



Giridhari Lal Pandit 1,2,3,4,5

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2 Institut fuer Philosophie, Freie Universitaet Berlin, 14195 Berlin, Germany

**3 Institut fuer Theoretische Physik, Fakultaet Physik und Astronomie, Universitaet
Heidelberg, 69117 Heidelberg, Germany**

4 Institute for Social and Economic Change, Centre for Ecological Economics and Natural Resources, Bangalore 560072, India

5 International Ernst Cassirer-Gesellschaft, Philosophisches Seminar der Universität Hamburg, 22297 Hamburg, Germany

EDUCATION/JOBS/RESEARCH/PEER-REVIEWED PUBLICATIONS

Selected CV/Biographical Sketch

Visiting Professor (<http://isec.ac.in/giridharilal-pandit.htm>)

Institut for Social and Economic Change: ISEC/www.isec.ac.in: CEENR

<http://isec.ac.in/ecology.htm#>

Dr.V.K.R.V. Rao Road, Nagarabhavi, Bangalore – 560072, India

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Email: pgiridharilal@yahoo.com

Curriculum Vitae

Date of Birth: 27- 05 -1945; **Place of Birth:** Anantnag, Kaschmir Valley, Jammu & Kashmir (India).

LANGUAGES:

Excellence in English:

Original thinking, reading, speaking, comprehending and writing;

Excellence in German:

Reading, writing, speaking and comprehending;

Competence in French: in speaking, comprehending and reading;

Mother Tongue: **Kaschmiri** [spoken language in Kashmir Valley, Jammu & Kaschmir, India].

Reasonably good command in: **Hindi/Bengali/Urdu**

EDUCATION/CAREER PATH AND RESEARCH COLLABORATION:

1959-1972: EDUCATION AT A GLANCE

1972: Ph. D., The Central University of Viswa-Bharati, Santiniketan, Bolpur: Birbhum District, West Bengal, India, founded in 1921 by the poet-seer Nobel Laureate Gurudev Rabindranath Tagore; the **Ph. D thesis** “Language and Factual Significance, With Reference to Logical Empiricism: A study in *Physical Theory, Structure and Meaning*”, written during **1966-1971** within the analytical tradition of the twentieth century Philosophy and Methodology of science, focuses on *Problems of Structure and meaning* with reference to the work of the most leading philosophers of science, notably the logical positivists Rudolf Carnap, Moritz Schlick and Carl Hempel, critical rationalist Karl R. Popper and epistemological anarchist Paul Feyerabend (unpublished).

1963-1965: Pandit was awarded the “**Dr. Cameron Devi Dayal Misra Gold Medal**” by the University of Lucknow, Department of Philosophy & Psychology, Uttar Pradesh (India) in recognition of his earning the M. A. Degree in Philosophy with distinction.

1961-1963: Earned B.A Degree., Kashmir University, Srinagar India: **With** Economics, Ethics, Philosophy, Psychology, English Literature, Hindi.

1959-1961: Successfully completed **11th—12th Class** at the Government Intermediate College Anantnag, Kashmir University, Srinagar, Jammu & Kashmir, India: **With** Economics, Mathematics, English, Hindi, Sanskrit.

1959: Successfully completed the School Final at the Government High School Doru, Anantnag, Kashmir University, Srinagar, India: **with** Mathematics, History, Geography, English, Hindi, Sanskrit

Born on 27th May **1945** in the village Saelia (**Saely**, in Kaschmiri), near the ancient town Martand (or Mattan) Anantnag, South of Kashmir Valley, Giridhari Lal Pandit received his school education (1949-1959) at the Government High School Doru, Anantnag, Kashmir University, Srinagar, studying Mathematics, Sanskrit, History, Geography and Hindi. At the Government Intermediate College Anantnag, Kashmir University, Srinagar (1959-1961), he studied Mathematics, Economics, English Literature, Hindi and Sanskrit. He then studied Economics, Philosophy, Psychology, Ethics, Hindi and English Literature at the Government Sri Pratap Degree College Srinagar, Kashmir (1961-1963), earning a B. A. Degree in 1963. In July 1963, Giridhari Lal Pandit was admitted by the University of Lucknow, in the state of Uttar Pradesh, as a student of M.A. (Philosophy) in the Department of Philosophy and Psychology, where he studied both philosophy and psychology (including abnormal psychology).

