

**JOINT**  
**SEMINAR**  
*on*  
**Climate Change  
Adaptation and Mitigation for  
Environmental Sustainability  
and Food Security**

**Organized by**  
**Jindal School of Environment & Sustainability, O.P. Jindal Global University**  
**Faculty of Science, The University of Melbourne**



**Friday, 19<sup>th</sup> September 2025 | 9:30 AM to 4:30 PM**  
**The University of Melbourne Global Centre,**  
**First floor, DLF Capitol Point, Connaught Place, New Delhi**

# CONCEPT

Global demand for food is expected to increase by 60 to 70% by mid-century due to the rapidly growing human population. This will likely increase pressure on existing agricultural systems and environmental sustainability which are already being threatened by climate change and causing grave concern for planetary health. Healthy food and environment are areas of critical importance to both India and Australia, and the Faculty of Science at The University of Melbourne and the OP Jindal School of Environment & Sustainability are ideally positioned to pursue them. Using our extensive expertise in this area, we will jointly run an engaging seminar that will both provide educational benefit and position both institutions and their partners as leaders in this field. By bringing together experts from the University of Melbourne and Indian Institutions, our proposed Seminar will provide a platform to share critical knowledge and resources that are needed to develop strategies for Climate change adaptation and mitigation for environmental sustainability and food security.

# PROGRAMME

**09:30 AM – 10:15 AM      REGISTRATION AND WELCOME TEA**

**10:15 AM – 11:15 AM | INAUGURAL SESSION**

**10:15 AM – 10:30 AM      OPENING REMARKS**

**Professor Willa Huston**, The University of Melbourne

**10:30 AM – 10:45 AM      FROM COMPLIANCE TO COMPETITIVENESS: REFRAMING CLIMATE ACTION IN BUSINESS ECOSYSTEMS**

**Sanchita Gairola**, Co – Founder & Director (Strategy & Ops), VMC Management Consulting (P) Ltd (Vision360)

**10:45 AM – 11:00 AM      IMPACT OF AOTS ON POLLUTION ABATEMENT AND CLIMATE CHANGE**

**Prof. B. Neppolian**, Dean (Research) SRM Institute of Science and Technology, Kattankulathur, Chennai

**11:00 AM – 11:15 AM      FINANCING RESILIENCE: HOW CLIMATE FINANCE CAN HELP PUNJAB BOUNCE BACK—LESSONS IN ADAPTATION, SUSTAINABILITY, AND FOOD SECURITY**

**Prof Navleen Kaur**

**11:15 AM – 11:20 AM      Q&A SESSION AND DISCUSSIONS**

**11:20 AM – 11:30 AM      SHORT BREAK**

## 11:30 AM – 1:30 PM | SESSION I

### Impact of Climate Change on Agriculture and Food Supply

11:30 AM – 11:45 AM	<b>Dr G Taru Sharma</b> , DIRECTOR, BRIC- National Institute of Animal Biotechnology (NIAB), Hyderabad
11:45 AM – 12:00 PM	<b>Dr Surinder Singh Chauhan</b> , Associate Professor (Livestock Genetics and Genomics), School of Agriculture, Food & Ecosystem Sciences
12:00 PM – 12:15 PM	<b>Dr Anupama Singh</b> , Dean, Indian Agricultural Research Institute, Indian Council of Agricultural Research, New Delhi
12:15 PM – 12:30 PM	<b>Dr. P. Balasubramaniam</b> , Director, Tamil Nadu Agricultural University, Coimbatore
12:30 PM – 12:45 PM	<b>Prof Rajesh Chahota</b> , Head of Department Microbiology, HP Agricultural University Palampur
12:45 PM – 01:00 PM	<b>Prof Rajni Chopra</b> , Head of Department of Food Science and Technology, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Kundli
01:00 PM – 01:15 PM	<b>Q&amp;A SESSION AND DISCUSSIONS</b>
01:15 PM – 02:00 PM	<b>LUNCH AND NETWORKING SESSION</b>

## 02:00 PM – 03:40 PM | SESSION II

### Environmental Sustainability

02:00 PM – 2:15 PM	<b>Professor Abhiroop Chowdhury</b> , Dean, Jindal School of Environment & Sustainability, O.P. Jindal Global University
02:15 PM – 2:30 PM	<b>Dr Soumen Maity</b> , Chief Technology Officer, TARA and Vice President, Development Alternatives
02:30 PM – 2:45 PM	<b>Dr Manish Kumar</b> , Associate Professor, Jindal School of Environment & Sustainability, O.P. Jindal Global University
02:45 PM – 3:00 PM	<b>Dr Rahul Devrani</b> , Assistant Professor, Jindal School of Environment & Sustainability, O.P. Jindal Global University
03:00 PM – 3:15 PM	<b>Dr Neelu Anand Jha</b> , Associate Professor, Jindal School of Environment & Sustainability, O.P. Jindal Global University
03:15 PM – 3:30 PM	<b>Dr Bramha Gupta</b> , Assistant Professor, Jindal School of Environment & Sustainability, O.P. Jindal Global University
03:30 PM – 3:40 PM	<b>Q&amp;A SESSION AND DISCUSSIONS</b>
03:40 PM – 04:00 PM	<b>INFO SESSION ABOUT STUDY AT FOS – UOM</b>
04:00 PM – 04:30 PM	<b>CLOSING REMARKS</b> <ul style="list-style-type: none"><li>• <b>Professor Abhiroop Chowdhury</b>, Dean, Jindal School of Environment &amp; Sustainability, O.P. Jindal Global University</li><li>• <b>Dr Surinder Singh Chauhan</b>, Associate Professor (Livestock Genetics and Genomics), School of Agriculture, Food &amp; Ecosystem Sciences</li></ul>
	<b>VOTE OF THANKS</b> <b>Dr Rahul Devrani</b> , Assistant Professor, Jindal School of Environment & Sustainability, O.P. Jindal Global University
	<b>NETWORKING OVER AFTERNOON TEA</b>
04:30 PM	<b>PROGRAM CONCLUDES</b>