

**Brief report on the  
Winter Session of the  
Dayalbagh Science of Consciousness (DSC 2021)**

**January 01, 2021**

Organized by the

Dayalbagh Educational Institute (Deemed to be University), Agra-282005, INDIA

Radhasoami Satsang Sabha (Sponsoring Body of DEI), Dayalbagh, INDIA

University of Kiel, GERMANY

University of Waterloo, CANADA

With participation of  
Systems Society of India

## **INTRODUCTION**

The winter session of the bi-annual conference series of Dayalbagh Science of Consciousness was organized in virtual mode on the 1<sup>st</sup> January, 2021. Conference had four Keynote talks by speakers from diverse fields spanning Religion and Theology, Panpsychism, Quantum Physics to Evolutionary Biology. The conference primarily focused Towards Evolutionary, Art, Science & Engineering (TEASE) of Consciousness while the theme of the panel discussion was Ultra-transcendental meditational techniques and the Science of Consciousness. Invited talks by faculty members of DEI were also presented, highlighting the research work of their respective doctoral students. Conference proceedings was moderated by Dr. Vijai Kumar, President of the Radhasoami Satsang Sabha, Dayalbagh (sponsoring body of DEI).

## **KEYNOTE TALKS**

- i. The inaugural keynote address was by Dr. Andrew Davies, Director of the Edward Cadbury Centre and Reader in Religion and Theology at the University of Birmingham. Dr. Davies spoke on Conscious Leadership and what religion brings to leadership. He discussed the role of religion in shaping people's lives and their motivation and that India has always emphasized this aspect.
- ii. Dr. Philip Goff, Associate Professor, Durham University, UK was another Keynote speaker. He explained that consciousness poses challenge to the contemporary scientists as it is not publicly observable and therefore scientifically not possible to track the neural correlates and if measured, philosophically it is not explainable. He discussed on the two popular approaches to explain Consciousness scientifically, the Materialistic approach and the Natural dualistic approach and that panpsychism encourages better relationship with the environment that are more consonant with the spiritual convictions.
- iii. Third keynote address was by Prof. Subir Sachdev, Professor of physics from University of Harvard, USA. Prof. Sachdev delivered his talk on Spooky action at

a distance: in black holes and in the lab. He explained how the idea of quantum entanglement is important in addressing some deeper questions on the nature of black holes.

- iv. The Valedictory keynote address was delivered by Dr. Bruce Damer, an astrobiologist and an evolutionary biologist from University of California, Santa Cruz, USA. He presented his theory on the Origin of life, the mechanism to metaphysics to meaning, a work that was featured in Scientific American, Astrobiology and recently in Nature (Dec 2020). He proposed that consciousness arises only after billions of years of stacked evolution in complex organisms, the humans.

The talks were received with mixed views with many questions posted by enthusiastic audience on the e-cascade network, on the conference website.

## **ILLUSTRATION OF THE CONSENSUS BUILDING FRAMEWORK OF DEI AND DAYALBAGH**

Video recording of the Proceedings of the meeting of the Advisory Committee on Education (ACE), an apex non-statutory body, mentoring DEI and its sponsoring body the Radhasoami Satsang Sabha, Dayalbagh, held on the 23<sup>rd</sup> September, 2020 was played for the audience to illustrate on how we build consensus through debates on vital issues and review just in a span of 12 hours using NGT (Nominal Group Technique), AHP (Analytical Hierarchy Process). Rev. Prof. Satsangi, Chairman ACE remarked that his framework is getting acknowledgement and appreciation at the global level and that although scientists today do not want to talk pure spirituality and believe in pure, purer and purest mind (or thought), but there is not much difference between these two viewpoints. Rev. Prof. Satsangi also remarked that scientists are fast approaching this with all kinds of hardware and software development which are being harnessed for the purpose by the Comity of nations.

## **INVITED TALKS (D.E.I) DSC**

- i. Dr. Dayal Pyari Srivastava gave an invited talk primarily presenting research work on Exploratory Measurement of Spiritual Intelligence and the Effect of Ultra-Transcendental Meditation, using infrared thermography and the effect of Surat Shabda Yoga Mediation.
- ii. Dr. Bani Dayal Dhir spoke on 'Towards True Liberation: Swarajya', analysing the play 'Swarajya' written by His Holiness Huzur Sahabji Maharaj from literary consciousness perspective. She concluded that accepting God-Realization as the ideal of life will save the world from current crisis. Talk was appreciated by Dr. Andrew Davies and had conveyed possibility of collaboration.

