

“ Knowledge may be destructive;
Enlightenment is always constructive. ”



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 International Conference on Science and Jain Philosophy
 @jainphilosophy



**International Conference
on Science and Jain Philosophy**
January 8-10, 2016 | Venue: IIT Bombay



Noble Mission. **Global Vision.**

Organized by
Bhagawan Mahavira International Research Centre,
Jain Vishva Bharati Institute (Deemed University), Ladnun, Rajasthan, India

Knowledge Partner
Centre for Philosophy and Foundations of Science, New Delhi

In collaboration with
• IIT Bombay
• University of Mumbai
• Somaiya Vidyavihar

“ Knowledge comes
from learning,
wisdom comes
from awakening.”

ORGANIZER

Bhagawan Mahavira International Research Centre (BMIRC)

With a view to integrate science and Jain philosophy and to evolve a scientific approach to understanding of Jain traditions, BMIRC has recently been established at Jain Vishva Bharati Institute (Deemed University), Ladnun, Rajasthan. The Centre has an ambitious plan of promoting research in science and spiritualism and looks forward to collaborate with universities and institutes which would help in realizing the goal of integrating science with principles and practices of Jain philosophy. The Centre is in its infancy but has vast potential for advancing scientific knowledge in spiritual practices.

Jain Vishva Bharati Institute (Deemed University) (JVBI)

The institute, established at Ladnun, Rajasthan (India) 25 years ago, is devoted to holistic education and training. JVBI provides higher education to students together with inculcation of spiritual and moral values in them through various courses of both types - regular and distant education. There are 7 Departments with defined goals of academics. Besides teaching courses, university pursues quality research for Ph. D students. Based on recent evaluations, the university has been categorized as an 'A' grade university by Ministry of Human Resource Development, Government of India and re-accredited with an 'A' grade by National Assessment and Accreditation Council (NAAC).

“ Knowledge precedes conduct.
- Mahavira ”

OBJECTIVE

In spite of the unprecedented advancements in science and technology, the scientists themselves have accepted their limitations with regards to knowledge of ultimate truths. They also agree that the global problems like violence, global warming, disparity etc. have intensified as the consequences of wanton use of technology. On the other hand, the ancient wisdom, manifested in the "darshan" (vision) of the sages and seers, especially the Jain Tirthankars, have deeper vision of ultimate reality which includes Consciousness as well as the physical world. On the basis of this kind of intuitive vision, they have prescribed certain spiritual techniques to mitigate the destructive emotions, giving birth to the problems like violence etc. It is high time, therefore, that integration of science with Jainism should be worked out for evolving a better human society free from the evils like violence etc. In this context, this International Conference on Science and Jain Philosophy has been organized and it is anticipated that deliberations in the conference will bridge the gap in Science and Philosophy through an objective approach with scientific spirit.

It is hoped that as the outcome of this conference, we would be able to pave the way for establishing a non-violent, compassionate, just and ethical society on global scale.

It is found that there is a rich source in the Jain canonical texts for scientific and mathematical research which would go a long way in establishing a peaceful world-order which is free from violence, disparity, injustice and intolerance. The major objective of International Conference on Science and Jain Philosophy is to comprehend the Jain doctrines and practices in the light of present day scientific theories and utilize this comprehensive knowledge in favour of the humanity at large.

TOPICS

1. Microcosmology: Paramanu and Atom
2. Macrocsmology: Universe, Cosmography and Cosmogony
3. Jain Mathematics and its Importance
4. Soul and Consciousness
5. Relativism and Jain Logic
6. Laws of Nature and Karma Theory
7. Environment and Ecology
8. Science, Society and Ethics
9. Science and Spirituality

HIGHLIGHTS

Experimental Workshop

Impact of Lifestyle Intervention, Preksha Meditation & Yoga in achieving Holistic Health.

Round Table

Developing Scientific-cum-Spiritual Technique for inculcation of Moral Values and Development of EQ in Global Education Curriculum.

Young Researchers' Program

A special session to give an opportunity to young minds to articulate their thoughts and opinions on Modern Science and Jain Philosophy.

