

2017 SPECIAL REPORT

On the occasion of 80th Birth Anniversary Year of Dr. J. D. Singh



BHAKTIVEDANTA INSTITUTE

www.binstitute.org

Promoting Dialogue between Science and Spirituality



ONE OF THE
GREATEST GIFTS
WE HAVE TO GIVE
TO HUMANITY
AND THE
WORLD CAN BE
OUR GROWING
CONSCIOUSNESS
OF LIFE.

— Sir John Templeton
Philanthropist

Dedication

HIS DIVINE GRACE

SRILA A. C. BHAKTIVEDANTA SWAMI PRABHUPADA

(1896-1977)

A Visionary Saint for the Modern Scientific Age

&

Founder Acharya of The Bhaktivedanta Institute

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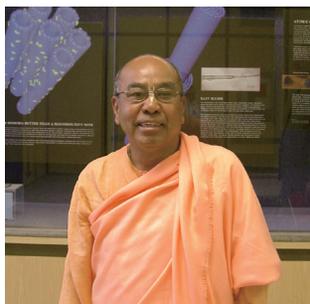
ABOUT US



Bhaktivedanta Institute is a non-profit organization working for the synthesis of science and religion for the benefit of humanity. Our goal is to have spiritual reality accepted and incorporated into scientific research and advancements, and to have scientific principles and methods integrated into the practice of spirituality. Bhaktivedanta Institute is a center for advanced studies in science and spirituality focusing on a consciousness based paradigm of Vedanta to resolve the mind-body problems, the questions of evolution, origin of life and the universe and many other philosophical, ethical and moral human concerns. The institute also promotes scientific, philosophical and religious dialogue among scientists, scholars and religionists of the world covering various common conceptual grounds of science and religion for the purpose of creating a better and harmonious understanding among all the people.

Founded in 1974, Bhaktivedanta Institute has made unparalleled efforts in bridging science and spirituality. The institute has organized numerous conferences, symposiums, seminars and workshops in various educational and research institutes throughout the country and abroad.

FOUNDING DIRECTOR



Dr. T. D. Singh

(His Holiness Bhaktisvarupa Damodara Swami)

Physical Organic Chemist

University of California

Dr. T. D. Singh received his PhD in Physical Organic Chemistry from the University of California at Irvine in 1974. He is a scientist and spiritualist known for his pioneering efforts in synthesizing science and religion for a deeper understanding of life and the universe.

He has many contributed papers in the *Journal of American Chemical Society* and the *Journal of Organic Chemistry* in the field of fast proton transfer kinetics in model biological systems using stopped flow technique and NMR spectroscopy. He also worked on gas phase reaction mechanisms using Ion Cyclotron Resonance (ICR) spectroscopy.

He was trained in Vaishnava Vedanta studies from 1970 to 1977 under Srila Prabhupada and was appointed Director of the Bhaktivedanta Institute in 1974. He has organized four International conferences on science and religion - First and Second World Congress for the Synthesis of Science and Religion (1986 & 1997), First International Conference on the Study of Consciousness within Science (1990), and Second International Congress on Life and Its Origin (2004). Collectively thousands of prominent scientists and religious leaders including several Nobel Laureates participated. He has authored and edited several books including *Thoughts on Synthesis of Science and Religion* (2001), *Savijñānam — Scientific Exploration for A Spiritual Paradigm* (Journal of The Bhaktivedanta Institute), *Tattvajijñāsā — Magazine of The Bhaktivedanta Institute*, *Vedanta and Science Series: Life and Origin of The Universe* (2004), *Science, Spirituality and The Nature of Reality* (2005), *Life and Spiritual Evolution* (2005), and *Essays on Science and Religion* (2005).

Dr. T. D. Singh departed for the spiritual abode on 2nd October 2006.

CONFERENCES



Conference on
Quantum Physics and Consciousness
 4th - 5th February 2017
 Rabindra Tirtha Complex, New Town, Kolkata, India

Imagine a world where scientists and spiritualists join hands together to unravel the deepest mysteries of the nature, a world where science and spirituality shaking off the myths surrounding their seemingly disparate orientations, reveal the unity in their innate nature. Such a world turned into a reality on 4-5 February 2017, when a unique conference on Quantum Physics and Consciousness was held in the city of joy, Kolkata at the beautiful venue of Rabindra Tirtha, New Town.

The study of Consciousness has become an integral part of Quantum Study as Quantum patrons understand that it is impossible to answer the quantum paradoxes without the inclusion of the element of Consciousness. Max Born, one of the founding fathers of Quantum Physics has said "The answer to this (wave particle duality) is no longer physics, but philosophy." Among all the disciplines, the small but very significant branch of quantum physics has a special role to possibly unlock the mystery of consciousness. The

very development of this field from the early 20th century compelled all the founders of quantum physics, Max Planck, Niels Bohr, Max Born, Erwin Schrodinger, Wolfgang Pauli, Werner Heisenberg or John Wheeler, and many others to consider the role of consciousness. As Heisenberg mentioned, it is in quantum theory that the most fundamental changes with respect to the concept of reality have taken place. With the central theme being the understanding of the element of Consciousness through the lens of Quantum Physics, the conference was jointly organized by Bhaktivedanta Institute, Kolkata and Bharatiya Vidya Mandir, and witnessed a heartfelt participation by people from various corners of society, be it from Physics, or Mathematics, or Philosophy, or even Spiritual Seekers. The wide range of themes and topics across gave the conference its splendid aura and profoundness. The expert speakers from across the country as well as abroad kept the audience fully attentive and engrossed with their presentation styles and talks. The conference was attended by over 300



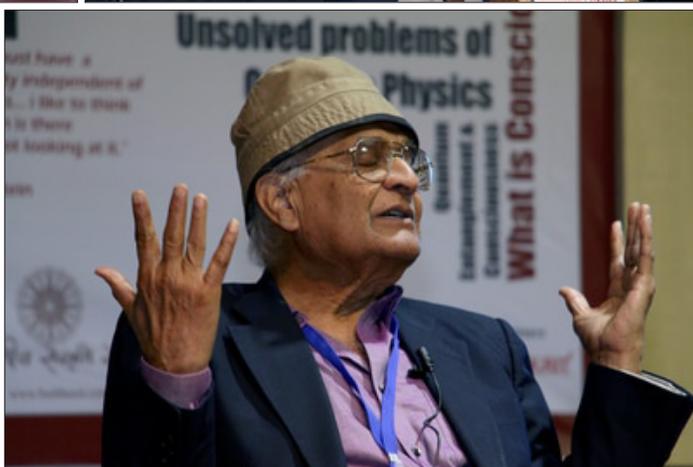
Inaugural Session

participants who in turn came from IITs, ISERs, AIIMS, IISc, Jadavpur University, IACS, ISI and many other elite institutions of the country.