- iii. Dr. Shiroman Prakash gave a lecture on Qutrit Quantum Error Correcting codes addressing the question if contextuality was sufficient for quantum computation?
- iv. Dr. Anjoo Bhatnagar discussed the results of her study on the Impact of Dayalbagh way of life on growing infants and children participating in the Sant Su (perman) Evolutionary Scheme that is being scientifically studied now for 4 years.

### **PANEL DISCUSSION**

The theme of the panel discussion was Ultra-Transcendental Meditational Techniques and Science of Consciousness. Discussions were moderated by Dr. Vijai Kumar MRCP(UK), President, DEI (General Body)& RS Sabha, Chief of Modern Medicine, Dayalbagh, with all the keynote speakers as the panelists along with two young scientists Dr. Aarat Kalra from University of Alberta and Dr Tanmay Nath from John Hopkins University. Discussions commenced with a brief presentation by the moderator on the ultra-transcendental meditational techniques with illustration of the apertures of the brain in context of the said mediational technique as explained in the Radhasoami Faith (the Religion of Saints) with the comparative overview of the conventional illustration of the cerebral cortex.

Dr. Andrew Davies expressed his views that he was impressed with model of D.E.I (Deemed University) and its sponsoring body, the Radhasoami Satsang Sabha, Dayalbagh as a society that moves towards the shared knowledge and he appreciated the work carried out by DEI to cherish consciousness to create new opportunity for science and humanities to dialogues. Dr. Damer remarked that humans are organism of organisms and that it was difficult to map experientially what humans go through and to how we are made and remade constantly which is perhaps the biggest challenge of the 21<sup>st</sup> century to hypothesis. Dr. Goff said that the philosophical aspects of metaphysical and eastern perspectives have of late being defended within the strictly logical framework of panpsychism. He agreed to the fact that unconditional consciousness is fundamental to reality and experienced meditationists should be considered as expert testimony like that of the scientists, to understand consciousness. Dr. Aarat Kalra pointed out that the well-established observations of the gamma oscillations during meditation can be further explored to understand the feasible measurable of consciousness. Dr Tanmay Nath felt that the effects of meditation are also reflected in the behavioral aspects, due to increase in the intuitive capacity and suggested that neural circuits behind this increase (intuition) can be experimentally explored.

## **POSTER SESSION**

Conference also showcased the posters of bright young students of DEI. Best poster awards were given in three categories, namely, Arts, Science and Engineering, the winners were as follows :

- i. Palak Taneja, Faculty of Commerce
- ii. Mr. Zeeshan, Faculty of Science
- iii. Mr. Anshaj Goyal and team, Faculty of Engineering.

The conference was live transmitted from Multi-Media Centre of D.E.I (Deemed University) by Prof. K. Soami Daya, Professor on behalf of Department of Physics & Computer Science, and her competent inter-disciplinary team, for the residents of Dayalbagh in the Satsang Hall Auditorium (with modern phonetic and photonic environment) and also to the e-Satsang cascade network with 476+1 video nodes. The conference was witnessed live by 22509 registered attendees through the conference website. On the e-Satsang Cascade network there were 2350 attendees through audio mode with 49 branches and 239 mPGs connected to the live video broadcast of the programme. All the attendees were facilitated to post their questions on the conference website to keep the discussion between speakers and seekers live even after the conference. The website edeiwww.education received overwhelming response from the audience.

Invitation to attend the conference was sent to all the keynote speakers of the previous DSCs, ACE members, President-Designate (Professor (Dr.) Vivek Goel) of the University of Waterloo, representative of the Indian Consulate, Birmingham. Dr. David Lane and Dr Andrea Lane had conveyed that owing to confusion in understanding the date, they missed the conference. Link to the conference recording was shared with them through 468 nodal centers internationally. Attendance statistics is enclosed (Annexure 1 & 2).

**From the very conception, to the degree of success that the conference has had, it is solely due to sheer Grace, Guidance and Blessings of Thy Beloved Supreme Father.**

**We pray to make us worthy to serve Thy Lotus Feet as per Supreme Will and continued Grace and Guidance.**

Prospectus 2020-21 refers to the Statement of Vision & Mission of the Institute.