In **1965**, Pandit was awarded “Dr. Cameron Devi Dayal Misra Gold Medal” by the University of Lucknow in recognition of his earning of the M. A. Degree in Philosophy with *distinction*, securing the First Position in order of merit. In November 1965, Pandit was awarded a Doctoral Fellowship at the Central University of Visva-Bharati, Santiniketan, Bolpur, West Bengal, the world-famous university *founded* by the poet-seer Nobel Laureate Rabindranath Tagore in 1921. In 1972, Visva- Bharati awarded Pandit the Ph. D degree in Philosophy: Philosophy of Science, at its Annual Convocation that was presided over by the then Prime Minister of India Mrs. Indira Gandhi in her capacity as the Chancellor of the University, herself being a former student of Visva Bharati during the time of Rabindranath Tagore.

In August **1969**, Pandit was appointed by the University of Delhi as Assistant Professor in Philosophy at its prestigious St. Stephen’s College. Following an offer from the Central University of Visva-Bharati in 1971, he left the University of Delhi to join University of Visva-Bharati as Assistant Professor in Philosophy in March 1971. In 1973, the University of Delhi offered Giridhari Lal Pandit a teaching position in the Department of Philosophy, Faculty of Arts and Humanities. In July 1974, Pandit finally joined that Department as

Assistant Professor in Philosophy. In 1980, Giridhari Lal Pandit was appointed as Associate Professor in **Philosophy of Science and Philosophical Methodology** at the University of Delhi in the said Department. In January 1988, Giridhari Lal Pandit was appointed as **Professor of Philosophy** by the University of Delhi at its **South Campus**, in the Department of Philosophy against a regular sanctioned post of Professor. Giridhari Lal Pandit held this position until **May 2010**.

Beginning **1985**, Giridhari Lal Pandit was awarded a Post-Doctoral Fellowship: (**1986-1987**) by the Alexander von Humboldt-Stiftung, Bonn, Germany, for doing research in the Philosophy of the Sciences (Wissenschaftstheorie) at the Freie Universitaet Berlin (then West Berlin) and Ruprecht-Karls-Universitaet Heidelberg, with Prof. Dr. Lorenz Krueger and Prof. Dr. Erhard Scheibe as his Humboldt Host Professors, *respectively*. Since the year 1985 Pandit has been in active research collaboration with the German colleagues in different disciplines at many Universities, particularly the University of Heidelberg, the Technische Universitaet Berlin and the Freie Universitaet Berlin. Moreover, he has been regularly invited by the leading Universities in Germany, Austria, France and Netherlands, actively participating in the international scientific events in Europe: notably by the University of Poitiers, France (SS 1995) and the University of Vienna, Austria (SS 1996).

Full C. V of Giridhari Lal Pandit

1969-2010: Courses of Study Taught

1969-1971/1974-2010: COURSES TAUGHT AT THE UNIVERSITY OF DELHI: M.A. & M. Phil Programme (1969-1971/1974-2010):

P. Duhem's Methodology and philosophy of science; Philosophy of mind; Philosophy of language/Chomsky/Ernst Cassirer/Quine/logical empiricism/logical atomism/Introduction to logical theory/theory of knowledge (Karl Popper)/Ludwig Wittgenstein: *Philosophical Investigations & Tractatus Logico-Philosophicus*/Leibniz/Descartes/Hegel; Moral Significance, Culture and Environment; Modern Western Philosophy, among others, Max Weber; Methodology of Social Sciences, Peter Winch: *Idea of a Social Science*; Homans: Nature of Social Explanation; ... among other topics.

1971 – 1974: COURSES TAUGHT AT THE UNIVERSITY OF VISVA-BHARATI (1971 – 1974): M. A. and B. A (Hons) Programme: Descartes: *Regules pour la Direction de L'Esprit & Discourse on Method* / Plato: *Theaetetus*/ Berkeley: *Principles of Human Knowledge*/Contemporary moral philosophy/Philosophy of science; Karl Popper: *The Logic of Scientific Discovery* / Theory of knowledge, among other courses in Western Philosophy, Ethics.

1965-2012: Research Fellowships/Academic Positions Held

NOVEMBER 1965 -JANUARY 1969: DOCTORAL RESEARCH FELLOW, CENTER OF ADVANCED STUDY IN PHILOSOPHY: VISVA-BHARATI, SANTINIKETAN, Bolpur, Birbhum: WEST BENGAL.