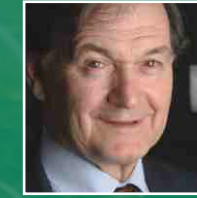
Panel Discussions

1. International and National Collaboration for Integrating Jainism and Science.
2. Research Problems and Academic Curriculum in Science & Jain Philosophy.

Poster Presentations

An opportunity of one to one interaction with scientists and scholars.

DIGNITARIES



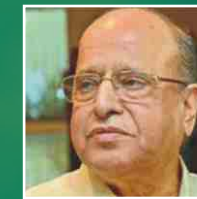
Sir Roger Penrose OM FRS
Recipient of Albert Einstein Medal
& Co - Scientist of Stephen Hawking



Padma Bhushan
Justice Dalveer Bhandari
Member, International Court of Justice



Prof. Muni Mahendra Kumar
Emeritus Professor, JVBI
Agam Manishi



Padma Vibhushan
Dr. K. Kasturirangan
Former Chairman ISRO



Padma Shri
A. S. Kiran Kumar
Chairman ISRO

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Name	Affiliation	Place
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Dr. Jeffrey D. Long	Elizabethtown College	Pennsylvania
Dr. M. K. Jain	University of Delaware	Newark
Dr. Rudi Jansma	Theosophical Study Center	Netherlands
Prof. Kazuyuki Akasaka	Kyoto Prefectural University	Japan
Prof. Kim Skoog	University of Guam	Gaum
Dr. Nalini Balbir	University of Paris	France
Prof. Subhash Jain	The University of Iowa	USA
Dr. Luitgard Soni	The University of Marburg	Austria
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Prof. Dr. Robert J. Zydenbos	Institute of Indology and Tibetology	Germany
Prof. Thomas Daffern	Director, International Institute of Peace Studies and Global Philosophy	UK

“ We know only the relative truth,
absolute truth is known to
Universal Observer.- Einstein ”

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Dr. Vijay Khole	Vice-Chancellor, Amity University	Mumbai

DISTINGUISHED SPEAKERS - INDIA

Name	Affiliation	City
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Padma Shri Dr. S. C. Manchanda	Former Head & Prof., Department of Cardiology, AIIMS	New Delhi
Mr. Rajiv Mehrotra	Trustee and Secretary, Foundation for Universal Responsibility of HH Dalai Lama	Delhi
Prof. P. S. Sriramamurti	Advisor, Centre for Consciousness Studies, Dayalbagh Educational Institute	Agra
Prof. Pankaj Joshi	Sr. Prof., Tata Institute of Fundamental Research	Mumbai
Muni Shri Nandighoshuri	A renowned Jain monk	Mumbai
Dr. Sudhir V. Shah	Professor and Head of Department of Neurology, Sheth V. S. General Hospital	Ahmedabad
Dr. Sangeetha Menon	National Institute of Advanced Studies, Indian Institute of Science	Bangalore
Dr. P. S. Thakker	Former Scientist, ISRO	Ahmedabad
Dr. Sisir Roy	T.V. Raman Pai Chair, Visiting Professor, National Institute of Advanced Studies, IIS Campus	Bengaluru
Dr. Chakravarthi Nainar Devakumar	International Expert, UN/FAO TCDC (Technical Cooperation among Developing Countries)	Delhi
Dr. Sudhir R. Jain	Scientific Officer "h", Nuclear Physics Div, Bhabha Atomic Research Centre,	Mumbai
Dr. N. L. Kachhara	Former Principal, Motilal Nehru Regional Engineering College	Udaipur
Dr. Narendra Bhandari	Senior Scientist, Space Research, PLANEX, Physical Research Laboratory	Ahmedabad
Prof. M. P. Tiwari	Head, Law Dept., ADC, Allahabad Central University	Allahabad
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Dr. Muni Abhijit Kumar	Research Scholar, Jain Vishva Bharati Institute	Ladnun
Dr. Pratap Sanchetee	Neurologist, Sanchetee Neurology Research Institute, Jaipur	Rajasthan
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Dr. Arvind Jain	Senior Professor, Dr. S. N. Medical College	Jaipur
Dr. Shailesh Mehta	Netradeep Eye Hospital	Baroda
Mr. Dipak Jadhav	Lecturer in Mathematics	Indore