The conference commenced with an inaugural ceremony at 10:00 am on 4th February 2017 with chants of Prayers from Brahma Samhita, lightening of lamps and offering flowers to the photos of Srila A. C. Bhaktivedanta Swami Prabhupada, founder Acharya, Bhaktivedanta Institute, Dr. T. D. Singh (His Holiness Bhaktisvarupa Damodar Swami Maharaj), founder director, Bhaktivedanta Institute, founder, Vedanta and Science Educational Research Foundation, and the conference visionary, and Late Sri M. D. Mundhraj, founder, Bharatiya Samskriti Samsad, by the dignitaries. The chief guest of the conference was Honourable Governor of Tripura, Sri Tathagata Roy. His Holiness Sri Subhag Swami Maharaja, His Holiness Swami Samvit Somgiri, Prof. Ajoy Kumar Ray, Director, IEST Shibpur and Shri Prahlad Rai Agarwal, Chairman, Rupa & Co. Ltd were the other Guests of Honour who were present on the dais during the inaugural session. The other dignitaries on the dais were Dr. Amit Goswami, University of Oregon, USA, Dr. Sudipto Ghosh, Chairman QPC Conference and Professor at IIT Kharagpur, Sri K. Vasudeva Rao, President, Bhaktivedanta Institute, Kolkata, and Dr. B. D. Mundhra, Chairman - Emeritus, Simplex Infrastructures Ltd.

Dr. Sudipto Ghosh, the conference chairman, addressed the audience as well as the dignitaries on dais and welcomed everyone along with stressing on the importance of the conference. He introduced the conference visionaries- Dr. T. D. Singh and (Late) Shri M. D. Mundhra highlighting their

respective contributions to the society at large, and encouraged the audience to contribute to their visions through active participation during the conference. Dr. B. D. Mundhra shared the thoughts which instigated the very idea behind the conference which in turn he called a marriage between Science and Consciousness. He gave a thoughtful definition of life as Layers of Integrated Fundamental Events (L.I.F.E) and mentioned that the conference was meant to understand the principles of these fundamental events. He welcomed everyone to delve into the subtle realms of quantum world comprising of tiny humble particles. Sri K Vasudeva Rao spoke on various approaches to gather knowledge. Top down is followed by those who accept knowledge as revelation and then validate it by applying on themselves whereas bottom-up approach is the empirical one. Even in bottom-up approach there are two divisions - One who says "Shut up and calculate"; while the others, they are genuinely interested in the ultimate reality. Sri Vasudeva Rao positively mentioned that the conference came as a blessing to Science and Spirituality as it would prove out to be remarkably helpful in reconciling these different approaches. Dr. Amit Goswami gave a glimpse of the Oneness of the consciousness as propounded by ancient *Rishis* from India. He presented certain thought provoking questions like, the observer and observed being of different natures, who is creating what- Is Consciousness creating the world or is the world giving rise to the consciousness? He also spoke on the deep moral conduct which Quantum Physics seems to be advising and how this advice has a remarkable one to one correspondence with the teachings of ancient spiritual leaders. His message was followed by a humble address by the Honorable Governor of Tripura, Sri Tathagata Roy. Sri



Distinguished Speakers in the Conference

Tathagata Roy accepted that there must be somewhere a deep connection between Quantum Physics and Consciousness and urged that this connection should now be made clear to people at large including laymen. He congratulated the conference organizers and wished all the best for the conference.

The invocation ceremony was followed by a humble Vote of Thanks by Sri Varun Agrawal, Director of Bhaktivedanta Institute, Kolkata.

Prominent researchers, academicians as well as spiritual leaders and motivational speakers from India and abroad delivered about nineteen lectures on following themes: What is Quantum Physics; Quantum to Consciousness; What is Consciousness; Neuroscience, Artificial Intelligence and Consciousness; Thoughts of Founding fathers of Quantum Physics; Theistic Interpretations of Quantum Physics; and Thoughts on Quantum Physics and Consciousness.

Prominent eminent speakers were Prof. Amit Goswami, (Emeritus Professor) University of Oregon, USA; Dr. Bernard Haisch, Astrophysicist, (formerly) University of California Berkeley, USA; Swami Samvit Somgiri, Bikaner; Dr. Partha Ghose, (formerly) S. N. Bose National Centre for Basic Sciences, Kolkata; Dr. B. N. Gangadhar, Director, NIMHANS, Bangalore; Prof. A.K. Mukhopadhyay, AIIMS, New Delhi; Prof. Bijoy Boruah, Professor, IIT Delhi; Dr. G. P. Das, Indian Association of Cultivation of Science, Kolkata; Prabhat Kumar Ranjan, TIFAC, New Delhi; Prof. Debashis Khan, IIT BHU; Madhu Babu Prakhyia, San Francisco, California, USA; and Dr. Sudipto Ghosh, Professor, IIT Kharagpur. Several other academicians from different institutions like Indian Statistical Institute, Kolkata; Bhadrak Autonomous College, Orissa; and

Defence Avionics Research Establishment, DRDO, and others also delivered talks on their selected papers.

Participants of the Conference were all praises for the same and in their feedbacks have expressed great appreciation for the conference's organizers. Some of the their words are as follows:

"I congratulate you for this occasion."

- Dr. B. N. Gangadhar, Director, NIMHANS, Bangalore

"The conference was a big success and I believe there was a wondrous dialogue that went on between scientists and spiritual leaders."

- Marsha and Bernard Haisch, USA.

"Conference was absolutely amazing and I thoroughly enjoyed it."

- Vilvanesh K., IIT BHU.

"Can't figure out a single session that I didn't like. I liked the openness in the conference."

- Sayan K Pal, S. N. Bose
National Centre for basic sciences, Kolkata



Distinguished Speakers in the Conference



The Interactive Audience



The Lunch Hour



Cultural Evening

One Day Conference on
**Synthesis of Science & Spirituality
 for Holistic Development**

9th September 2017

Satish Dhawan Auditorium, IISc, Bangalore

The first annual conference 'FUSION 2017' with the theme "Synthesis of Science and Spirituality for Holistic Development", was organized by Bhaktivedanta Institute, Bangalore on Saturday, 9th September 2017. The one-day conference took place at Satish Dhawan Auditorium in the prestigious Indian Institute of Science at Bangalore. The conference was organized as a humble tribute to Dr. T. D. Singh (His Holiness Bhaktiswarupa Damodar Swami) on his 80th birth anniversary celebrations. This conference brought together many distinguished personalities having scientific as well as spiritual backgrounds to address more than 300 students and professionals in many thought provoking sessions.

