



**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 MECHANICAL ENGINEERING**  
**SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU**

**Two days “Hands-on Training Program on Bioenergy Technologies”**

for

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

**Venue:** MEDIA Centre, Siddaganga Institute of Technology, Tumakuru

**6<sup>th</sup> & 7<sup>th</sup> MARCH 2025**

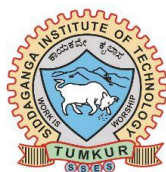
### **Inaugural Program Schedule**

| <b>Time</b>          | <b>Programme</b>   | <b>Host</b>  |
|----------------------|--|--|
| 9:00 am - 10:00 am   | <b>Registration</b>  |  |
| 10.00 am – 10.05 am  | <b>Invocation</b>  | <b>Sri. Manjunath Vatnalmath,</b><br>Research scholar                            |
| 10.05 am – 10.10 am  | <b>Welcome address by</b>                                      | <b>Dr. S. V. Dinesh,</b> Principal,<br>Siddaganga Institute of Technology        |
| 10.10 am – 10.20 am  | <b>Inauguration by Chief Guest<br/>&amp; Inaugural Address</b> | <b>Sri. S. E. Sudeendra</b><br>Hon'ble Chairman (Cabinet Rank),<br>KSBDB         |
| 10.20 am – 10.30 am  | <b>Address by Chief Guest</b>                                  | <b>Sri. Shivashankar L.</b><br>Managing Director, KSBDB                          |
| 10.30 am – 10.35 am  | <b>Keynote Address by</b>                                      | <b>Dr. U. T. Vijay</b><br>Executive Secretary, KSCST                             |
| 10.35 am – 10.40 am  | <b>Guest Felicitation</b>                                      |  |
| 10.40 am – 10.45 am  | <b>Presidential Remarks</b>                                    | <b>Dr. Shivakumaraiah</b><br>CEO, SIT & Joint Secretary SSES,<br>Siddaganga Math |
| 10:45 am to 10:50 am | <b>Vote of Thanks</b>  | <b>Dr. U. S. Mallikarjun</b><br>HOD, MED, SIT Tumakuru                           |

#### Program Coordinators

**Dr. Omkaresh B R**  
Coordinator BRIDC, SIT, Tumakuru

**Ms. Prajanya G P**  
Project Associate, KSCST



## Two days Hands-on Training Program Schedule

Participants from 18 BRIDC Centers of KSBDB - Bengaluru and Mysore Division

[Shivamogga, Chamarajanagar, Bengaluru Rural, Chikmangaluru, Bengaluru Urban, NITK Surthkal, Ramanagara, Hassan, Chikkaballapura, Kodagu, Chitradurga, Mandya, Kolar, Mysore, Davanagere, Udupi, Tumakuru & Hassan biofuel park]

| Day-1<br>06.03.2025 (Thursday) |  |
|--------------------------------|--|
| 9:00 am to 10:00 am            | Registration & Breakfast   |
| 10:00 am to 10:45 am           | Inauguration Programme   |
| 10:45 am to 11:00 am           | Tea Break  |
| 11:00 am to 11:30 am           | Session 1:<br>Topic: <b>Biofuel Activities of Bengaluru &amp; Mysuru divisions BRIDC</b><br>Discussion and Interaction with KSBDB officials  |
| 11:30 am to 12:30 am           | Session 2:<br>Topic: <b>Biogas Gasification</b><br>Speaker: <b>Dr. Kumargouda, Uni. of Agricultural Sciences, GKVK, Bengaluru.</b>   |
| 12:30 pm to 1:30 pm            | Lunch  |
| 1:30 pm to 3:00 pm             | Session 3: <b>Hands on session by Eranna K, BRIDC, SIT and Ms. Prajanya G P, KSCST, Bengaluru</b><br>Topic: <b>Mechanical Expeller (Oil Extraction &amp; Maintenance) and small-scale biodiesel production process</b> |
| 3:00 pm to 3:15 pm             | Tea Break  |
| 3:15 pm to 5:00 pm             | Session 4: <b>Hands on session by Dr. B R Omkaresh, Coordinator BRIDC, SIT.</b><br>Topic: <b>Biodiesel production using semi-automatic unit</b>  |
| Day-2<br>07.03.2025 (Friday)   |  |
| 8:00 am to 9:00 am             | Breakfast  |
| 9:00 am to 10:30 am            | Session 5:<br><b>Hands on session by Dr. B R Omkaresh, Coordinator BRIDC, SIT.</b><br>Topic: <b>CRDI Engine performance testing and Emission measurement</b>   |
| 10:30 am to 10:45 am           | Tea Break  |
| 10:45 am to 1:00 pm            | Session 6:<br><b>Hands on session by Eranna K and Ms. Prajanya G P, KSCST, Bengaluru</b><br>Topic: <b>Physiochemical Properties Evaluation and by-product applications</b>   |
| 1:00 pm to 1:30 pm             | Lunch  |
| 1:30 pm to 4:30 pm             | Industry Visit   |
| 4:30 pm to 5:00 pm             | Participant Feedback and Valedictory Program   |
|                                | High Tea   |