AUGUST 1969 - JULY 1970: ASSISTANT PROFESSOR in PHILOSOPHY AT THE ST. STEPHEN'S COLLEGE, DELHI UNIVERSITY.

SEPTEMBER 1970 - FEBRUARY 1971: ASSISTANT PROFESSOR IN PHILOSOPHY, INSTITUTE OF POST-GRADUATE (E) STUDIES, ARTS FACULTY, DELHI UNIVERSITY.

MARCH 1971 - 14 JULY 1974: ASSISTANT PROFESSOR IN PHILOSOPHY AT THE CENTER OF ADVANCED STUDY IN PHILOSOPHY (under the UGC), VISVA-BHARATI, SANTINIKETAN, WEST BENGAL.

15 JULY 1974 - SEPTEMBER 1980: ASSISTANT PROFESSOR IN PHILOSOPHY IN THE DEPARTMENT OF PHILOSOPHY, DELHI UNIVERSITY.

OCTOBER 1980 - DECEMBER 1987: ASSOCIATE PROFESSOR IN PHILOSOPHY OF SCIENCE & PHILOSOPHICAL METHODOLOGY IN THE DEPARTMENT OF PHILOSOPHY, DELHI UNIVERSITY.

JANUARY 1988 – 31st May 2010: PROFESSOR OF PHILOSOPHY (with specialization in Philosophy and Methodology of Science and Philosophy of Ecology and Ecological Economics) AT UNIVERSITY of DELHI SOUTH CAMPUS: Department of Philosophy, AGAINST A SUBSTANTIVE POST OF PROFESSOR.

May 2012- Joined as Visiting Professor at the Centre for Ecological Economics & Natural Resources (CEENR): Institute of Social and Economic Change (Isec), Bangalore, India.

1985-2004: Invited Visiting Assignments (Teaching/Research): Europe and South East Asia

A BRIEF STATEMENT OF SEMINARS HELD & LECTURES DELIVERED/ COURSES TAUGHT AT DIFFERENT UNIVERSITIES AT GRADUATE & POST-GRADUATE LEVELS:

3rd September 1985- 31st August 1987 {followed by Re-Invitations until 2015}: Active engagement at the University of Heidelberg and Free University Berlin (West), Germany as Post-Doctoral Fellow of the Alexander von Humboldt-Foundation

22nd MARCH - 21st JUNE 1995: Held Guest Professorship in Philosophy during Summer Semester (22nd MARCH - 21st JUNE 1995): AT THE UNIVERSITE DE POITIERS, FACULTE DES SCIENCES HUMAINES ET DES ARTS - INSTITUT DE PHILOSOPHIE, FRANCE. Lectured on "The Impact of Karl Popper's Work on Our Understanding of the Natural and Human Worlds" and related topics in the philosophy of science of P. Duhem.

SS 1996: Held VISITING PROFESSORSHIP (SS 1996) AT THE UNIVERSITY OF VIENNA (April - June 1996) Both IN GERMAN AND ENGLISH taught Contemporary Rational Reconstructions of Scientific Rationality; From Popper to Descartes: The Problem of an Open Universe; Ecology of Consciousness; Environmental Ethics; Contemporary Philosophies of Science: Popper/ Kuhn/ Lakatos/ Feyerabend et al.

13th NOV. 1995 - 29th FEBRUARY 1996; SS2005; SS2008; SS2009: Invited Research Stay at the Maison des Science des L'home, Paris, France

19th – 28th June 2000: AT THE SRINAKHARINWIROT UNIVERSITY, Department of Philosophy, Faculty of Humanities, Sukhumvit 23, Bangkok 10110: Bangkok Lecture Series: (19. - 28. June 2000; in English): Philosophy of Ecology, Philosophy of Education, Ecology of Consciousness, The Structure and Growth of Scientific Knowledge, Philosophy of Language, Philosophical Impact of Buddhism: Some Important Lessons for Philosophy in the 21st Century, Graduate Studies in Comparative Religion and Philosophy in India, and The Ecological Self, Environmental Nesting, among other topics.

Dec. 2001: At the Srinakharinwirot University, Department of Philosophy, Bangkok (December 2001, in English): Philosophy and human development.

February 2004: At the Srinakharinwirot University, Department of Business English for International Communication, Bangkok: (February 2004, in English): Language of philosophy: Metaphysics and cosmology; Ecology of knowledge; Ethics; Methodology; Ethics in the public domain; Philosophy of symbolic forms; Eco-Environmental realism; Indian culture: the great diversities.