PROGRAMME

Time	Particulars	Parallel Sessions
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8th January, 2016 FRIDAY

8:00-9:30	Registration and Breakfast	
10:00-11:30	Inauguration	
11:30-12:15	Convocation Tea	
12:15-13:55	Technical Session 1: Relativism and Jain Logic	Young Researchers' Session 1
13:55-14:45	Lunch	
14:45-16:35	Technical Session 2: Soul and Consciousness	Young Researchers' Session 2
16:35-17:05	Tea Supper*	
17:05-19:00	Panel Discussion 1: International and National collaboration for integrating Jainism and Science	Technical Session 3: Relevance of Jainism in Modern Times
19:00-20:30	Documentary	
20:30 onwards	Dinner	

9th January, 2016 SATURDAY

8:30-9:30	Registration and Breakfast	
9:30-11:10	Technical Session 4A: Science, Society and Ethics	Technical Session 4B: Laws of Nature and Karma Theory
11:10-11:40	Tea and Poster Presentation (I)	
11:40-13:10	Experimental Workshop 1: Impact of Lifestyle intervention, Preksha Meditation & Yoga in achieving holistic health	Technical Session 5: Macrocosmology: Universe, Cosmography, Cosmogony
13:10-14:10	Lunch	
14:10-15:40	Technical Session 6: Environment and Ecology	Experimental Workshop 2
15:40-17:20	Technical Session 7: Science and Spirituality	
17:20-17:50	Tea Supper*	
17:50-19:20	Panel Discussion 2: Research problems and academic curriculum in Science and Jain Philosophy	
19:20-20:50	Cultural Programme	
20:50 onwards	Dinner	

10th January, 2016 SUNDAY

8:30-9:30	Registration and Breakfast	
9:30-11:40	Round Table: Developing scientific-cum-spiritual technique for inculcation of moral values and development of EQ in global education curriculum.	Technical Session 8: Jain Mathematics and its importance
11:40-12:00	Tea & Poster Presentation (II)	
12:00-13:50	Technical Session 9A: Microcosmology: Paramanu and Atom	Technical Session 9B: Jain Culture, Literature and Science
13:50-14:50	Lunch	
15:00-17:00	Valedictory Function	
17:00-17:30	High Tea	
17:30	Close	

* Facility of food before sunset will also be available.

COMMITTEES

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“Add life to years
instead of
adding years to life.”

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Dr. S. P. Jain, Director Dr. Kokila Shah

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“Light a candle instead of
cursing the darkness.”

Contribution

Voluntary contributions towards educational activities of JVBI are eligible for tax benefits @ 100% under Section 80G of the Income Tax Act, 1961. The cheque should be drawn in favour of JAIN VISHVA BHARATI INSTITUTE A/C INTERNATIONAL CONFERENCE ON SCIENCE AND JAIN PHILOSOPHY.



International Conference on Science and Jain Philosophy

Date : 8 - 10 January, 2016

Venue : Indian Institute Of Technology Bombay, Powai, Mumbai



Organized By
Bhagawan Mahavira International Research Centre
Jain Vishva Bharati Institute (Deemed University), Ladnun, Rajasthan, India



In Collaboration With
Indian Institute Of Technology Bombay
& University Of Mumbai

THEME : AVENUES OF SCIENTIFIC RESEARCH IN JAIN PHILOSOPHY

SUB - THEMES

1. Microcosmology : Parmanu and Atom
2. Macrocosmology : Universe & Cosmography
3. Jain Mathematics and Its Importance
4. Soul and Consciousness
5. Relativity and Jain Logic
6. Laws of Nature and Karma Theory
7. Environment, Ecology and Ethics

IMPORTANT DATES

Registration:
Early Bird : Upto November 30, 2015
Late : Upto December 31, 2015

Abstract Submission: Upto November 15, 2015

AWARDS

- ICSJP Young Scientist Award
- ICSJP Best Oral Presentation Award
- ICSJP Best Poster Award
- ICSJP Student Travel Award
- And Many More.....

