

# International Conference on Modernization of Traditional Indian Medicine: Public Health & Industrial Perspectives

## Tentative Minute to Minute Program

Day 1, August 1, 2022, Venue: University of Patanjali Auditorium

**Theme: Agriculture Revolution & E-Atmanirbhar Bharat**

Breakfast: 7:00 to 8:00 AM Venue: University of Patanjali Mess

Registration.....8:00 AM Onwards

### Inaugural Ceremony- University of Patanjali Auditorium I

#### Conference President: Prof. Ramesh Chand (Member, NITI Aayog)

Welcome of the Guests 8:00-9:00 AM

Lamp Lighting 9:00-9:05 AM

Welcome Address by Prof. Mahavir Agrawal 9:05-9:20 AM

#### Release of Abstract Booklet ◀ 9:20-9:25 AM

Message by Revered Swami Ramdev Ji 9:25-09:40 AM

Message by Revered Acharya Balkrishna Ji 9:40-09:55 AM

#### Release of Special Issue of Medicinal Plants Journal ◀ 9:55-10:15 AM

Address & Felicitations by Prof. A.K. Bhatnagar (President SCRDMP) & Dr. G.P. Rao (Secretary SCRDMP)

#### Keynote Session: University of Patanjali Auditorium I

Keynote Lecture 1: Revered Acharya Balkrishna Ji 10:15 to 11:00 AM

Presentation and Live Demo of E-Atmanirbhar Bharat

*Inauguration of Dharti Ka Doctor (Soil Testing Machine)*

Prof. Ramesh Chand (Member, NITI Aayog) 11:00-11:30 AM

#### Session A: Agriculture Revolution in India

Chief Guest: Dr. Trilochan Mohapatra (DG, ICAR) 11:30-12:00 Noon

<b>Dr. Tej Pratap</b> (Former Vice Chancellor, GBPUAT, Pantnagar)  <b>The Chief General Manager</b> (OIC, NABARD, Dehradun)  <b>Conference Chair</b>	<b>Prof. K.R. Dhiman</b> (Former Vice Chancellor, YSPUHF, Solan, H.P.), Rural Empowerment through natural resource conservation 12:00-12:45 PM	<b>Parallel Session Virtual Only [Day1]</b>  <b>Dr. Bhushan Patwardhan</b> Therapeutic Adjuvants based on Ayurveda Rasayana 12:00-12:45PM  <b>Dr. S.K. Tewari</b> Cultivation of Medicinal Plants: Traditional, Modern, or Futuristic? 12:45-1:30PM  <b>Lunch Break 1:30-2:30 PM</b>  <b>Dr. Satyanshu Kumar</b> Bio-prospection for chemical diversity in Phyllanthus species from India 2:30-3:00PM  <b>Dr. Arvind</b> Extraction and encapsulation of herbal bio-actives: Trends & Technologies 3:00-3:30PM  <b>Dr. Sonia Malik</b> Biological properties of essential oils from <i>Artemisia vulgaris L.</i> 3:30-4:00PM  <b>Dr. Deepshikha Pande Katare</b> Natural bioactive compounds as emerging therapeutic molecules against non-alcoholic fatty liver disease (NAFLD) 4:00-4:30PM  <b>Dr. Suhas J. Vyas</b> Industrial potential of Seaweed: Promising plant of the Millennium as marine living resources 4:30-5:00PM  <b>Poster Session 6:00-7:30PM</b> <b>Judges:</b> Dr. K. Rajamani, Dr. Ajay Kumar Gautam, Dr. Kunal Bhattacharya, Dr. Rishabh Dev
	<b>Sh. Devinder Sharma</b> (Food Policy Analyst, Researcher, Writer) 12:45-1:30 PM	
	<b>Prof. O.P. Agrawal</b> (Former Vice Chancellor, Jiwaji University, Gwalior, M.P.), Significance of Organic farming, Natural farming and vermicomposting in environmental conservation and Sustainable Development 2:30-3:15 PM	
	<b>Dr. P.K. Joshi</b> (Director for South Asia, International Food Policy Research Institute) 3:15-4:00 PM	
	<b>Dr. R.K. Srivastava</b> (Principal Scientist, CSIR-CIMAP), Technologies of CSIR-CIMAP towards empowering farmers and entrepreneurs 4:15-5:00 PM	
	<b>Dr. Ajeet Singh Nain</b> (Director Research and NABARD CHAIR, GBPUAT), Digital Agriculture for enhancing farm productivity 5:00-5:45 PM	
	<b>Concluding Remarks</b> (Dr. Tej Pratap Singh & The CGM, NABARD) 5:45-6:00 PM	
	<b>Technical Session (Oral Presentations, Offline + Virtual)</b> <b>Chairperson: Dr. G.P. Rao &amp; Co-Chairperson: Dr. Vedpriya Arya</b> Selected Oral Presentations 6:00-8:00 PM	
	<b>Dinner 8:00-9:30 PM</b>	
	<b>Prof. A.K. Bhatnagar</b> (President, SCRDMP)  <b>Dr. Anupam Srivastava</b> (Emeritus Scientist & CKO, PHRD, PRI)  <b>Conference Chair (Virtual Session)</b>  <b>Concluding Remarks</b> (Prof. A.K. Bhatnagar & Dr. Anupam Srivastava) 5:00-5:15PM	

