



**Karnataka State Council for Science and Technology**  
**Karnataka State Bioenergy Development Board**  
*in association with*  
**Mount Carmel College, Autonomous**

**Organizes a Conclave on**

***“Biofuels for Tomorrow: Progress, Promise, and Potential”***

**21<sup>st</sup> and 22<sup>nd</sup> August 2025**







## Introduction

World Biofuel Day, celebrated annually on August 10, underscores the importance of biofuels as a sustainable and eco-friendly alternative to fossil fuels. Marking the historic day in 1893 when Sir Rudolf Diesel successfully ran an engine on peanut oil, this observance highlights biofuels' potential in reducing greenhouse gas emissions, promoting energy security, and supporting rural economies. World Biofuel Day serves as a platform to develop and strengthen the biofuel sector in the country. The fuel sources have a lower carbon footprint, making it an effective replacement for traditional fossil fuels. Moreover, biofuels can help generate income and employment for a large section of society.

This conclave brings together students and researchers to explore the evolving landscape of biofuel technologies. The event aims to highlight cutting-edge research, real-world applications, and strategic pathways that can transform bioenergy into a reliable and eco-friendly fuel source for the future.

## About Mount Carmel College, Autonomous

Mount Carmel College, Autonomous is the forerunner of holistic education, envisioning the transformation of students into professionals. We focus on providing students with a conducive environment that is merged with state-of-the-art facilities and learned faculty. Our pursuit is to humanise each student to participate in society as a responsible citizen, dynamic professional, and empathetic human. Our visionary endeavour, envisaged and promoted by our foundress, Mother Teresa of St. Rose of Lima, is to bask in the light of a “civilization of love”, by imparting knowledge and empathy.





## Celebration of World Biofuel Day – 2025

### *“Biofuels for Tomorrow: Progress, Promise, and Potential”*

#### Program Schedule

Day 1 : 21<sup>st</sup> August 2025 ; Venue: PJEC 1

09.00 - 12.00 pm - Inter-collegiate Quiz Competition

01.30 - 02.30 pm - Poster Presentation

12.00 - 01.00 pm - Expert talk - *Dr. Suma Sarojini*

*“Biofuels, a Promise for a Sustainable Ecosystem”*

Day 2 : 22<sup>nd</sup> August 2025; Venue: PJEC 1

09.30 - 10.30 am - Expert talk - *Prof. Balakrishna Gowda*

*“Biofuels for Sustainable Development: Policy, Technology, and Community Engagement”*



**Dr. Suma Sarojini**  
Associate Professor  
Christ University



**Prof. Balakrishna Gowda**  
Rtd. Professor, GKVK  
and Member, KSBDB





## Celebration of World Biofuel Day – 2025

*“Biofuels for Tomorrow: Progress, Promise, and Potential”*

### Program Schedule

**Day 2 : 22nd August 2025; Venue: DJB Audi**

11.00 am – 11.15 am **Biofuel Plantations by dignitaries**

11.15 am – 11.20 am Welcome address : **Dr. Suma Singh**

*Registrar Academics, MCC*

11.20 am – 11.25 am Inauguration : **Watering of Plants**

11.25 am – 11.30 am Chief Guest & **Sri. Shivashankar L.**

Inaugural Address : *Managing Director, KSBDB*

11.30 am – 11.40 am Address : **Mr. S. N. Jayaram**

*Senior Project Engineer, KSCST*

11.40 am – 11.50 am Address : **Dr. Balakrishna Gowda**

*Member, KSBDB*

11.50 am – 12.00 pm Vote of Thanks : **Dr. Preetha Nair**

*Head, Dept of Biotechnology, MCC*

### **Program Coordinators**

**Dr. Suba G A Manuel**

*Head, Dept of Life Science, MCC*

**Ms. Prajanya G P**

*Project Associate, KSCST*

**Collaborating Departments - Life Science, Biotechnology and Biochemistry**  
Mount Carmel College, Autonomous, Bengaluru