The conference was inaugurated by recitation of beautiful prayer to Lord Vishnu by children having special training in Indian classical music. His Holiness Sri Sri Sri Nirmalanandanatha Maha Swamiji from Sri Adichunchanagiri Mahasamsthana Math, Karnataka was the chief guest at the inauguration ceremony. Sri Murali M., Managing Director, Shriram Properties Ltd and Dr. N. R. Shetty, Advisor, Nitte Meenakshi Institute of Technology were the guests of honor. On this occasion, Prof. P. B. Sharma, Vice Chancellor of

Amity University and President of Association of Indian Universities; Prof. Sudipto Ghosh, IIT Kharagpur; Sri Prabhakar Ballapalle, President of Bhaktivedanta Institute, Bangalore; Dr. Kalicharan Nayak, The conference secretary; were also present. The distinguished guests honored Dr. T. D. Singh, Founder Director, Bhaktivedanta Institute as well as His Divine Grace A. C. Bhaktivedanta Swami Prabhupada, Founder Acharya, Bhaktivedanta Institute by offering flowers and lamps.

During inauguration, Dr. Kalicharan Nayak gave a welcome address. Then Sri. Prabhakar Ballapalle addressed the gathering by explaining the purpose of this conference. During his inaugural address, His Holiness Sri Sri Sri Nirmalanandanatha Maha Swamiji emphasized the need of integration of science and spirituality in every aspect of scientific endeavor. He explained the deeper understanding of senses, mind, intuition, intelligence and consciousness as reality beyond ordinary comprehension. Sri Murali M. explained the need of fusion of science and spirituality in our day to day activities, with special attention to present scenario of national and international government policies

regarding globalization and trade. Sri N. R. Shetty elucidated the need of synthesis of science and spirituality in modern education with moral and ethics. Prof. P.B. Sharma expounded the pathway to integrate capabilities with values with special attention to our prayers for others to achieve peace and prosperity in society. The quality of a true spiritual person was elaborated by Prof. Sudipto Ghosh. He also focused on the need of such conferences for achieving better guidelines for scientific research. The inauguration ceremony ended with the publication of conference souvenir document.

The second session of the conference consisted of keynote addresses. The keynote address was given by Prof. P. B. Sharma on 'Importance of Synthesizing and Spirituality in Modern India'. In this presentation, he discussed about need of integration of spirituality in education system and the relevance of ancient Indian value system in modern times. He concluded with the hope to build a better world by establishing centers of ethics and professional morality in universities and institutions of higher learning. The second presentation in this session was given by Sri Prabhakar Ballapalle, President of Bhaktivedanta Institute, Bangalore on 'Dr. T. D. Singh and Glimpse of Activities of Bhaktivedanta Institute'. In his presentation, he briefly reviewed the life of Dr. T. D. Singh and his vision of organizing conferences on synthesis of science and spirituality. He also reviewed the past and recent activities of Bhaktivedanta Institute including its publications as well as various programs conducted in educational, corporate and research institutions across India.

The theme of the third session was 'Role of Science and Spirituality in Pursuit of Happiness'. The first presentation in

this session was given by Prof. Sudipto Ghosh, IIT Kharagpur on topic 'Science, Spirituality and Happiness: Vedantic and Western Perspectives'. In this presentation, he explained the fundamental sat-chit-ananda nature of the soul and how a long lasting happiness can be achieved by realizing the knowledge about self, Supreme Lord and nature. He also shared experiences from his personal life about his spiritual journey. The second talk in this session was given by Sri Dinesh Kashikar from Art of Living foundation on 'Science, Spirituality and Pursuit of Happiness'. In his talk, he conducted a simple experiment of clapping hands in synchronization with audience and demonstrated how we can be happy and satisfied although we fail to achieve our objective. He also gave some insights into yoga system based on Patanjali yoga sutras.

The theme of the fourth session was 'Health and Spirituality'. This session was chaired by Colonel Dr. Jai Prakash from Sri Siddhartha Medical College, Tumkur. The first presentation in this session was given by Prof. B. N. Gangadhar, Director, National Institute of Mental Health and Neuro Sciences (NIMHANS) on topic 'The Role of Yoga in Schizophrenia: Correcting Connectopathy'. In his talk, he discussed several case studies on how the practice of yoga has contributed to improving the overall health and social behavior of Schizophrenia patients. The second talk in this session was given by Prof. B. M. Hegde, Padma Bhushan, Former Vice Chancellor, Manipal University on topic 'Science, Spirituality and Health'. In his talk, he explained the limitations of some of the methods and practices used in modern medical science and how the spiritual lifestyle accompanied by healthy diet is important in well being of a person. He also shared his experiences when he had a stroke attack. The third



Inaugural Session

presentation was given by Dr. V. Harish, Assistant Vice President, Mediassist India TPA Pvt. Ltd. The topic of his presentation was 'Spirituality Research in Health Care'. In his talk, he emphasized on the fact that the practice of yoga and meditation is prescribed as a daily activity in Ayurveda for having a perfect health and prolonged life. He concluded that the people with no worries tend to have healthy life and spirituality enables people to worry less.

The fifth session of the conference consisted of presentation of selected papers by students. This session was chaired by Dr. Upendra Behera, Centre for Cryogenic Technology, IISc, Bangalore. Two papers were selected for the presentation. The first paper was presented by Mr. Digvijay and Mr. Ravi Prakash Dwivedi from National Dairy Research Institute, Bangalore. The title of their paper was 'Integration of Science and Spirituality in the Technological Society'. The second paper was presented by Mr. Adarsh M. Kalla, National Dairy Research Institute, Bangalore on topic 'Contribution of Indian Sastras and Scriptures in the Field of Science'.

The last session consisted of a panel discussion on a theme 'Need of a New Science for Holistic Development'. The following distinguished personalities were present in the panel:

1. Prof. P. B. Sharma, Vice Chancellor, Amity University
2. Dr. R. Balasubramaniam, Founder and Chairman, Grassroots Research and Advocacy Movement
3. Prof. Sudipto Ghosh, IIT Kharagpur
4. Prof. R. Srikant, Poornaprajna Institute of Scientific Research

5. Dr. A. G. Ramakrishnan, Dept. Of Electrical Engineering, IISc Bangalore

6. Dr. T. S. Mohan, Director and Founder, Pragyan Datalabs

Each of the panel members briefly expressed his views on synthesis of science and spirituality for holistic development. This was followed by questions by participants to the panelists.

Each session of the conference was highly appreciated by the participants. Many interesting question-answer discussions took place at the end of every session. All the participants were served with the first class meals and snacks prasadam. The table presenting the publications of Bhaktivedanta Institute was visited by many enthusiastic participants. Finally the conference ended with presentation of gifts to the guests and valedictory function. The conduction of the conference program was smooth and successful due to the dedicated efforts of the organizing team. Fusion 2017 was the first of its kind one-day conference. Also, the experience gained during this conference will be valuable for organizing such a conference in future.