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“ Knowledge may be destructive,
Enlightenment is always constructive.”



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International Conference
on Science and Jain Philosophy

1st Announcement



International Conference
on Science and Jain Philosophy
January 8-10, 2016



Noble Mission. **Global Vision.**

Organized by
Program Director, International Science Centre,
Jain Institute of Technology, Sarvodaya, Lakshmi, Bangalore, India

In collaboration with
Jain Institute of Technology, Mumbai and University of Mumbai

Venue:
Jain Institute of Technology, Mumbai,
Pune, India

Sponsorship/Partner:
Jain Institute of Technology and University of Mumbai,
Jain Centre

“ Knowledge precedes conduct.
- Mahavira ”

Preamble

Recent advancements in science and technology have, no doubt, made unprecedented impact in shaping the society. Discoveries in science, particularly during the past 400 years, since the inception of scientific methodology have considerably enhanced our understanding of the basic nature of micro and macro cosmos and the subtle phenomena of life and as a result, a scientific temper has emerged among people who tend to rely solely on logic and rationality. However, a critical examination of our scientific progress shows its limitations in understanding the real truth. The roots of philosophy or rather 'darshan', on the other hand, date back to thousands of years. The ancient philosophical literature not only contains a rich source of knowledge regarding the secrets of nature but also furnishes us with the 'wisdom' needed to bring a balance in our view of the world. Spiritual masters, sages and seers, especially Tirthankars of Jain philosophy, have contributed significantly in understanding the deeper aspects of consciousness and propounded principles for building a progressive, inclusive and peaceful society. On the basis of their spiritual experiments, they have suggested a complete course of spiritual sadhana, through which human consciousness can be fully developed. During the past century, many eminent scientists such as Albert Einstein, Werner Heisenberg, George Wald, David Bohm, Fritz Capra, Gary Zukav, George Sudarshan and many others have emphasized the need for interaction between science and philosophy, particularly the ancient darshan of the Orient.

This International Conference aims to integrate science and Jainism (Jain darshan and Jain spiritual practices) with a view to enhance awareness of the scientific aspects of Jainism and disseminate them for evolving a better human society. It is anticipated that deliberations in the conference would bridge the gap in knowledge between science and philosophy through sharing of thoughts and open discussions without prejudice or bias by the scientists, philosophers or the scholars, who are engaged in the pursuit of the search for truth. Eminent scientists, philosophers, academicians, educationalists, thinkers and scholars of both the occidental and the oriental philosophies as well as those of the philosophy of science are invited to churn out and crystallize thoughts to set a direction for developing a non-violent, compassionate, just and an ethical society which now a days is predominantly controlled by excessive application of materialism. There is a need for joint effort by the scientists and the philosophers to integrate the ancient wisdom and modern technology to develop an efficient system of education for creating a "smart" but enlightened society.



“ Knowledge comes
from learning,
wisdom comes
from awakening. ”

Objectives

The major objective of the conference is to comprehend Jain concepts, teachings and practices and evaluate them in light of scientific theories to present a global perspective. It appears prudent to correlate Jain principles with the laws of modern sciences such as physics, chemistry, biology, medical and health sciences. The scientific and mathematical data found in the Jain canonical texts is a rich source for researchers engaged in understanding the mysteries of life and the world. It is essential to establish a continuing healthy dialogue between scholars of ancient wisdom and modern science. The conference is expected to open up new avenues of research for gaining deeper insight into Jain philosophy and traditions. It is hoped that presentations and deliberations on Jain doctrines would foster establishing a peaceful world that is free from violence, disparity, injustice and the like. The present era of science demands validation of ancient practices and thoughts for greater acceptability in the society. Several renowned scientists, academicians, scholars and philosophers from across the world are expected to participate, deliberate and share their views which will help in creating greater awareness and evoke a deeper understanding of the science inherent in Jainism.

“To be inspired is great,
to inspire is incredible.”

