

PROGRAM OF FOURTH INTERNATIONAL CONFERENCE SCIENCE AND SCIENTIST – 2016

26th August 2016 (FRIDAY)

08.45 – 09.15	Registration Setting up Posters & Banners
09.15 – 9.45	Snacks & Tea
09.45	Invocation
09.45 – 9.55	Welcome Address: H. P. Puttaraju, Ph.D. <i>Professor & Chairman, Department of Life Science, Bangalore University, Bengaluru, India</i>
09.55 – 10.10	Conference Vision: Sripad Bhakti Madhava Puri Maharaja, Ph.D. <i>Conference Chair and Serving Director, Bhakti Vedanta Institute of Spiritual Culture & Science – Princeton, NJ, USA</i>
10.10 – 10.15	Inauguration by Lighting the Lamp & Inauguration of Conference Proceeding
10.15 – 10.35	Inaugural Address: Basuthkar J. Rao, Ph.D., FNA, FASc, FNASc (Chief Guest) <i>The Sir J. C. Bose Fellow, Senior Prof., Tata Institute of Fundamental Research, Mumbai, India</i>
10.35 – 10.45	Joan Walton, Ph.D. (Guest of Honour) <i>Primary Ph.D. Supervisor, Department of Education Studies, Faculty of Education, Liverpool Hope University, UK</i>
10.45 – 10.55	A. K. Mukhopadhyay, M.D. (Guest of Honour) <i>Professor & Head, Laboratory Medicine, All India Institute of Medical Sciences, New Delhi, India</i>
10.55 – 11.05	Prof. S. A. R. P. V. Chaturvedi (Guest of Honour) <i>Distinguished Professor, Jawaharlal Nehru Institute of Advanced Studies, Hyderabad, India</i>
11.05 – 11.15	Presidential Address: B. Thimmegowda, Ph.D. <i>Vice Chancellor, Bangalore University, Bengaluru, India</i>
11.15 – 11.30	Tea break
11.30	Plenary Session to Introduce the Theme of ‘Science and Scientist – 2016’
	Chairpersons: Basuthkar J. Rao, Ph.D., FNA, FASc, FNASc, The Sir J. C. Bose Fellow, Senior Professor, Tata Institute of Fundamental Research, Mumbai, India
	&
	M. V. Jagannadham, Ph.D., Senior Principal Scientist, Centre for Cellular and Molecular Biology (CSIR), Hyderabad, India
11.30 – 12.10	Plenary Talk 1: Biology Needs the Help of Philosophy Bhakti Vijnana Muni, Ph.D., President, Sri Chaitanya Saraswat Institute of Spiritual Culture and Science, Bengaluru, India
12.10 – 12.50	Plenary Talk 2: Science of Fulfillment Bhakti Niskama Shanta, Ph.D., Gen. Secretary, Sri Chaitanya Saraswat Institute of

12.50 – 13.30	<p><i>Spiritual Culture and Science, Bengaluru, India</i></p> <p>Plenary Talk 3: Expanding Science to Include an Investigation of the Scientist's Subjective Experience of Consciousness Joan Walton, Ph.D., <i>Primary Ph.D. Supervisor, Department of Education Studies, Faculty of Education, Liverpool Hope University, UK</i></p>
13.30 – 14.15	Lunch
14.15	<p>Session: Science of Spiritual Biology</p> <p>Chairpersons: Bhakti Vijnana Muni, Ph.D., <i>President, Sri Chaitanya Saraswat Institute of Spiritual Culture and Science, Bengaluru, India</i> & Bhakti Niskama Shanta, Ph.D., <i>Gen. Secretary, Sri Chaitanya Saraswat Institute of Spiritual Culture and Science, Bengaluru, India</i></p>
14.15 – 14.45	<p>Talk 1: Enhancing Brain Plasticity Ameliorates Cognitive Deficits B. S. Shankaranarayana Rao, Ph.D., <i>Professor, Department of Neurophysiology, National Institute of Mental Health and Neurosciences, Bengaluru, India</i></p>
14.45 – 15.15	<p>Talk 2: How Hegel Integrates Science, Ethics, the Arts, Religion, and Philosophy Robert M. Wallace, Ph.D., <i>Author of Hegel's Philosophy of Reality, Freedom and God</i></p>
15.15 – 15.45	<p>Talk 3: Role of Bacterial Vesicles in Social Life of Bacteria M. V. Jagannadham, Ph.D. and M. K. Chattopadhyay, Ph.D., <i>Centre for Cellular and Molecular Biology (CSIR), Hyderabad, India</i></p>
15.45 – 16.15	<p>Talk 4: Electric Activity of Plants Recorded by a 2 Channel EEG-Machine Christoph Garner, Ph.D., <i>Neurologist & Medical Director, KWA-Klinik Stift Rottal, Germany</i></p>
16.15 – 16.45	<p>Talk 5: Consciousness and Causality: A Sub-Quantum Time-Symmetric Approach Adrian Klein, Ph.D., <i>Deputy Chairman and Scientific Coordinator, ISARTOP, Israel</i></p>
16.45 – 17.15	Poster Session
17.15	<p>Session: Scientific Critique of Life Science</p> <p>Chairpersons: B. S. Shankaranarayana Rao, Ph.D., <i>Professor, Department of Neurophysiology, National Institute of Mental Health and Neurosciences, Bengaluru, India</i> & M. V. V. Subramanya, Ph.D., <i>Emeritus Professor, Department of Life Science, Bangalore University, Bengaluru, India</i></p>