One Day Conference on
Science, Religion & World Peace
 4th November 2017
 Government Degree College, Dharamshala, Himachal Pradesh

This was one of the unique conference on “Science, Religion and World Peace” organized by the Bhaktivedanta Institute Karnal. We are delighted to have an opportunity to host the conference at Dharamshala, Himachal Pradesh. The word ‘Dharamshala’ may be adequately translated as ‘a sanctuary for spiritual seekers’. In fact, both scientists and spiritualists are seekers of the truth exploring different aspects of Reality. Thus, the serene atmosphere of this venue was indeed advantageous to the participants to discuss, learn and exchange thoughts about ways in which global peace and harmony can be strengthened by integration of science and spirituality.

This conference was inaugurated by His Holiness The Dalai Lama. This event brought together over 900 delegates from 20 countries across the globe, to share their experiences, to learn from one another and to deliberate on ways and means to attain global peace and harmony.

The highlights of the conference included:

- Keynote address by His Holiness the 14th Dalai Lama
- Morning session: Impact of Science, Religion and

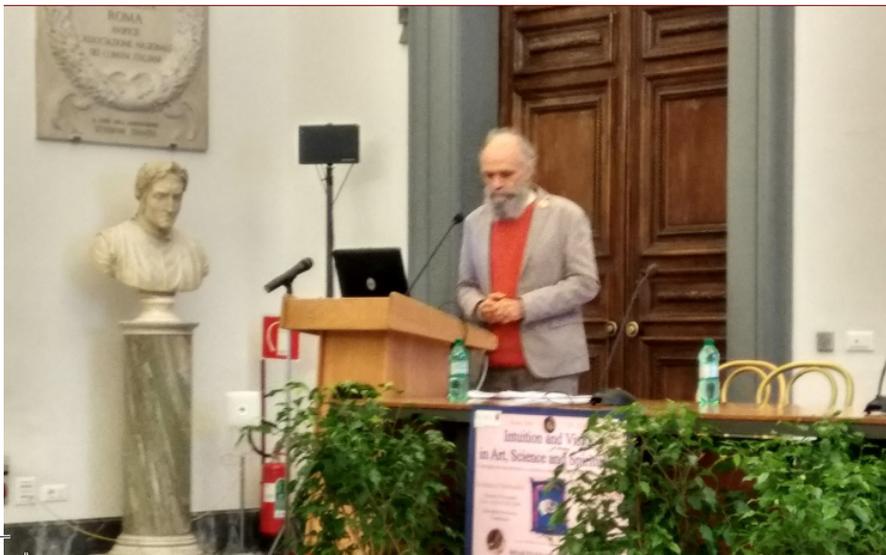
Spirituality on World Peace

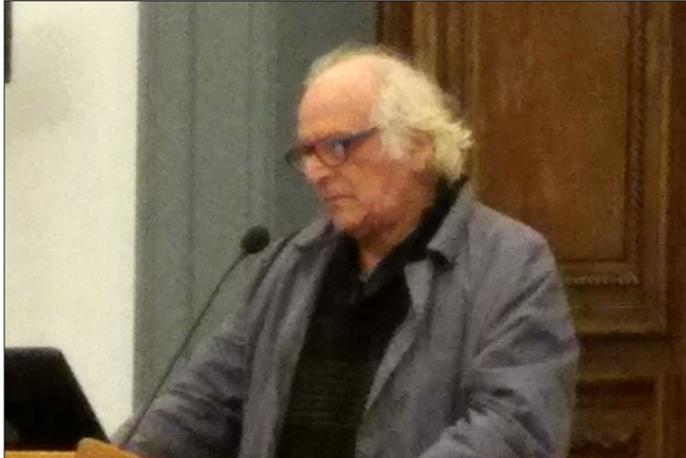
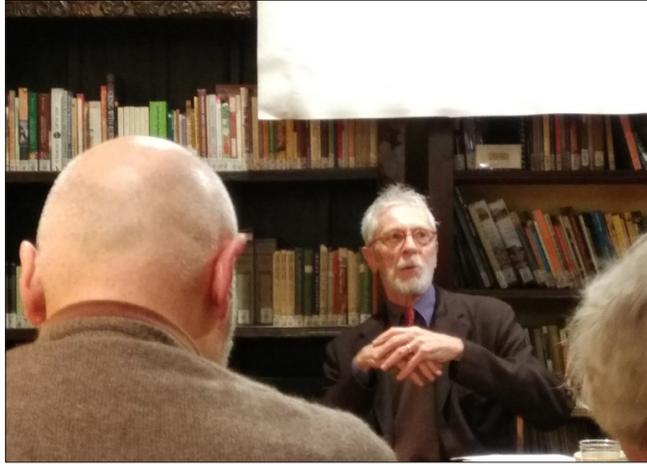
- Afternoon session: Synthesis of Science and Spirituality
- Panel Discussion: Benefits of Synthesis of Science and Spirituality in modern education

Feedback from the conference was very positive – participants greatly enjoyed the chance to meet like-minded people from so many countries, the opportunity to network and to learn from one another, and the chance to explore ideas.



Conference on
Intuition and Vision
in Science, Arts and Spirituality
24th - 25th November 2017, Rome, Italy





PRE-CONFERENCE SEMINARS



QPC Pre Conference Seminar at IISER Kolkata



QPC Pre Conference Seminar at UEM Kolkata



Science, Religion & World Peace Pre Conference Seminar at Men-Tsee-Khang, Tibetan Medical and Astrological College



Science, Religion & World Peace Pre Conference Seminar at Govt. Degree College, Nagrota (H. P)



Science, Religion & World Peace Pre Conference Seminar at JBT Teacher Training Institute, Dharamshala (H. P)



Science, Religion & World Peace Pre Conference Seminar at BE.d college, Dharamshala (H. P)



Science, Religion & World Peace Pre Conference Seminar at Sacred Heart senior secondary school



With students of DAV Narwana



Himachal Institute of Engg. and Technology (HIET), Shahpur



Central University of Himachal Pradesh, Shahpur campus



Dept. of Anatomy, Rajendra Prasad Govt. Medical College, Kanga (Tanda)



Himachal Pradesh Regional Centre and School of Law, Dharamshala



Govt. PG College, Nagrota Bagwan

COURSE PROGRAMS



Inaugural Session

Short Term Course on Science of Bhagavad-Gita

19th April 2017
Dairy Science College, Bangalore



One day Training Programme on Holistic Life Skills

25th February 2017. Sri Durga Malleswara Yanduri Ramalingeswara Rao High School
Vijayawada, Andhra Pradesh



Winter School “What is Life?”