Organizer

Bhagawan Mahavira International Research Centre (BMIRC)

With a view to integrate science and Jain philosophy and to evolve a scientific approach to understanding of Jain traditions, BMIRC has recently been established at Jain Vishva Bharati Institute (Deemed University), Ladnun, Rajasthan. The Centre has an ambitious plan of promoting research in science and spirituality and looks forward to collaborate with universities and institutes which would help in realizing the goal of integrating science with principles and practices of Jain philosophy. The Centre is in its infancy but has vast potential for advancing scientific knowledge in spiritual practices.

Jain Vishva Bharati Institute (Deemed University) (JVBI)

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Venue: IIT Bombay

Indian Institute of Technology Bombay has emerged as a leader in the field of engineering and technology education and research world over. It was established in 1958. In 1961, the Indian Parliament decreed the IITs as 'Institutes of National Importance' and since then, IITB has grown from strength to strength and has found place among the top technical institutes in the world. Department of Humanities and Social Sciences of IIT Bombay is the official collaborator of BMIRC for organizing the Conference.

About Mumbai

(Formerly known as Bombay)

Situated on the West coast of India, in the state of Maharashtra, lies the sprawling cosmopolitan island city of Mumbai which is home to over 20 million people. Mumbai boasts of internationally renowned educational institutions of higher education and institutes of Science and Technology the finest of them being Indian Institute of Technology Bombay (IITB), Veerata Jajabi Technological Institute (VJI), Tata Institute of Fundamental Research (TIFR), Bhabha Atomic Research Centre (BARC), Institute of Chemical Technology (ICT), Central Institute of Fisheries Education (CIFE), Tata Institute of Social Sciences (TISS), Tata Memorial Hospital (TMH), Advanced Center of Treatment, Research, Education in Cancer (ACTREC), International Institute for Population Sciences (IIPS) and many more.

The "Beautiful Bay" city is well known for its colonial architecture, ancient temples and cultural centers making it a favourite tourist destination. The people of Mumbai are known for their warm hospitality and friendly behaviour. Many star hotels dot the city. The climate is very pleasant in January and the temperature ranges around 25°C.



“ We know only the relative truth,
absolute truth is known to
Universal Observer.- Einstein ”

Registration

For participation and presentation of papers/posters, registration can be done online. More details can be obtained by visiting the conference website: www.icsjp.org

*Registration fee includes conference kit, abstract book, breakfasts and meals during the conference.

Registration Fee*		
Category	Before	Upto
	Nov. 30, 2015	Dec. 31, 2015
Overseas Delegates		
Delegates	USD 250	USD 300
Students	USD 150	USD 200
Accompanying Person	USD 100	USD 150
Participants from India		
Delegates	INR 2500	INR 3000
Ph.D. Students and Research Fellows	INR 1500	INR 2500
UG and PG Students	INR 1000	INR 1500
Accompanying person	INR 2000	INR 3000

Registration of spouses will be required. (1) One-day registration will be available (Indian: INR 1500, Foreigner: USD 100).

(2) Spot registration will be available at enhanced rate.

Call for papers

Papers are invited on the following themes and content has to be broadly in tune with the theme of the Conference:

1. Physical order of existence: Importance/significance in Jain metaphysics.
2. Non-physical order of existence: Concept of soul in Jain metaphysics and concept of consciousness in modern science.
3. Jain mathematics in context of modern mathematics.
4. Ancient and modern cosmology, cosmogony and cosmography.
5. Space, Time, Relativity and Universe.
6. Jain ethics including non-violence, self-discipline and its relevance in the present scenario (Ecology, Environmental Science and Social Science, etc.)
7. Vegetarianism and Health.
8. Jain principle of interdependence and multi-faceted characteristic of nature and modern physics.
9. Application of philosophical doctrines for evolving better relations in life (Individual, Familial, Social, National and International).
10. Biological laws of nature and karma.
11. Limitations of current knowledge and Jain logic.
12. Effect of spiritual practices on human mind and brain.