1988-2010: Extra-Curricular Activities

Participation in the Corporate Life of Delhi University: Headship; Chairmanship; Membership of Academic, Empowered, Disciplinary, Monitoring and other Committees in the University; Membership of Governing Bodies of Colleges/Institutes/Halls of Residence; Provost-ship in Hostels:

1990-1992: Member: Board of Discipline, Health and Residence, Delhi University.

1990-1994: Provost: Jubilee Hall of Residence, Delhi University.

1989-1992: Head of Department of Philosophy, University of Delhi.

Sept. 1997- Sept.2000: Head of Department of Philosophy, University of Delhi.

19th January, 1988 – March 2005: Chairman, Department of Philosophy, University of Delhi South Campus, Benito Juarez Road, New Delhi - 110021.

1989-1996: Membership of National/International Academic Societies/ Professional Bodies/Statutory Professional Bodies and their Committees: Chairmanship/Membership of Committees:

1989-1992/1997-2000/2000-2003: Member of the Academic Council of the University of Delhi.

1990-1992: Member: Business Advisory Committee of Academic Council of Delhi University.

1990-1992: Chairman: Empowered Committee of Arts Faculty for establishing a new Department of Jain Studies at Delhi University.

1990-1994: Member: Empowered Committee formed by the Vice-Chancellor of Delhi University for the creation of "Uggarsain Centre for Research on Prachin Bhartiya Sanskriti" at Delhi University.

1992-1995: Member: Committee for the University Educational Planning and Evaluation / Pandit Ravishankkar Schukla University, Raipur, Madhya Pradesh, representing the Academic Council of the University.

1997- onwards: Member of International Ernst Cassirer Gesellschaft/Society: Berlin/Germany.

1998- Member/Mitglied des Herausgeberrates der neuen Buchreihe von Wilhelm Fink Verlag, München, Germany: "Philosophie an der Jahrtausendwende".

2000-2005: Member of "Institutional Human Ethics Committee for Human Subjects" at the Institute of Genomics & Integrative Biology (Formerly Centre for Biochemical Technology), Council of Scientific & Industrial Research under Govt. of India (CSIR), Delhi University Campus, Mall Road, Near Jubilee Hall, Delhi - 110007, India.

June 2005 – 2008: Re-nominated as Member of "Institutional Human Ethics Committee for Human Subjects" at the Institute of Genomics & Integrative Biology (Formerly Centre for Biochemical Technology), Council of Scientific & Industrial Research under Govt. of India, Delhi University Campus, Mall Road, Near Jubilee Hall, Delhi - 110007, India.

June 2008 – 2016: Re-nominated as Member of "Institutional Human Ethics Committee for Human Subjects" at the Institute of Genomics & Integrative Biology (Formerly Centre for Biochemical Technology), Council of Scientific & Industrial Research under Govt. of India, Delhi University Campus, Mall Road, Near Jubilee Hall, Delhi - 110007, India.

2003 -: Member of "Friends of Wisdom" - an International Body of academics/philosophers of science from Europe and other parts of the world.
{http://www.knowledgetowisdom.org/about_us.htm}

2002-2004: Held membership of the Empowered Committee Constituted by the Vice-Chancellor, Delhi University, to Review the Structure of the B.A. (Hons) Programme in the Social Sciences and Humanities in Delhi University vide Notification No. R/2002/917 dated the December 20th, 2002, and to Make Recommendations within its Terms of Reference. The Academic Council Meeting of 11th and 12th October 2004 adopted the Report of the Restructuring Committee vide Resolution No. 69, Appendix - VIII.

2001-2004: Member of Indian Council of Philosophical Research, New Delhi (Appointment by the Govt. of India).

2004 -: Member/Honorary Treasurer: Executive Committee of the Federation of Indo-German Friendship Societies, New Delhi.

1988-2001: Membership of Governing Bodies of different Colleges, as Representative of the University of Delhi

1988-1991: Member: Governing Body of Jesus and Mary College, Chanakyapuri, New Delhi-110021.

1989-1991: Member: Governing Body of Kamla Nehru College, New Delhi.

1993-1996: Member: Governing Body of Lady Irwin College, Sikandara Road, New Delhi - 110001.

1993-96: Member: Central Reference Library Committee / Delhi University - under Ordinance XVI (II).

