

# 30<sup>th</sup> Swadeshi Science Congress

25-27 May 2023

## National Institute of Technology Calicut

*Theme: Holistic Approach for Sustainable Lifestyle – Perspectives from Indian Knowledge System*

### Technical programme

<b>25 May 2023</b>	
09.00	Registration: At School of Management Studies (SOM) Auditorium ( <b>SWAMI VIVEKANANDA AUDITORIUM</b> )
10.00	Inaugural Session
11.45	Tea break
12.00	<b>Parameshwarji Memorial Lecture:</b> Dr. Prasad Krishna, Director, National Institute of Technology - Calicut
12.45	<b>Sir C.V. Raman Memorial Lecture</b> Dr. Chandrabhas Narayana, Director, Rajiv Gandhi Centre for Bio Technology, Thiruvananthapuram
13.30	Lunch
14.00	At <b>SWAMI VIVEKANANDA AUDITORIUM</b> <b>Session 1: Indian Knowledge System</b> Invited Lectures Dr. V.P.N. Nampoori, Visiting Scientist, School of Photonics, CUSAT, Cochin Dr. T.V. Murali Vllabhan, Director, Marian Institute of Management, Kuttikkanam Dr. Vinayak Rajat Bhat, Associate Professor, Centre for IKS, Chanakya University, Bengaluru Dr. S. Venkatramanaiah, Professor, Operations Management, IIM-Lucknow Dr. Jayasri Vaidyanathan, Centre for Earth Research and Environment Management, Cochin Oral Presentations: 17 Nos.
16.15	Tea Break
16.30	Session 1 Continue
18.00	Tea Break
14.00	At SOM Lecture Hall: <b>SATYENDRA NATH BOSE Hall</b> <b>Special session on ‘Co-Creating Sustainable Technological Solutions for Small-Scale Fisheries: An Interdisciplinary Approach’</b>
18.15	At <b>SWAMI VIVEKANANDA AUDITORIUM</b> Swatantrata ka Amrit Mahotsav (SWAM) – Special session on celebration of 75 <sup>th</sup> years of Indian Independence by Vijnana Bharati
19.00	At <b>SWAMI VIVEKANANDA AUDITORIUM</b> Heartfulness Meditation – Special Session
20.00	<b>Millet-Dinner to commemorate International Year of Millets</b>

<b>26 May 2023</b>	
09.00	At SOM Lecture Hall: <b>JANAKI AMMAL Hall</b> <b>Session 2: Agriculture and Botany</b> Invited Lecture: Dr. T.P. Sethumadhavan, The University of Trans-Disciplinary Health Science & Technology, Bengaluru Oral Presentations: 33 Nos.
09.00	At SOM Lecture Hall: <b>SALIM ALI HALL</b> <b>Session 3: Veterinary and Animal Sciences</b> Invited Lecture: Dr. N.H. Mohan, Principal Scientist, ICAR-NRC on Pig, Guwahati Oral Presentations: 35 Nos.
09.00	At SOM Lecture Hall: <b>SATYENDRA NATH BOSE Hall</b> <b>Session 4: Fisheries Sciences</b> Invited Lecture: Dr. N. Ramaniah, Chief Scientist (Retd.), CSIR-NIO, Goa Dr. Grinson George, Principal Scientist, ICAR-CMFRI, Cochin Oral Presentations: 15 Nos.
09.00	At SOM Lecture Hall: <b>Dr. PALPU Hall</b> <b>Session 5: Health Sciences</b> Invited Lecture: Dr. Balagopal Unni, Director, Academic & Research, GEMS Arts & Science College, Rmapuram, Malappuram Dr. Remya Krishnan, Associate Professor & Head, Department of Dravyaguna, Rajiv Gandhi Ayurveda Medical College, Mahe Dr. P.V. Mohanan, Head, Department of Applied Biology, SCTIMST, Thiruvananthapuram Oral Presentations: 15 Nos.
11.15	Tea break
11.30	Sessions continue
13.30	Lunch
14.00	<b>SWAMI VIVEKANANDA AUDITORIUM</b> <b>Session 6: National Education Policy-2020: Perspectives and Implementation</b>
16.30	Tea break
16.45	At SOM Lecture Hall: <b>JANAKI AMMAL Hall</b> <b>Session 7: Chemical and Material Sciences</b> Invited Lecture: Dr. U.S. Hareesh, Senior Principal Scientists, CSIR-NIIST, Thiruvananthapuram Oral Presentations: 12 Nos.
16.45	At SOM Lecture Hall: <b>SALIM ALI HALL</b> <b>Session 8: Engineering and Technology</b> Invited Lecture: Dr. K.P. Sudheer, Head, Department of Agricultural Engineering, College of Agriculture, KAU, Thrissur Oral Presentations: 14 Nos.
16.45	At SOM Lecture Hall: <b>SATYENDRA NATH BOSE Hall</b> <b>Session 9: Mathematical and Physical Sciences</b> Invited Lecture: Dr. Kalyan Chalkrabarty, Director, Kerala School of Mathematics, Calicut Dr. S. Sankara Raman, Professor, Department of Opto-Electronics, Kerala University, Thiruvananthapuram

	Oral Presentations: 09 Nos.
16.45	At SOM Lecture Hall: <b>Dr. PALPU Hall</b> <b>Session 10: Forestry and Life Science</b> Invited Lecture: Dr. Dr. N.C. Induchoodan, DFO (Retd.), Cochin Oral Presentations: 10 Nos.
18.45	Tea break
19.00	<b>SWAMI VIVEKANANDA AUDITORIUM</b> Cultural Programme
20.00	<b>Dinner</b>
<b>27 May 2023</b>	
09.00	At SOM Lecture Hall: <b>JANAKI AMMAL Hall</b> <b>Session 11: Biotechnology and Biomedical Research</b> Invited Lecture: Dr. Biju Dharmapalan, Vijnan Prasar, New Delhi Dr. G.M. Nair, Director, CLIF, University of Kerala, Thiruvananthapuram Oral Presentations: 19 Nos.
09.00	At SOM Lecture Hall: <b>SALIM ALI HALL</b> <b>Session 12: Environmental Science</b> Invited Lectures: Dr. M.R. Ramesh Kumar, Chief Scientist, CSIR-NIO, Goa Dr. R. Jyothibabu, Principal Scientist & Scientist Incharge, CSIR-NIO Regional Centre, Cochin Oral Presentations: 17 Nos.
09.00	At SOM Lecture Hall: <b>SATYENDRA NATH BOSE Hall</b> <b>Session 13: Social Science and Knowledge Dissemination</b> Invited Lecture: Dr. K. Muralidharan, Head, Division of Social Sciences, ICAR-CPCRI, Kasaragod Oral Presentations: 12 Nos.
11.15	Tea
11.30	Sessions resume
13.00	<b>Lunch</b>
13.30	At <b>SWAMI VIVEKANANDA AUDITORIUM</b> <b>Valedictory Session</b>
14.45	Tea