# Day 2, August 2, 2022, Venue: University of Patanjali Auditorium I

Breakfast: 7:00 to 8:30 AM Venue: University of Patanjali Mess

**Chief Guest: Prof. Undurti Narasimha Das (CEO & CSO UND Life Sciences, USA)**

## Keynote Session: University of Patanjali Auditorium I

Prof. Undurti Narasimha Das		9:00-10:00 AM	
<b>Prof. S.S. Kanwar</b>  <b>Dr. Rakesh Pandey</b>  <b>Conference Chair</b>	<b>Prof. Rana Pratap Singh</b> Designing novel ecosystem for ecological production of medicinal and aromatic plants	10:00-10:30 AM	
	<b>Dr. Arun Chandan</b> Issues and Constraints in Supply Chain Management of Medicinal Plants Sector/Role of RCFC/NMPB in the facilitation of Industries-Academic Institutions and Farmers as well as other stakeholders	10:30-11:00 AM	
	<b>Concluding Remarks</b> (Prof. S.S. Kanwar & Dr. Rakesh Pandey)	11:00-11:15 AM	
<b>Tea Break 11:15-11:30 AM</b>			
<b>Dr. Undurti Narasimha Das</b>  <b>Dr. C.B. Dhanraj</b>  <b>Conference Chair</b>	<b>Dr. S.S. Samant</b> Medicinal Plants of Indian Himalayan Region	11:30-12:00 Noon	
	<b>Dr. Rakesh Pandey</b> Medicinal plants and their impact on ageing and age related neurodegenerative diseases in <i>Caenorhabditis elegans</i>	12:00-12:30 PM	
	<b>Prof. S.S. Kanwar</b> Intellectual Property Rights in Context of Herbal Medicine	12:30-1:00 PM	
	<b>Concluding Remarks</b> (Dr. Undurti Narasimha Das & Dr. C.B. Dhanraj)	1:00-1:15 PM	
<b>Lunch Break 1:15-2:15 PM</b>			
<b>Prof. J.P. Yadav</b>  <b>Prof. Rana Pratap Singh</b>  <b>Conference Chair</b>	<b>Dr. Veena Gupta</b> National Genebank -conserving medicinal plants diversity as insurance to drug industry in India	2:15-2:45 PM	<b>Parallel Poster Session [Day2]</b>  2:45-4:00PM <b>Judges</b> Sh. K.K. Chaturvedi, Dr. Ajay Gautam, Dr. Kunal Bhattacharya, Dr. Rishabh Dev
	<b>Dr. Manish Das</b> Good Agricultural Practices in Medicinal Plants	2:45-3:15 PM	
	<b>Dr. K. Rajamani,</b> Participatory Research Program in medicinal plants production: 'Way forward for effective outreach'	3:15-3:45 PM	
	<b>Concluding Remarks</b> (Prof. J.P. Yavav & Prof. Rana Pratap Singh)	3:45-4:00 PM	
<b>Tea Break 4:00-4:15 PM</b>			
<b>Dr. Anurag Varshney</b>  <b>Dr. H.K. Pandey</b>  <b>Conference Chair</b>	<b>Prof. J.P. Yadav</b> <i>In vitro</i> and <i>in silico</i> Anti-dengue activity of Supercritical extract of medicinal plants against Dengue serotype-2	4:15-4:45 PM	
	<b>Dr. Rakhi Chaturvedi</b> Sustainable production of plant secondary metabolites by the application of Plant Tissue Culture Techniques	4:45-5:15 PM	
	<b>Concluding Remarks</b> (Dr. Anurag Varshney & Dr. H. K. Pandey)	5:15-5:30 PM	
<b>Cultural Program 6:00-8:00 PM</b>			
<b>Dinner 8:00-9:30 PM</b>			