1995- 1998: Member: Managing Committee, Geetanjalee Hostel for Women, University of Delhi South Campus.

1998-2000: Member: Governing Body of Dayal Singh College, Delhi University.

1999 – 2000: Member, Governing Body of St. Stephens College, representing the University of Delhi.

1999- 2001: Member, Governing Body of Mata Sundry College for Women.

1984-1995: Member: Board of Studies in Philosophy in different Universities:

1984-1989: Member: Board of Studies in Philosophy / Rajasthan University Jaipur.

1991-1993: Member: Board of Studies in Philosophy, Goa University, Taleigao Plateau Goa.

1992-1995: Member: Post-Graduate Studies in Philosophy / Central North-Eastern Hill University, Shillong-793001.

1992-1995: Member: Committee of Courses and Studies in Philosophy / Jai Narain Vyas University, Jodhpur, Rajasthan.

1990-2015: Director/Participant/Member of Organizing Committee: National/International Conferences

27th-28th Feb. 1990: Director: National Symposium "Common Dignity of Women and Men: A Parameter of Social Change and Appraisal" held at University of Delhi South Campus / Benito Juarez Road, New Delhi - 110021 (27-28 February, 1990).

5th Dec. 1990: Director: Indo-German International Symposium in Philosophy & History of Science "The Physicist's Conception of Progress", held at the University of Delhi South Campus / Benito Juarez Road, New Delhi-110021 (5 December, 1990).

Jan. 1990: Member, Organizing Committee, International Conference on "The Conceptual Foundations of Quantum Theory" Sponsored by NISTADS and held at IIC in New Delhi.

5th – 16th Dec. 1991: Director: Block Seminar on Martin Heidegger:

1. "What is Metaphysics?" - 1979

2. "On the Essence of Truth" – 1930
3. "The Origin of the Work of Art" - 1936/1950

held at the University of Delhi / North & South Campuses (5 - 16 December 1991).

March 1994: Director: International Philosophy of Science Workshop on "Problems of Cultural Progress and Improvement of Scientific Knowledge" held at Delhi University (CSIR Complex) *and* at the University of Rajasthan, Jaipur

Jan. 1998: Member: Organizing Committee, International Conference on "Uncertain Reality: 70 Years of Heisenberg's Uncertainty Principle," held at IIC New Delhi.

1990-2010: Member of different selection committees in different Universities in India, responsible for selection of candidates to positions of Professor, Associate Professor, Assistant Professor in Philosophy.

1980-2013: Supervisor/Examiner for Doctoral candidates in Philosophy of Environment, Philosophy of the Sciences, Analytic Philosophy, Philosophy of Language, at different Indian Universities.

1998-1999: Member: Scientific Committee, International Symposium on "From Duality to Unity: 75 Years of Wave- Particle Duality" held at IIC New Delhi.

April 1999: Director: International Symposium "Phenomenology of Music - Comparative Aspects of Two Traditions: An Indo-European Dialogue" sponsored by the Goethe Institute New Delhi.

15th – 19th January 2001: Director: "Metaphysics in the 21st Century - A Second International Conference on Ideals of Interpretation and Metaphysics of Culture in Art, Literature, Music, History, Religion and Science including the Environmental Sciences" (Delhi University - 15. - 19. January, 2001).

30th March-1st April 2003: Held membership of the Organizing Committee of the International Conference on "Indian Philosophy, Science and Culture" organized by the ICPR New Delhi from 30th March to 1st April 2003.

11th December 2006: G. L. Pandit organized a Symposium "Music and Science" (11th December 2006) jointly with I. P. College for Women (DU) and Federation of Indo-German Societies in India, with Professor Dr. Hans Guenter Dosch, University of Heidelberg, and Mr. Julius Georg Luy (The Charge d'Affairs, of the Embassy of Federal Republic of Germany) as the Guest Speakers.

10th December 2007: G. L. Pandit organized an interdisciplinary Seminar on the theme "THE UNNOTICED PERCEPTIONS OF LEIBNIZ: A BASIS FOR A METAPHYSICS OF NEUROPHYSIOLOGY" on the 10th December 2007, jointly with the Department of Philosophy, Lady Shri Ram College for Women, with Prof. Dr. Hans Guenter Dosch, University of Heidelberg, and Dr. Heinz Wirth, Science Counsellor, Embassy of the Federal Republic of Germany, as the main Guest Speakers.