26th - 28th January 2017, Ahobilam, Kurnool district, Andhra Pradesh, India



WORKSHOPS

Workshop on "New Science for a Successful Life - Inspirations from Science and Spirituality"

23rd December 2017

Koneru Lakshmaiah College of Engineering, Vijayawada, Andhra Pradesh

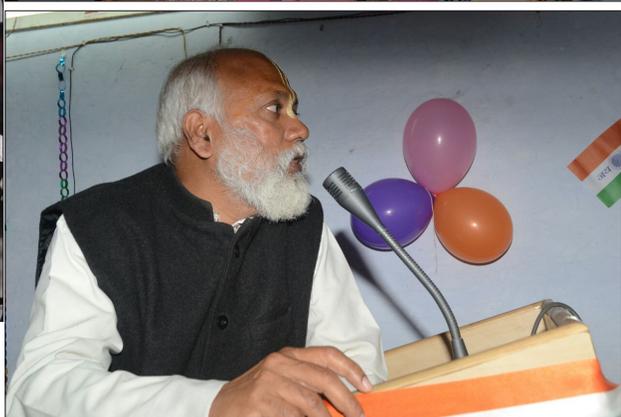




Workshop on "Synthesis of Science and Spirituality"

18th February 2017

Dr. Brij Kishore Homeopathic Medical College and Hospital, Faizabad, Uttar Pradesh







Workshop on
"Time Management"
16th September 2017
Haricharan Reddy at MSR Junior College
Nizamabad, Andhra Pradesh



SCHOOL PROGRAMS



Guru Nanak Public school, Karnal | 8th December. 2017



Lancer Public School, Karnal | 8th December. 2017

FESTIVALS AND SPIRITUAL RETREATS



Trip to Tirupathi with IISER Students



Nabadwip Dham Yatra with IISER Students
& H.H. B. S. Govinda Swami



Janmastami Celebrations with IISER Students

One Day Trip to Sri Madhya ranga Temple, Shivanasamudra with IISc Students on 3rd June 2017 (Below)

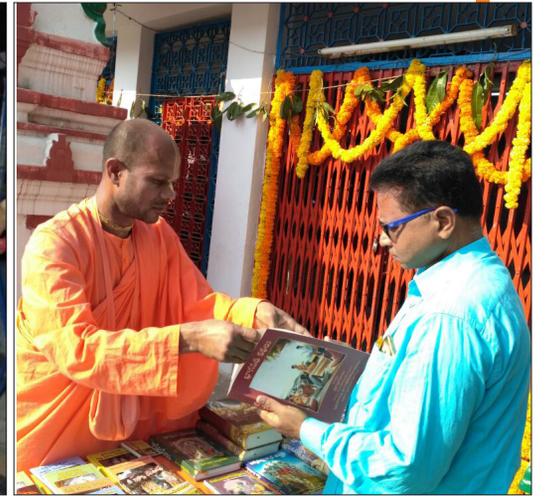




One Day Trip to Melukote & Bindiganavile Temple with IISc Students on 3rd June 2017



Cultural Eve- A Festival of Bliss, Golden Moment Banquet Hall, Karnal on 27th -30th August 2017



Janmastami Celebrations at Bhaktivedanta Institute, Nalgonda, Telangana



'Peace Walk' with chanting of prayers at Nalgonda, Telangana

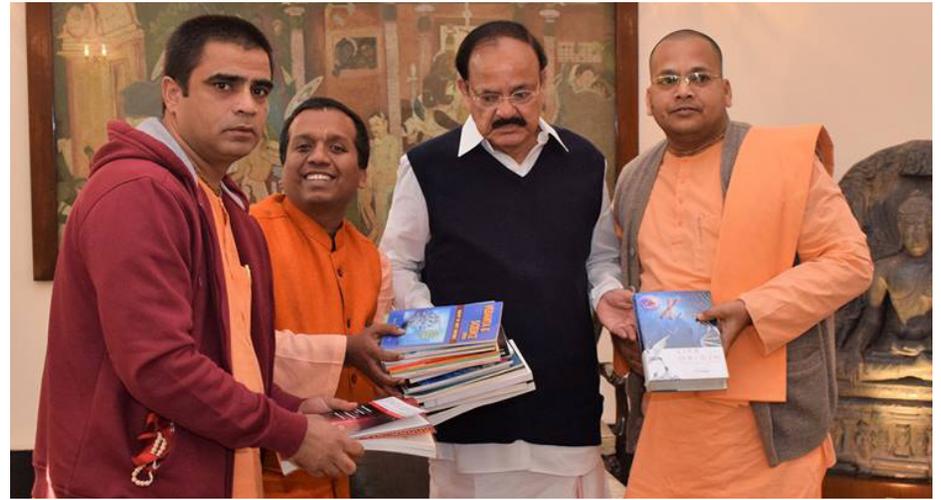


Weekend Sessions on Science of Bhagavad Gita at Bhaktivedanta Institute, Nalgonda, Telangana

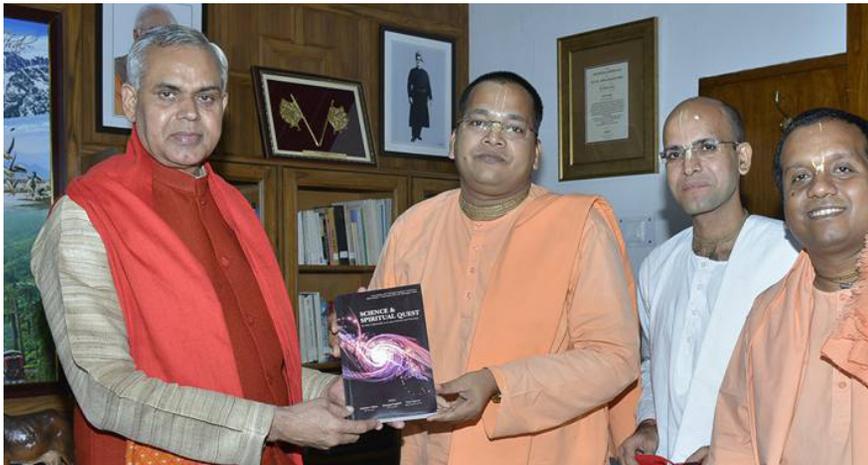
SCIENCE AND SPIRITUALITY BOOKS DISTRIBUTION



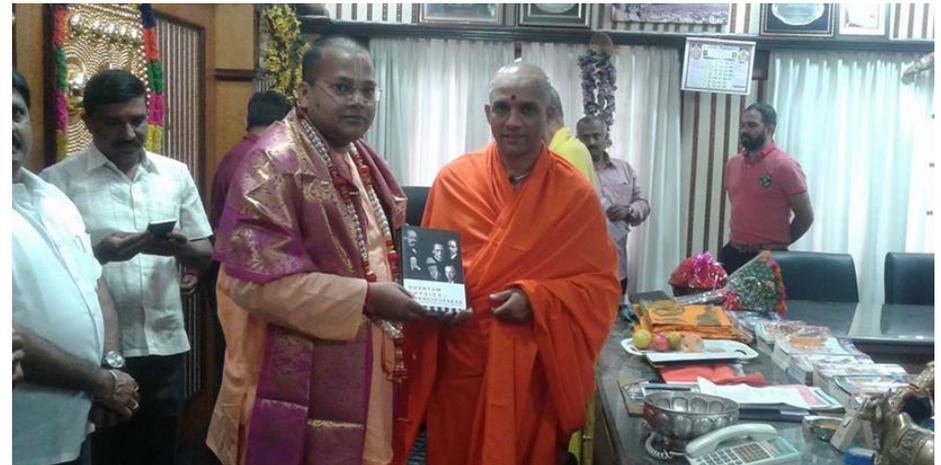
His Holiness The Dalai Lama, Noble Laureate in Peace | 4th November 2017



