



KARNATAKA STATE BIOENERGY DEVELOPMENT BOARD (KSBDB)
(Department of Rural Development and Panchayat Raj, Government of Karnataka)

&

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST)
(Indian Institute of Science Campus, Bengaluru)

In association with

DEPARTMENT OF BIOTECHNOLOGY
BASAVESHWAR ENGINEERING COLLEGE, BAGALKOTE

Two days “Workshop and Hands-on Training
program on Bioenergy Technologies”

for

***Coordinators & Project staff of Bioenergy Research, Information
and Demonstration Centers (2024 - 25)***

Venue: Basaveshwar Engineering College, Bagalkote

Date: 31st Jan & 1st Feb 2025

Program Schedule

Registration: 9.30 am – 10.00 am

11.00 am – 11.05 am	Invocation	: Swati Hulipalled, BT student, BEC
11.05 am – 11.10 am	Welcome address by	: Dr B R Hiremeth Principal, BEC
11.10 am – 11.15 am	Inauguration by chief guest & Inaugural Address	: Sri. S E Sudeendra Hon’ble Chairman, KSBDB
11.15 am – 11.20 am	Address by Chief Guest	: Sri. Shivashankar L Managing Director, KSBDB
11.20 am – 11.25 am	Keynote Address by	: Dr. U T Vijay Executive Secretary, KSCST
11.25 am – 11.30 am	Address by	: Dr. R N Herkal Director, Technical Institutes, BVV Sangha
11.30 am – 11.35 am	Presidential Remarks	: Dr. Veeranna C. Charantimath Hon’ble Chairman, BVV Sangha
11.35 am – 11.40 am	Vote of Thanks	: Dr. Bharati S. Meti HoD, Dept. of Biotechnology & Coordinator of BRIDC, BEC, Bagalkote
	Master of Ceremony	: Dr Sharada S B Aulla



Program Schedule

Day 1 – 31st January 2025	Bagalkote, Belagavi-Tukkanatti, Belagavi-VTU, Dharwad, Dharwad Biofuel Park, Gadag, Gadag (KSRDPRU), Haveri, Karwar (UK), Sirsi (UK) and Vijayapura Bellary, Bidar, Gulbarga, Koppal, Raichur, Yadgir, Thintini Biofuel Park	
Time	Program Details	Experts
10.00 am – 11.00 am	Technical talk-1 Present scenario and future prospective of Bioethanol and Bio-CNG	Mr. Basavaraj M Baragi Dy Manager -Bio Ethanol. Godavari Refineries Ltd, Sameerwadi
Tea Break		
12.00 am – 01.00 pm	Technical talk-2 Starch based bioethanol (Tentative)	Karthik Agro Industries Pvt. Ltd Bagalkote
01.00 pm – 02.00 pm Lunch		
02.00 pm – 03.00 pm	1. Seed & Oil characterization, physical observation 2. Soxhlet extraction (Practical)	Dr. Bharati S. Meti Dr. Shilpa K Jigajinni
03.00 pm – 03.45 pm	3. Hands on training on the biodiesel production process on large scale	Dr. Bharati S. Meti Mr. Hanumanth B
03.45 pm - 04.00 pm Tea Break		
04.00 pm – 05.30 pm	4. Hands on training on degumming, and transesterification process (1 litre batch) 5. Glycerol purification (1 liter batch)	Ms. Prajanya G.P. & Dr. Shivaleela V.B.

Day 2 – 1st February 2025	Bagalkote, Belagavi-Tukkanatti, Belagavi-VTU, Dharwad, Dharwad Biofuel Park, Gadag, Gadag (KSRDPRU), Haveri, Karwar (UK), Sirsi (UK) and Vijayapura Bellary, Bidar, Gulbarga, Koppal, Raichur, Yadgir, Thintini Biofuel park	
Time	Program Details	Experts
08.00 am – 09.00 am	Biodiesel washing, drying and quality parameters test	Dr. Bharati S. Meti Dr. S hilpa K. Jigajinni
09.00 am – 11.00 am	Value addition to by product, Soap making process	Dr. Shivaleela V. B. Ms. Prajanya G.P.
11.00 am – 11.10 am Tea Break		
11.10 am – 04.15 pm	<i>Industry Visit (1) Bioethanol production unit: media preparation, inoculums development, fermentation process, distillation, CO2 utilization. (2) Biogas production: feeding, process, recovery, storage, slurry utilization etc.</i>	Siddapur Distilleries Siddapur Tq. Jamkhandi, Karnataka
04.15 pm – 04.30 pm Tea Break		
04.30 pm – 05.00 pm	Feedback session, Discussion & Summary of the Program at BEC, Bagalkote	