# Day 3, August 3, 2022, Venue: University of Patanjali Auditorium II

Breakfast: 7:00 to 8:30 AM Venue: University of Patanjali Mess

**Chief Guest: Prof. (Dr.) J. Kumar (Vice Chancellor, Graphic Era Hill University, India)**

## Keynote Session: University of Patanjali Auditorium II

**Prof. (Dr.) J. Kumar**

**9:00-9:30 AM**

<b>Dr. V.K. Katiyar</b> <b>Prof. A.K. Bhatnagar</b>	<b>Prof. Sangeeta Saxena</b> Bioactivity of <i>Carica papaya</i> Leaves Extract for Increased Life-expectancy and Delayed Aging	9:30-10:00 AM
	<b>Dr. Ajay G. Namdeo</b> Sustainable production of Anticancer agent Camptothecin through plant biotechnological strategies	10:00-10:30 AM
<b>Conference Chair</b>	<b>Dr. T. Sekar</b> Conservation of Selected Ethno medicinal plants and cultivation of Coleus for the livelihood of rural community	10:30-11:00 AM
	<b>Dr. H.K. Pandey</b> An improved version of anti-leucoderma herbal product (Mark-II) developed by Defence Institute of Bio-energy Research (DRDO), Haldwani: A boon to Leucoderma patient	11:00: 11:30 AM
	<b>Concluding Remarks</b> (Dr. V.K. Katiyar & Prof. A.K. Bhatnagar)	11:30: 11:45 AM

### Tea Break 11:45-12:00 Noon

<b>Dr. G.P. Rao</b> <b>Dr. Anil K. Thakur</b>	<b>Dr. H.B. Singh</b> Use of microbial pesticides and biostimulants for organic cultivation of medicinal plants: Current scenario and future prospects	12:00-12:30 PM
	<b>Dr. Ranjit Singh</b> <i>Ophiocordyceps siensis</i> : A Unique Medicinal Mushroom with immense Pharmaceutical Potential	12:30-1:00 PM
<b>Conference Chair</b>	<b>Prof. Rupam Kapoor</b> Exploring the Potential of Arbuscular Mycorrhiza in Augmenting the Productivity of Medicinal Plants and their Sustainable Cultivation	1:00-1:30 PM
	<b>Concluding Remarks</b> (Dr. G.P. Rao & Dr. Anil K. Thakur)	1:30-1:45 PM

### Lunch Break 1:45-2:45 PM

<b>Dr. Anupam Srivastava</b>	<b>Dr. Reena V. Saini</b> Cell death induction in 2D and 3D prostate cancer models through green nanoparticles synthesized from <i>Stephania glabra</i>	2:45-3:15 PM
	<b>Dr. V. Sivaram</b> Honey Bee Products in Health Care	3:15-3:45 PM
<b>Prof. Sangeeta Saxena</b>	<b>Dr. J.N. Govil</b> Hemorrhoids- An Herbal Solution	3:45-4:15 PM
	<b>Dr. Pankaj Bharali</b> Leveraging traditional knowledge based bioresources of Northeast India for bioprospecting	4:15-4:45 PM
<b>Conference Chair</b>	<b>Concluding Remarks</b> (Dr. Anupam Srivastava & Prof. Sangeeta Saxena)	4:45-5:00 PM