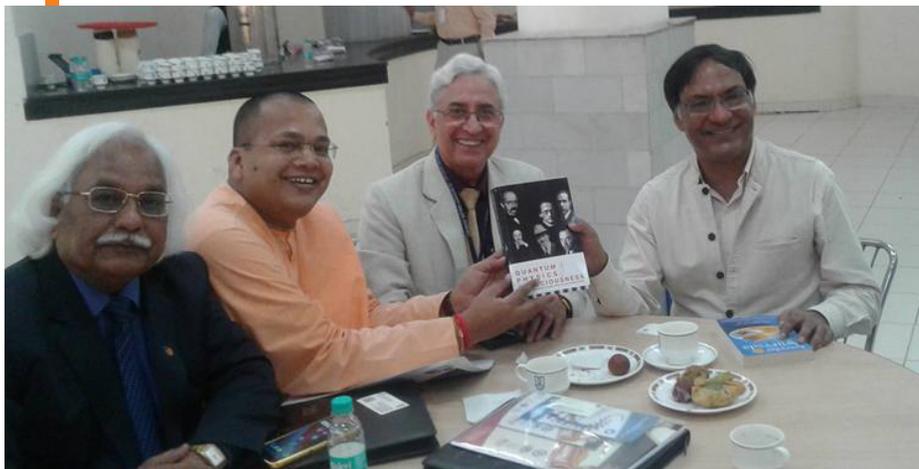
Shri Muppavarapu Venkaiah Naidu, Vice President, India | 30th December 2017



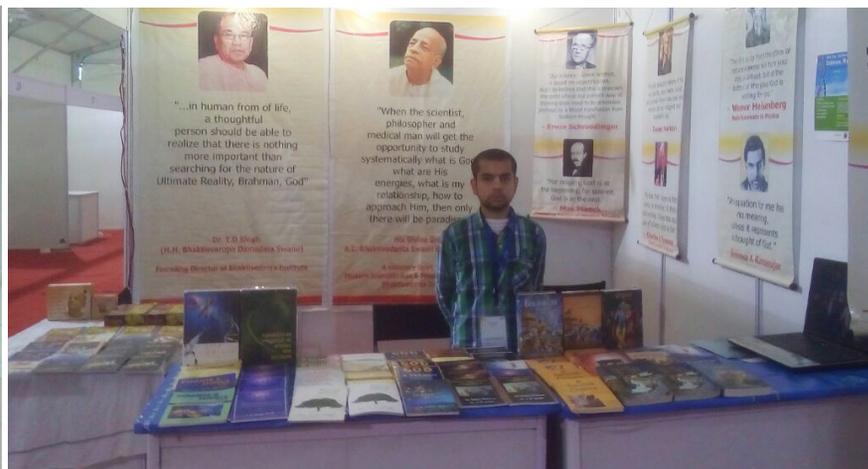
Shri Acharya Dev Vrat, Governor of Himachal Pradesh | 10th September 2017



Shri Nirmalananda Swami , Adichunchungiri | 5th October 2017



Prof Asutosh Sharma, Secretary, DST | 25th August 2017

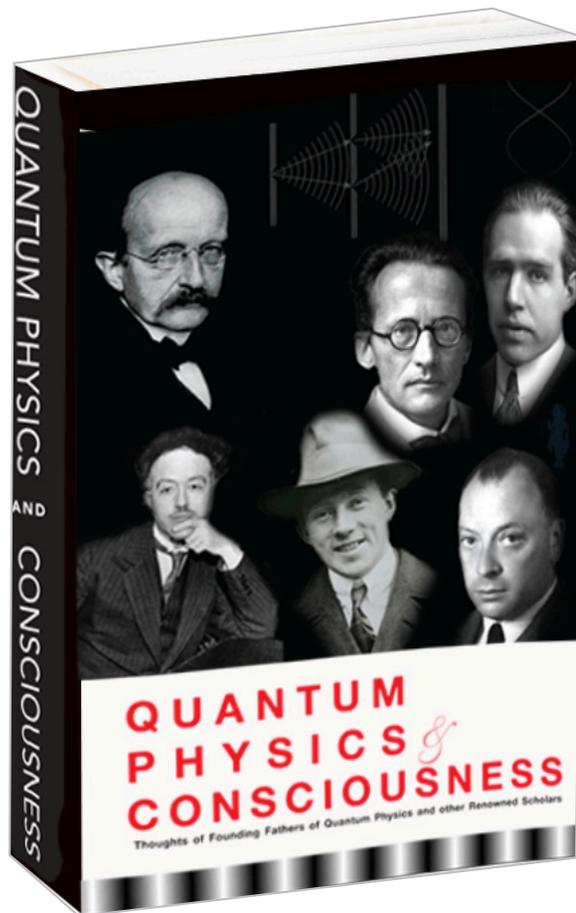


Book Distribution at Karnal | 21st -29th October 2017

(Below) Science and Spirituality Book Distribution at Kurukshetra during International Gita Jayanti festival organized by Haryana Government | 21st- 30th November 2017