Advisory Committee on Education (ACE) a non-statutory body serves as a Think-Tank for the Institute with its Chairman as Revered Prof. Prem Saran Satsangi, Vice Chairman as Prof. V.B. Gupta, Secretary & Convener as Prof. D.S. Mishra & Prof. C. Patvardhan with Chief organizing member for the Winter Session of Dayalbagh Science of Consciousness (DSC) 2021 as Prof. K. Soami Daya, Department of Physics and Computer Science, D.E.I., Dayalbagh, Agra, 282005, Uttar Pradesh, India.

### Invited dignitaries and their attendance statistics

Annexure-1

S. No.	Name	Affiliation	Attendance	Mode of participation
1	Prof Anna Horatschek	University of Kiel, Germany	Attended	Zoom
2	Prof. Anand Srivastava	University of Kiel, Germany	Attended	Zoom
3	Dr. Apurva Narayan	University of Waterloo, Canada	Attended	Zoom
4	Dr. Apurv Ratan Murty	Massachusetts Institute of Technology	Attended	Zoom
5	Dr. Madhan Raghavan	University of Houston, USA	Attended	Through Conference website live streaming
6	Mr. Pankaj Srivastava	Indian High Commission UK	Attended	Zoom
7	Prof. David Lane	Mt. San Antonio College, California	Could not attend	Owing to misunderstanding of the dates, missed the event
8	Prof. Andrea Diem Lane	Mt. San Antonio College, California	Could not attend	
9	Dr. Vivek Goel	University of Waterloo, Canada	Not attended	No response received to the invite
10	Prof. Marks Juergensmeyer	UC, Santa Barbara, USA	Not attended	No response received to the invite
11	Prof. Rocco Gennaro	University of Southern Indiana, USA	Not attended	No response received to the invite
12	Prof. Peter Roe	University of Waterloo, Canada	Not attended	No response received to the invite
13	Prof. Keith Hipel	University of Waterloo, Canada	Not attended	No response received to the invite
14	Prof. Jutta Zimmerman	University of Kiel Germany	Not attended	No response received to the invite
15	Prof. Elizabeth Behrman	Wichita State University, USA	Not attended	No response received to the invite
16	Dr. Anirban Bandyopadhyay	National Institute of Material Science, Japan	Not attended	No response received to the invite
17	Prof. Keith Ward	Emeritus Regius Professor of Divinity, Oxford University, UK	Regret received	Was invited for Keynote address, Prof Ward was interested, but owing to prior commitments could not accept the invitation
18	Prof. Evangelyn Alocilja	Michigan State University	Regret received	

Attendance of ACE Members in Winter Session of DSC on January 1, 2021

<b>S.No</b>	<b>Name</b>	<b>Medium of presence</b>	<b>Duration attended</b>
1	Prof PS Satasangi Sahab	Multimedia	Full
2	Dr Vijai Kumar	Multimedia	Full
3	Prof VB Gupta	YouTube	Upto 10:00 PM
4	Prof Prem Kumar Kalra	Multimedia	Full
5	Prof P Sriramamurti	YouTube	Till first break at 8:00 pm
6	Prof SS Bhojwani	Zoom + YouTube	Upto 10:15 pm
7	Prof Anand Mohan	Zoom	Full
8	Mrs Sneh Bijlani	Zoom	Full
9	Shri PP Dua	Zoom	Full
10	Shri V Prem Swarup	YouTube	Upto 9:15 pm
11	Prof Ira Das	Outside Multimedia	Full
12	Prof SP Kaushik	YouTube	Full
13	Prof Poornima Jain	Outside Multimedia	Full
14	Prof JK Verma	Outside Multimedia	Full
15	Prof Sanjeev Swami	YouTube	Full
16	Prof Gunjan Agarwal	YouTube	Upto 11:00 PM
17	Prof PK Kalra (IITD)	Multimedia	Full
18	Prof Pami Dua	Zoom	Full
19	Prof Ravi Kanta Chopra	YouTube	Full
20	Prof Sukhdev Roy	Zoom + YouTube	Full
21	Prof Vishal Sahni	Satsang Hall upto 6:30 PM Youtube after that	Full
22	Prof Gur Saran	Zoom	Full
23	Dr RMM Singh	YouTube	Upto Gracious Huzur's recording
24	Prof K Santi Swarup	Zoom	Full
25	Prof KC Vashistha	YouTube	Full
26	Prof DS Mishra	Zoom	Full
27	Prof C Patvardhan	Multimedia	Full