Speakers are requested to prepare a manuscript of their talk for publication in the Proceedings of the Conference. The manuscript may be limited to 8-10 typed pages (~4000 words) in ready camera form. The manuscript is required to be submitted before the conference and it can be sent as an attachment in the e-mail (pdfword version). A brief bio-data (~ 100 words) of the authors together with their passport size photograph will be required. The names of the authors with indication of the presenting author and affiliation must be mentioned. Complete details of corresponding author e.g. Affiliation, Email, Fax and Telephone numbers should be given. The manuscript is required to be submitted in the format as indicated below.

Title of paper – font size 14, followed by authors' names and affiliation, **Content**-font size 12, using font type **Times New Roman**.

The organization of the manuscript can be under the following headings:

Abstract (250 words), Introduction, Methods, Results/Idea/Thought, Discussion, Conclusion, Acknowledgement (if any), References. The Publication Committee will correspond with the corresponding author if required.

Speakers are requested to submit their manuscripts preferably by email before December 20, 2015 to:

Director, International Conference on Science and Jain Philosophy
BX-01, Woodland, H8, Indian Institute of Technology Bombay, Powai,
Mumbai-400 075.

E-mail: info@icsjp.org

Abstracts

- Abstract of about 250 words may be submitted online (info@icajp.org) on or before **November 15, 2015**. Submission will start from September 05, 2015.
- After submission of the abstract, the author will be allotted a submission number which should be referred to for all further communications.
- Authors will be able to access and carry out corrections of their abstracts before a particular date which will be announced in due course.
- The authors will be intimated about acceptance of their abstracts before **November 20, 2015**.

Young Researchers Program

- There will be a Young Researchers Program.
- Abstracts received by **November 15, 2015** will be evaluated by the Committee and outstanding abstracts will be considered for Travel Fellowships/Registration fee waivers.
- Selected student delegates will be awarded Travel fellowships/Registration fee waiver and free accommodation.
- Registration before **November 15, 2015** for this category is compulsory.
- Registration fee waiver, if granted, will be refunded during the conference.
- Travel: Invited Speakers will be provided air/train travel support as applicable. Air travel support will mostly be economy class, round trip, through the shortest route. Each speaker will be suitably informed of the support provided and other details.
- Limited funds are available for travel fellowship. The participants desirous of travel grant may apply on the proforma available on the website. Travel fellowships to the selected student delegates will also be awarded during the conference.

Accommodation

Delegates are requested to indicate whether they would like to stay in the accommodation provided by the Organizers or would book their own accommodation. Mumbai has got many five star hotels and a list of some of the hotels is available on the conference website.

- Invited speakers will be provided accommodation in Guest Houses of IIT and Mumbai University and nearby hotels. They are requested to indicate their preference.
- Student participants will be provided accommodation in hostels of Mumbai University and IIT Bombay.
- Delegates are requested to ensure accommodation confirmation before the commencement of the conference.

Travel

- Invited Speakers will be provided air/train travel support as indicated in the invitation letter. Air travel support will mostly be economy class, round the trip by the shortest route. Each speaker will be suitably informed of the support provided and other details.
- Invited speakers will be picked from airport if travel plans informed as far as possible but in case of delayed flights/late train arrivals or other exigencies, they are requested to take pre-paid taxi and the amount paid will be reimbursed on submission of the receipt.
- Limited funds are available for travel. Delegates presenting papers and if desirous of seeking travel support should write to Chairman of the Conference (chairman@icajp.org) before **November 15, 2015**.
- Award of the travel support will be intimated well in advance but prior to **November 20, 2015**.
- Local transport from the place of stay to IIT (the venue of the conference) will be arranged by the Organizers.
- Conveners of Travel Committee (watch information page) will be available on mobile for assistance if needed.



“ Add life to years
instead of adding
years to life. ”

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“ Light a candle instead of
cursing the darkness. ”

Contribution

Voluntary contributions towards educational activities of JVBI are eligible for tax benefits @ 100% under Section 80G of the Income Tax Act, 1961. The cheque should be drawn in favour of JAIN VISHVA BHARATI INSTITUTE A/C INTERNATIONAL CONFERENCE ON SCIENCE AND JAIN PHILOSOPHY.