17.15 – 17.45	<p>Talk 1: Information Theory and Living Organism Sisir Kumar Roy, Ph.D. and Nepal Banerjee, <i>National Institute of Advanced Studies, IISc Campus, Bengaluru, India</i></p>
17.45 – 18.15	<p>Talk 2: The Seventh Law of Morphogenetic Evolution Mark A. S. McMenamain, Ph.D., <i>Professor, Department of Geology and Geography, Mount Holyoke College, South Hadley, Massachusetts, USA</i></p>
18.15 – 18.45	<p>Talk 3: Karmic Dynamism for so called Evolution Mohan Kharel, Ph.D., <i>Professor, Central Department of Biotechnology, Tribhuvan University, Kathmandu, Nepal</i></p>
18.45 – 19.00	<p>Talk 4: A Scientific Critique of Modern Agriculture Kavingo Matundu, <i>Member of the Social Development Goals Kenya Forum, Kenya</i></p>
19.00 – 19.30	<p>Panel Discussion: Revolution in Scientific Understanding of Life and Its Origin</p> <p>Panelists:</p> <p>Bhakti Vijnana Muni, Ph.D. <i>President, Sri Chaitanya Saraswat Institute, Bengaluru, India</i></p> <p>Bhakti Niskama Shanta, Ph.D. <i>Gen. Secretary, Sri Chaitanya Saraswat Institute, Bengaluru, India</i></p> <p>Joan Walton, Ph.D. <i>Primary Ph.D. Supervisor, Department of Education Studies, Faculty of Education, Liverpool Hope University, UK</i></p> <p>Robert M. Wallace, Ph.D. <i>Author of Hegel's Philosophy of Reality, Freedom and God</i></p> <p>Basuthkar J. Rao, Ph.D., FNA, FASc, FNASc <i>The Sir J. C. Bose Fellow, Senior Prof., Tata Institute of Fundamental Research, Mumbai, India</i></p> <p>M. V. Jagannadham, Ph.D. <i>Centre for Cellular and Molecular Biology (CSIR), Hyderabad, India</i></p> <p>Sisir Roy, Ph.D. <i>Professor, National Institute of Advanced Studies, Indian Institute of Science Campus, Bengaluru, India</i></p> <p>Christoph Garner, Ph.D. <i>Neurologist & Medical Director, KWA-Klinik Stift Rottal, Germany</i></p> <p>A. K. Mukhopadhyay, M.D. <i>Professor & Head, Laboratory Medicine, All India Institute of Medical Sciences, New Delhi, India</i></p>
19.30 – 20.00	Cultural Program
20.00 – 20.45	Dinner

27th August 2016 (Saturday)

9.15 – 09.45	Snacks & Tea
09.45	<p>Indian Council of Philosophical Research (ICPR) Sponsored Session: Contribution of Vedānta for the Development of Frontiers in Life Sciences</p> <p>Part – I: A Scientific Approach to Vedānta</p> <p>Chairpersons: H. P. Puttaraju, Ph.D., Professor, Chairman Department of Life Science, Bangalore University, Bengaluru, India & Govindaiah, Ph.D., Professor (Microbiology/ Plant Biology), Department of Life Science, Bangalore University, Bengaluru, India</p>
09.45 – 10.25	<p>Talk 1:</p> <p>On Visiting Reality: Enigmas and Certitude</p> <p>S. R. Bhatt, Ph.D., Chairman, Indian Council of Philosophical Research (ICPR), New Delhi, India</p>
10.25 – 11.05	<p>Talk 2:</p> <p>Human Enquiry Needs to Become Non-Subjective and Operate from Nonlocal Self</p> <p>Basuthkar J. Rao, Ph.D., FNA, FASc, FNASc, The Sir J. C. Bose Fellow, Senior Professor, Tata Institute of Fundamental Research, Mumbai, India</p>
11.05 – 11.45	<p>Talk 3:</p> <p>Consciousness: Contents, States, Levels, regarding; Synthesis from Neuroscience and Vedanta</p> <p>A. K. Mukhopadhyay, M.D., Professor & Head, Laboratory Medicine, All India Institute of Medical Sciences, New Delhi, India</p>
11.45 – 12.00	Tea Break
12.00	<p>Indian Council of Philosophical Research (ICPR) Sponsored Session: Contribution of Vedānta for the Development of Frontiers in Life Sciences</p> <p>Part – II: Synthesis of Science and Vedānta</p> <p>Chairpersons: S. R. Bhatt, Ph.D., Chairman, Indian Council of Philosophical Research (ICPR), New Delhi, India & Rana Purushottam Kumar Singh, Ph.D., Assistant Professor, Pali, Nava Nalanda Mahavihara, (Deemed University), Nalanda, India</p>
12.00 – 12.30	<p>Talk 1:</p> <p>Yoga Psychology and Post-Modern Science</p> <p>Achinta J. Yajnik, Ph.D., Associate Professor in Psychology, B. D. College, Ahmedabad, India</p>