### Valedictory Function 5:00-5:45 PM

**Blessings from Revered Swami Ramdev Ji  
and Hon'ble Acharya Balkrishna Ji**

Vote of Thanks

Dinner 8:00-9:30 PM



# Parallel Session Day 3

## Brain Storming on the Challenges in Healthcare: Integrative Approach on Modern Medicines and Ayurveda

03 August, 2022 (Wednesday)

Venue: Auditorium I, University of Patanjali, Haridwar

**Chief Guest: Vaidya Rajesh Kotecha**  
(Secretary, Ministry of AYUSH, New Delhi, India)

9:00 - 9:10 AM	Welcome and Felicitation Ceremony of Distinguished Guests	
9:10 - 9:25 AM	Blessings from <b>Param Pujya Swami Jee Maharaj</b>	
9:25 - 9:40 AM	Blessings from <b>Param Shradhya Acharya Jee Maharaj</b>	
9:40 - 9:50 AM	<b>Vaidya Rajesh Kotecha</b> (Secretary, Ministry of AYUSH, New Delhi, India)	
9:50 - 10:15 AM	<b>Prof. Anurag Srivastava</b> Chief Clinical Research Advisor, Patanjali Research Institute, Haridwar	<b>Theme of this Brain Storming Meeting.</b>
10:15 - 10:35 AM	<b>Dr. Anurag Varshney</b> Patanjali Research Institute, Haridwar <b>Dr. Vedpriya Arya</b> Patanjali Research Institute, Haridwar	<b>Introduction to Patanjali Research Institute.</b>

### Session 1: Joining Hands Against Cancer. Session Chair: Prof. Anurag Srivastava

<b>Prof. H.S. Shukla</b> Department of Surgical Oncology, Banaras Hindu University, Varanasi	<b>Prof. Shalini Singh</b> Director, National Institute of Cancer Prevention and Research, New Delhi	<b>Tea Break</b>	<b>Prof. Ashok Sharma</b> Addl. Professor, AIIMS, New Delhi	<b>Dr. Savita Lochab</b> Patanjali Research Institute, Haridwar <i>[Mechanistic Insights for Ayurvedic Medicines to Combat Cancer]</i>
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### Session 2: Defeating Lifestyle Disorders Together. Session Chair: Prof. Y K Gupta

<b>Prof. Meenu Singh</b> Director, AIIMS, Rishikesh	<b>Prof. K. K. Deepak</b> HOD Physiology, AIIMS, New Delhi
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### Lunch Break

<b>Prof. Tanuja Nesari</b> Director, AIIA, New Delhi	<b>Prof. Bhanu Duggal</b> HOD Cardiology, AIIMS, Rishikesh	<b>Prof (Col) Shekhar Kashyap</b> Consultant & Interventional Cardiologist Former HOD Cardiology, Research & Referral Hospital (Army), New Delhi	<b>Prof. Anil Kumar</b> Principal, Patanjali Ayurvedic Medical College, Haridwar	<b>Prof. C. B. Dhanraj</b> Dean, Patanjali Ayurvedic Medical College, Haridwar	<b>Dr. Rishabh Dev</b> Head, In-vitro Biology, Patanjali Research Institute, Haridwar <i>[Drug Discovery Research on Herbal Drugs Against Liver Disorders]</i>
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### Tea Break

### Session 3: Addressing the growing menace of infections. Session Chair: Prof. K. K. Deepak

<b>Prof. Sandeep Kumar</b> Professor, AIIMS, Bhopal	<b>Prof. Y. K. Gupta</b> President, AIIMS, Bhopal	<b>Dr. Showket Hussain</b> Assistant Director, National Institute of Cancer Prevention and Research, New Delhi	<b>Prof. Amit Dinda</b> Professor, AIIMS, New Delhi	<b>Dr. Swati Haldar</b> Head Microbiology, Patanjali Research Institute, Haridwar <i>[Evidence-based Preventive and Therapeutic Ayurvedic Solutions for Infectious Diseases]</i>
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Vote of Thanks ◆ 5:30 PM

**Day 4, August 4, 2022, Venue: University of Patanjali Auditorium I**

**Breakfast: 7:00 to 8:30 AM Venue: University of Patanjali Mess**

**Revered Acharya Balkrishna's Birthday Celebration  
(Jadi Buti Divas)**

**Program 9:00 AM Onwards**

