKVK), Ramanagara, Hassan, Kolar, Shivamoga, Uttara Kannada (Sirsi), Vijayapura, Kalaburgi and Bidar	
Time	Programme Details	Experts
10.00 am - 11.00 am	Introduction to Biofuels (Lecture)	Mr. S. N. Sondur, Principal Scientific Officer, Biofuel cell, KSCST
11.00 am - 11.10 am Tea Break		
11.10 am - 01.30 pm	Oil & Seed Characterization, Physical observation, Soxhlet extraction & Distillation process (Practical's)	Dr. Savitha G, NDRI & KSCST Ms. Prajanya G.P., Biofuel Cell, KSCST
01.30 pm - 02.00 pm Lunch		
02.00 pm - 04.30pm	Hands on training on Degumming, Biodiesel production - Transesterification, glycerol separation, water washing and Purification of glycerol	Dr. Savitha G., NDRI & KSCST Ms. Prajanya G.P., Biofuel Cell, KSCST
04.30pm - 04.45 pm Tea break		
04.45 pm - 06.00 pm	Results and Discussion	

Day 2: 31/10/2018, Wednesday

Time	Programme Details	Experts
09.30 am - 09.45 am	Address By	Mr. Dayananda G.N., Manager Operations, KSDB, Bengaluru
09.45 am - 10.30 am	Lecture on Biofuel plantation and Nursery	Dr. K.T. Prasanna, Professor, Department of Forest & Environmental Sciences, UAS, GKVK, Bangalore
11.30 am - 11.45 am Tea Break		
11.45 am - 01.30 pm	Value addition to by product, Soap making process, Grafting Techniques	Mr. Rajesh, GKVK campus, Bengaluru
01.30 pm - 02.30 pm Lunch		
02.30 pm - 04.30 pm	Hands on training on Repair & maintenance of Equipments	Mr. Harish, GKVK campus, Bengaluru Mr. Nagarjun M. G., Biofuel Cell, KSCST
04.30 pm - 04.45 pm Tea break		
04.45 pm - 05.30 pm	Feedback session, Discussion & Summary of Program	