NEW PUBLICATIONS



Thoughts of Founding Fathers of Quantum Physics and other Renowned Scholars

21 Contributors including:

Eugene P. Wigner

Nobel Laureate in Physics

Ian J. Thompson

*Lawrence Livermore National
Laboratory, USA*

Amit Goswami

*Center for Quantum Activism,
Eugene, USA*

Anthony J. Leggett

Nobel Laureate in Physics

Alfred Driessen

*Emeritus Professor, University of
Twente, Netherlands*

Antoine Suarez

*Center for Quantum Philosophy,
Zurich*

Robert G. Jahn

Princeton University, USA

Bernard Haisch

*(formerly) University of California,
Berkeley, USA*

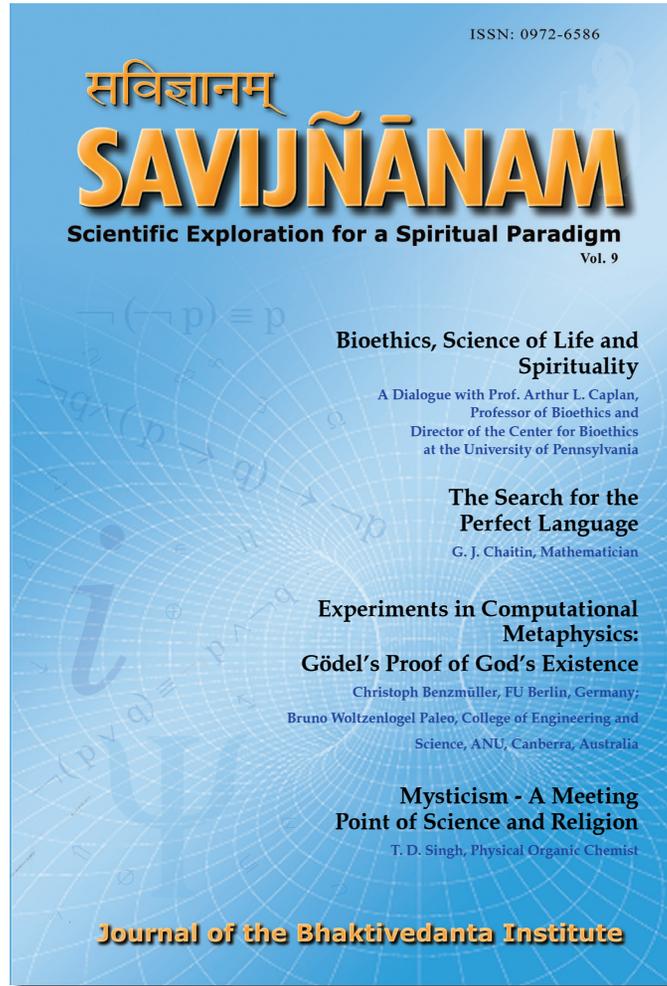
Konstantin Korotkov

ITMO University, Saint Petersburg

SAVIJÑĀNAM (Vol-9)

Scientific Exploration for a Spiritual Paradigm

JOURNAL OF
THE BHAKTIVEDANTA INSTITUTE



Contents:

Bioethics, Science of Life and Spirituality
A Dialogue with Prof. Arthur L. Caplan, Professor of
Bioethics and Director of the Center for Bioethics at
the University of Pennsylvania

The Search for the Perfect Language
G. J. Chaitin, Mathematician, Federal University,
Rio de Janeiro

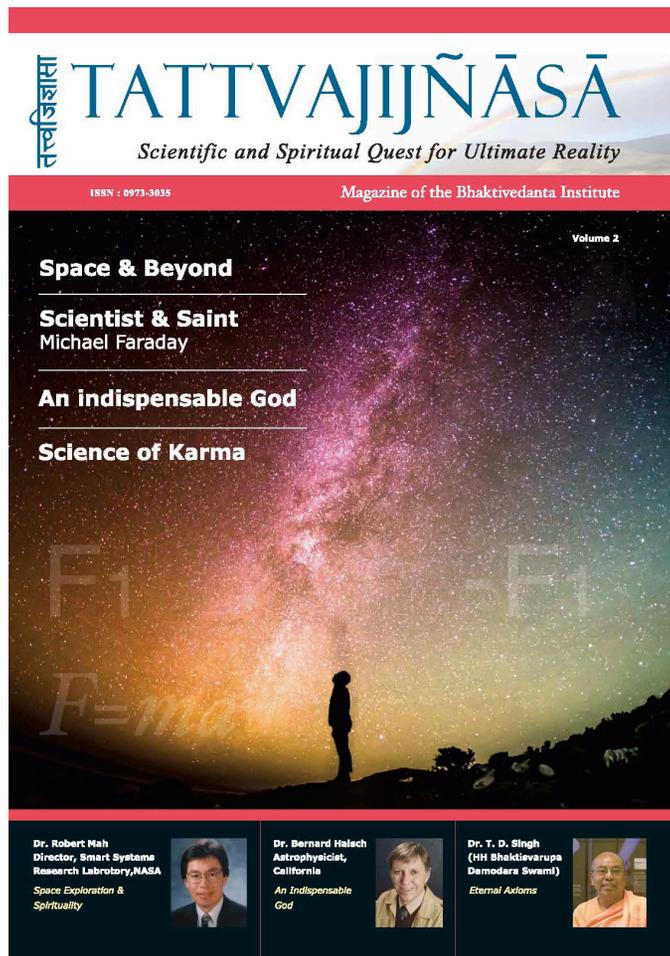
Experiments in Computational Metaphysics:
Gödel's Proof of God's Existence
Christoph Benz Müller, FU Berlin, Germany; Bruno
Woltzenlogel Paleo, College of Engineering and
Science, ANU, Canberra, Australia

Mysticism - A Meeting Point of Science and Religion
T. D. Singh, Physical Organic Chemist, Founder
Director, Bhaktivedanta Institute

TATTVAJIJÑĀSĀ (Vol-2)

Scientific and Spiritual Quest for Ultimate Reality

MAGAZINE OF
THE BHAKTIVEDANTA INSTITUTE



Contents:

Space Exploration and Spirituality

A dialogue between Dr. Robert Mah, Group Lead, Smart Systems Research Laboratory, NASA Ames Research Centre, California and Dr. T. D. Singh, Founder Director, Bhaktivedanta Institute

Michael Faraday – Scientist and A Man of Religion

Ahindra Ghosh, Formerly Professor, IIT Kanpur

Eternal Axioms

Dr. T. D. Singh, Founder Director, Bhaktivedanta Institute

An Indispensable God

Bernard Haisch, Astrophysicist, (formerly) University of California

Science of Karma

Dr. Debashis Khan, IIT (BHU) Varanasi and
Dr. Sandeep Kumar, IIT (BHU) Varanasi

STUDENTS' BIMONTHLY EZINE



आ नी मद्रः कर्तो वस्तु विचारोऽस्यसो अर्पितास उद्दिः । (RgVeda) Let noble thoughts come to us from every side

Science-Spirituality Dialogue Religion is Beyond Rituals



A Discussion between
Charles H. Townes (right),
Nobel Laureate in Physics
and
Dr. T. D. Singh (left),
Physical Organic Chemist,
Founding-Director of
Bhaktivedanta Institute

Dr. T. D. Singh (henceforth TDS): Religion is usually understood in terms of rituals. People think, "I belong to this or that type of religion." But the Vedic tradition discourages the sectarian spirit and puts a strong emphasis on actually knowing the nature of the individual being, the Supreme Self, and the relationship between them. In that way, it is the science of religion. The whole idea of Congresses which we organize is to bring together scholars in the fields of sciences, philosophy, and theology and have them discuss scientific and religious principles in terms of broader concepts, including a closer look into human life and its purpose. I'm suggesting that religious rituals alone should not be regarded as the true principle of religiosity; nor should they be a barrier among people from various cultural and national traditions. Open dialogues about this should benefit all of us.