12.30– 13.00	<p>Talk 2: The Systems Upanishad: A Macro-level Abstraction of "The TRUTH" based on Concepts of Systems Thinking and Sanaathana Dharma <i>L. S. Ganesh, Ph.D., Professor, Department of Management Studies, Indian Institute of Technology Madras, Chennai, India</i></p>
13.00 – 13.45	Lunch
13.45	<p>Indian Council of Philosophical Research (ICPR) Sponsored Session: Contribution of Vedānta for the Development of Frontiers in Life Sciences</p> <p>Part – III: A Scientific Analysis of Vedic Science</p> <p>Chairpersons: <i>R. Gopalakrishna, Ph.D., Professor and Chairman, Department of Psychology, Bangalore University, Bengaluru, India</i> & <i>Achinta J. Yajnik, Ph.D., Associate Professor in Psychology, B. D. College, Ahmedabad, India</i></p>
13.45 – 14.05	<p>Talk 1: Hidden Treasure of Mystic Vedas: "Smoke Therapy" <i>Dipti Kanta Pradhan, Ph.D., Assistant Professor, The Pharmaceutical College, Barpali, Odisha, India</i></p>
14.05 – 14.25	<p>Talk 2: Limits of Chemical Analysis of Life – Vedic View can Serve as Alternative <i>Shilpi Saxena, Ph.D., Women Scientist-DST, University of Delhi, India</i></p>
14.25 – 14.45	<p>Talk 3: Need to Critically Examine the Consequences of Scientific and Economic Development and Evolve Better Procedures to Understand the Reality <i>Surendra Singh Pokharna, Ph.D., Former Scientist, Indian Space Research Organization, Bhagwan Mahaveer International Research Center for Scientific Research and Innovative Studies in Social Sciences Koba (Gandhinagar, Gujarat) and Ladnun (Rajasthan), India</i></p>
14.45 – 15.00	Snacks & Tea Break
15.00	<p>Indian Council of Philosophical Research (ICPR) Sponsored Session: Contribution of Vedānta for the Development of Frontiers in Life Sciences</p> <p>Part – IV: Comparative Scientific Analysis of Different Indian Philosophical Systems</p> <p>Chairpersons: <i>Mohan Kharel, Ph.D., Professor, Central Department of Biotechnology,</i></p>

	<p><i>Tribhuvan University, Kathmandu, Nepal</i> & H. S. Ashok, Ph.D., <i>Professor, Department of Psychology, Bangalore University, Bengaluru, India</i></p>
15.00 – 15.30	<p>Talk 1: The Puzzle of Experiential Primacy and Consciousness Sangeetha Menon, Ph.D., <i>Professor & Head, NIAS Consciousness Studies Programme, National Institute of Advanced Studies, IISc Campus, Bengaluru, India</i></p>
15.30 – 16.00	<p>Talk 2: Mana (Mind) in Ayurveda Deba Prasad Dash, M. D. (Ay.) and NiharRanjan Mahanta, M.D. (Ay.), <i>Gopabandhu Ayurveda Mahavidyalaya, Puri, India</i></p>
16.00 – 16.30	<p>Talk 3: Concept of Mind and Consciousness in Theravada Buddhist Tradition Rana Purushottam Kumar Singh, Ph.D., <i>Assistant Professor, Pali, Nava Nalanda Mahavihara, (Deemed University), Nalanda, India</i></p>
16.30 – 17.00	<p>Talk 4: Life and Its Origin: A Sri Vaisnava Perspective Prof. S. A. R. P. V. Chaturvedi, <i>Distinguished Professor, Jawaharlal Nehru Institute of Advanced Studies, Hyderabad, India</i></p>
17.00 – 17.30	<p>Talk 5: The Hardware and Software of Human Cognition and Communication: A Cognitive Science Perspective of Orthodox Indian Philosophical Systems Varanasi Ramabrahmam, Ph.D., <i>(Retired Associate Professor of Physics), Bhimavaram, Andhrapradesh, India</i></p>
17.30 – 18.00	<p>Talk 6: Concept of Living Beings, Consciousness and Soul-Matter Interactions in Jain Philosophy Surendra Singh Pokharna, Ph.D., Narendra Bhandari, Ph.D., Narayan Lal Kachhara, Samani Chaitanya Pragma, Ph.D., <i>Bhagwan Mahaveer International Research Center for Scientific Research and Innovative Studies in Social Sciences, Jain Vishva Bharati Institute, Ladnun (Rajasthan), India</i></p>
18.00 – 18.30	<p>Talk 7: We Become What We Learn K. B. Jinan, <i>Existential Knowledge Foundation, Pune</i></p>
18.30 – 19.00	Valedictory Ceremony
19.00 – 20.00	Dinner