



# MOTHER TERESA WOMEN'S UNIVERSITY

(Established under the act of TamilNadu 1984)

KODAIKANAL – 624 101

**Department of Biotechnology**

Cordially invites you to the Two days

**“International Conference on**

**“Advances in Biosciences and Biotechnology”  
(ICABB-2021)**

**12<sup>th</sup> & 13<sup>th</sup>  
August, 2021**

## PROGRAMME SCHEDULE Inauguration – 9.00 am

<b>Welcome Address</b>	<b>Dr.A.Usha Raja Nanthini</b> Associate Professor and Head i/c Department of Biotechnology, Mother Teresa Women's University, Kodaikanal
<b>Presidential Address</b>	<b>Dr. Vaidehi Vijayakumar</b> Hon'ble Vice Chancellor Mother Teresa Women's University, Kodaikanal
<b>Inaugural Address</b>	<b>Dr. C. Hilda Devi</b> Registrar Mother Teresa Women's University, Kodaikanal
<b>Technical Session-I 9.30 – 10.30 am</b>	<b>Microbiome and gene editing innovations for a sustainable future</b> <b>Prof. M.S. Reddy,</b> Founder & Chairman, Asian PGPR Society for Sustainable Agriculture, Consultant & Entrepreneur Auburn University, Auburn, AL, USA
<b>Technical Session-II 11.00 – 12.00 pm</b>	<b>Joint Disease-Specificity at the Regulatory Base-Pair Level</b> <b>Dr. Pushpanathan Muthuirulan</b> Developmental and Evolutionary Genetics Laboratory, Department of Human Evolutionary Biology, Harvard University, Cambridge, Massachusetts 02138

<p><b>Technical Session-III</b> 12.00 – 1.00 pm</p>	<p><b>Nanopore sequencing for drug resistance landscaping and genomic surveillance of <i>Klebsiella pneumoniae</i></b> <b>Dr Shankar Manoharan</b> Assistant Professor Indian Institute of Technology-Jodhpur Jodhpur District</p>
<p><b>Lunch – 1.00 -2.00pm</b></p>	
<p><b>Technical Session IV</b> 2.00 – 3.00pm</p>	<p><b>Transforming Food Systems for food safety and nutritional security: the case of vegetables</b> <b>Dr. Srinivasan Ramasamy PhD</b> Flagship Program Leader for Safe and Sustainable Value Chains &amp; Lead Entomologist World Vegetable Center, 60 Yi Ming Liao, Shanhua Tainan 74151, Taiwan</p>
<p><b>Oral Presentation</b></p>	
<p><b>DAY-2 13.08.2021</b></p>	
<p><b>Technical Session V</b> 9.30-10.30am</p>	<p><b>Breeding Perennial Cereals: As a solution for climate adaptation</b> <b>Prof. Raja Ragupathy</b> Research Scientist-Crop Breeding Genomics Lethbridge Research and Development Centre PO Box 3000, 5403 1<sup>st</sup> Avenue South, Lethbridge, Alberta, Canada</p>
<p><b>Technical Session VI</b> 11.00-12.00 am</p>	<p><b>Biotechnological Advancements in COVID 19 vaccine production</b> <b>Dr. Nagaraja Suryadevara</b> School of Biosciences Faculty of Medicine, Bioscience and Nursing MAHSA University , Bandar Saujana Putra, 42610 Jenjarom, Selangor. Malaysia.</p>
<p><b>Technical Session VII</b> 12.00-1.00pm</p>	<p><b>Women Custodians and Change agents in Natural Resources Management in the Indian Conext</b> <b>Dr C S Ramalakshimi</b> IFS Rtd Former PCCF , Government of AP</p>
<p><b>Lunch – 1.00 -2.00pm</b></p>	
<p><b>Technical Session VIII</b> 2.00-3.00 pm</p>	<p><b>AI (Artificial Intelligence) Applications in Biosciences- Current Scenario and Future Thrust</b> <b>Dr. V.Eyarkai Nambi</b> Associate Professor Indian Institute of Food Processing Technology Pudukkottai Road, Thanjavur, Tamil Nadu, India - 613005</p>
<p><b>Vote of Thanks</b></p>	<p><b>Dr. D. Illakkiam</b> Assistant Professor Department of Biotechnology, Mother Teresa Women's University, Kodaikanal</p>