Professor Charles H. Townes (henceforth CHT): I would generally agree with that. I don't set much importance on the normal kinds of rituals. They are not unimportant, but to me have no absolute significance. I would go further and say that I don't believe our understanding of religion is complete yet, and we must be prepared to learn and change as time goes on.

TDS: Science seems to be acceptable to all the religious communities because its tools and technologies are used by all religious groups whether in India or the United States. Do you think that scientists around the world can create some kind of influence and inspire religious groups to ease or remove the tendency to be fanatic?

CHT: I think science can help. In particular, it can help avoid the absolutism of some fundamentalist religious groups. They think they know what the right answer is, and

INSIDE

On the SHOULDERS OF GIANTS



Rudolf Steiner

VEDANTA and SCIENCE



NEWS BIRDS

Inaugural Session
"Short Term Course on
Science of Bhagavad-Gita"

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आ नी मद्रः कर्तो वस्तु विचारोऽस्यसो अर्पितास उद्दिः । (RgVeda) Let noble thoughts come to us from every side

Science-Spirituality Dialogue 'Importance of Religion in Our Lives'



A Discussion with
Prof. William D. Phillips (right),
Nobel Laureate in physics
and Dr. T. D. Singh (left),
Physical Organic Chemist,
Founding-Director of Bhaktivedanta Institute

T. D. Singh (henceforth TDS): Your involvement in the church is very important – it plays an important role in your life. Is it contributing anything to your scientific ideas?

William D. Phillips (henceforth WDP): Well, I would say it is indirectly helping me. Certainly my relationship to my church gives me a good platform for having a happy life. I really treasure the personal relationships that I have with the people in my church. As you said, if you've got a happy life then it's more likely that you are going to have more creative power than what would otherwise be the case. Church adds to my personal well-being, and certainly helps me to be a better person, and I think a better person can be a better scientist. Also, the teaching of the church – the understanding I have about the way one ought to live – an understanding of what I believe God wants for us: this is something that carries over into the way I do my work, and I think it should be for every person of faith. Their faith, their religious moral principles, should be things that affect the way they do their work. ... I'm grounded in my religious faith; my being part of the church helps to guide me to do the right thing.

TDS: So when you are involved in the deep aspects of scientific research works, do your experiences in the church and in the power and mercy of the Lord help you to act the way that you do?

WDP: Well that's what I'm saying, that it helps me to be the kind of person that I think God wants me to be. Having that support from the church is an important part of my life. ... We talked about the personal relationship with God and the personal relationships with each other. For me, having those personal relationships with

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On the SHOULDERS OF GIANTS



Rājarsi Bhāgyachandra

VEDANTA and SCIENCE



NEWS BIRDS

Conference on
"Science, Religion and
World Peace" held on
4th November 2017

Weekly Quotes

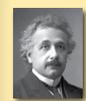
on Science &
Spirituality



"The health of the intelligence and of the affective sense, moral discipline, and spiritual development are just as necessary as the health of the body and the prevention of infectious diseases."

— Alexis Carrel
Nobel Laureate in Physiology or Medicine

To Know about Life, Matter, and their Interactions is called Knowledge



"I believe that a simple and unassuming manner of life is best for every one, best both for the body and for the mind."

— Albert Einstein
Nobel Laureate in Physics

To Know about Life, Matter, and their Interactions is called Knowledge

Weekly Quotes

As the depth of our insight into the wonderful works of God increases, the stronger are our feelings of awe and veneration in contemplating them and in endeavoring to approach their Author.

— Lord Kelvin
Silvanus Phillips Thompson, *The Life of William Thomson, Baron Kelvin of Largs*, Cambridge University Press, 2011, p. 250

Synthesis of
SCIENCE & SPIRITUALITY

Weekly Quotes

I believe that Divine Providence intervened so that by chance I found what I could never obtain by my own efforts. I believe this all the more because I have constantly prayed to God that I might succeed.

— Johannes Kepler
Mysterium cosmographicum (The Sacred Mystery of the Cosmos, 1596)

Synthesis of
SCIENCE & SPIRITUALITY

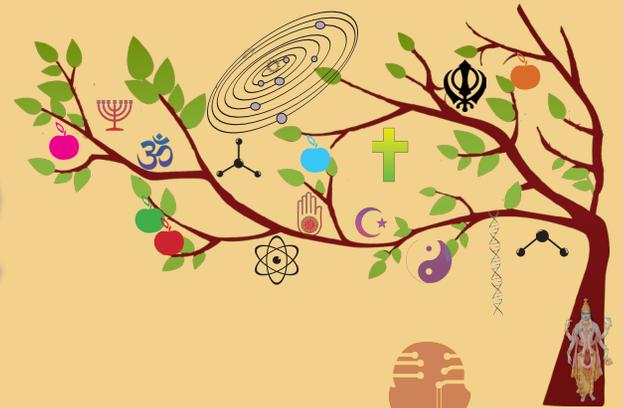
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Eligibility

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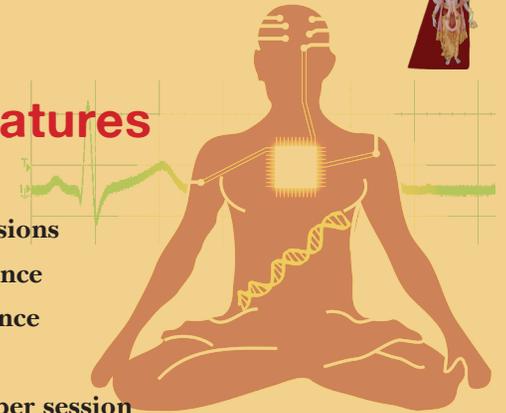
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- Tutorials: Practical Applications of Wholistic Science
- Interactive Sessions: Wholism Based solutions
- Contact Sessions: Ten Alternate Sundays with 4h per session
- Mode of Instruction: Video/Webinar/Live Class at BI's Centres/Affiliated Institutions
- Evaluation: Assignments, Mid Term Exams and End Term Exams



Contact for Application Form & Queries

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IT IS NOT ENOUGH TO KNOW NATURE
EXPERIMENTALLY OR TO BE SKILLED IN
ANALYZING IT MATHEMATICALLY; ABOVE ALL, WE
MUST KNOW OURSELVES... PURELY SCIENTIFIC
INSTRUCTION, WHICH BY ITS VERY NATURE
ABSTRACTS THE DEEP SOURCES OF OUR DESIRE
AND OUR WILL, IS THEREFORE NOT ENOUGH.

— Louis de Broglie,
Nobel Laureate in Physics



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