



1st NATIONAL SCIENTISTS ROUND TABLE CONFERENCE 2024 FOR VIKSIT BHARAT 2047

(NSRTC)

Theme 3: AgriTech

Raghunath A. Mashelkar, Vijay P. Bhatkar, Bharat B. Kale

Walk through

India's agriculture sector, supporting over 1.4 billion people, faces immense challenges like limited resources, unpredictable climates, and rapid urbanization. Traditional farming methods often fall short, prompting a technological revolution in agriculture. Precision and digital farming, with different innovations are optimizing crop management through IoT, AI, and data analytics.

Biotechnology is enhancing agricultural sustainability with high-yield, drought-resistant crops. Research institutions are making significant strides, while startups like String Bio transform agricultural waste into bio-fertilizers.

Agriculture 2.0 and urban agriculture like vertical farming are integrating smart technologies to increase resilience and productivity.

Climate Smart Agriculture and blockchain solutions are crucial for sustainable and transparent farming. All these advancements highlight the transformative potential of Agri-Tech in Indian agriculture.

Let's dive into the world of AgriTech at NSRTC 2024

INITIATED BY



Dr. Vishwanath Karad
**MIT WORLD PEACE
UNIVERSITY** | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



SUPPORTED BY

1st NATIONAL SCIENTISTS ROUND TABLE CONFERENCE 2024 FOR VIKSIT BHARAT 2047

(NSRTC)

Proposed Minute to Minute Program for Theme 3: AgriTech

Day	Saturday, 20 th July 2024		Hall No.	02
Venue	Hotel Tip Top International		Hall Name	Raghunath Mashelkar Hall
Time	Duration	Description		
3:30	30 min	Tea and Snacks		
4:00 PM	01 min	Dignitaries to be seated at the venue		
4:01	03 min	Welcome to the Panel Members by the Moderator/Anchor Dr. Parul Jadhav/Dr. Harshali Zodpe		
4:04	03 min	Felicitation of the Scientists-Dr.Krishna Warhade		
4:07	03 min	Playing the Theme Film-by IT Team		
4:10	20 min (15+5)	Plenary Talk - Dr. V. K. Kharche (Director R&D, Punjabrao Krishi Vidyapeeth)		
4:30	20 min	Plenary Talk - Dr. Sujoy Saha (Senior Scientist, ICAR, National Research Centre for Grapes)		
		Q & A session / Quiz / Scientific Film		
4:50	20 min	Invited Talk - Dr. Sanjay Kumar Singh (ICAR- Central Institute for Subtropical Horticulture Lucknow)		
5:10	20 min	Invited Talk - Prof. M. C. Varshaneya (Kamdhenu Univ, Anand University)		
		Q & A session / Quiz / Scientific Film		
5:30	15 min	Invited Talk – Dr. Kakasaheb Konde (VSI, Pune)		
5:45	15 min	Invited Talk–Dr. Y.L. Jagdale, Mahatma Phule Krishi Vidyapeeth, Rahuri		
6:00	15 min	Invited Talk–Dr. Ravindra Patil, ARI, Pune		
		Q & A session / Quiz / Scientific Film		
6:15	15 min	Invited Talk–Dr. Sachin Jadhav, Cognizant		
6:40	45 min	Round Table Panel Discussion on “ Agriculture 2.0 ” & Interaction All the speakers will be the members of the panel discussion along with Dr. Amalnerkar Coordinator: Dr. Anand D Kulkarni		
7:25	05 min	<ul style="list-style-type: none"> • Vote of Thanks by Prof. Dr. Parul Jadhav • Group Photograph-Coordinator: Prof. Dr. Nithya Kutti • Video Byte of the Scientists-Coordinator: Prof. Dr. Nithya Kutti 		



1st NATIONAL SCIENTISTS ROUND TABLE CONFERENCE 2024 FOR VIKSIT BHARAT 2047

(NSRTC)

07:30 PM onwards	Visit to Science Expo, Poster Presentation: Dr. Nithya Kutti; Dinner at Hotel Tip Top International
Rapporteur:	

INITIATED BY



Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & ENTREPRENEURSHIP

SUPPORTED BY



Dr. Vishwanath Karad

MIT WORLD PEACE UNIVERSITY | PUNE | BHARAT



1st NATIONAL SCIENTISTS ROUND TABLE CONFERENCE 2024 FOR VIKSIT BHARAT 2047

(NSRTC)

INITIATED BY



Dr. Vishwanath Karad
MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & ENTREPRENEURSHIP

SUPPORTED BY