30th January 2009: The Federation of Indo - German Societies in India (FIGS), in collaboration with the Department of Philosophy of the University of Delhi South Campus (UDSC) and Jesus & Mary College (JMC), University of Delhi South Campus, hosted on 30th January 2009 a Symposium on the theme "Technology and Modality - A Somewhat Different Look at Technology". Speakers included the distinguished German philosopher Prof. Dr. Hans Poser, Emeritus Professor fuer Philosophie, Institut fuer Philosophie - Technische Universitaet Berlin, H.E. Mr. Christian Schlaga, Minister and Deputy Chief of Mission, Embassy of the Federal Republic of Germany, Chief Guest on the occasion, and G. L. Pandit, University of Delhi South Campus. Ambassador Satinder K. Lambah, President of FIGS, presided on this occasion. The Symposium was held in the auditorium of Jesus & Mary College, Chanakyapuri, New Delhi, from 9.45 am. to 1.00 p.m.

29th October – 10th November 2012: The Federation of Indo-German Societies in India (FIGS), in collaboration with University of Delhi South Campus (UDSC) Department of Business Economics, New Delhi, and Indraprastha College for Women (IPCW), University of Delhi, hosted on 29th October an International Symposium on the theme:

“Rural India: A Long-Term Perspective Addressing the Climate Change Challenge”.

Distinguished German Agricultural Economist Prof. Dr. Harald Kaechele, Leibniz-Centre for Agricultural Landscape Research (ZALF), Institute of Socio-Economics, Muencheberg, Germany, delivered a lecture on the said theme. Partial support of the Alexander von Humboldt-Stiftung, Bonn, Germany, towards the cost of international travel facilitating Prof. Kaechele's visit to UDSC (29th October – 10th November 2012) is thankfully acknowledged. The other distinguished speakers at the said Symposium included the following: Ambassador Satinder K. Lambah, former Indian Ambassador to Germany and President of the FIGS; Prof. Surender Kumar, Deptt. of Business Economics (UDSC); Prof. K. S. Rao, Deptt. of Botany (University of Delhi); Prof. Sunil Nautiyal, Centre for Ecological Economics and Natural Resources (CEENR), Institute of Social and Economic Change (Isec), Bangalore; Prof. Dr. Giridhari Lal Pandit, Visiting Professor: Centre for Ecological Economics and Natural Resources (CEENR), Institute of Social and Economic Change (Isec), Bangalore; and Prof. Jagbir Singh (DCR Chair for Sustainable Development, Haryana State, India). Welcome and Inaugural Addresses were delivered by Dr. Ms. Babli Moitra Saraf, Principal IPCW and Ambassador Satinder K. Lambah, respectively. The other distinguished participants included Mr. Jan-Axel Voss, Counsellor: Environment, Climate Change, Renewables, the Embassy of the Federal Republic of Germany. The day-long Symposium was held in the IPCW-Auditorium, Delhi University and was well-attended by over 150 participants that included teachers and students from different Departments.

Tuesday 21st March 2017: 10.30 A.M. to 02.00 P.M.: In collaboration with the Department of Business Economics, University of Delhi South Campus (UDSC); Alexander von Humboldt Foundation; Gargi College (UDSC) & Heidelberg Club International, the Federation of Indo-German Societies in India (FIGS) hosted a Guest-Lecture by Professor Dr. Sandra Pamela Klevansky, Department of Physics and Astronomy, University of Heidelberg, at Gargi College, Siri Fort Road New Delhi on the following theme:

**“A Century of Quantum Revolution:
Philosophy, Public Understanding and Impact of Science”**

The Guest Lecture and Discussion was chaired by Ambassador Ronen Sen, former India’s Ambassador to Germany. Without the support of the Alexander von Humboldt-Stiftung (Bonn), Prof. Klevansky’s visit to University of Delhi South Campus (18th -25th March, 2017) would not have been possible.

Thursday, 23rd March 2017: 09-15 A.M. – 02.00 P.M.: In Collaboration with Department of Business Economics University of Delhi South Campus (UDSC) Benito Juarez Road, New Delhi-110021, Giridhari Lal Pandit, Professor of Philosophy, University of Delhi South Campus organized **the Symposium on the theme: 'Ecology, Society and Economy'**. The Symposium had two main Sessions. Professor Vijay Kumar Kaul, Head of the Deptt. of Business Economics and Dean Faculty of Applied Social Sciences & Humanities (UDSC) delivered the Welcome Address. The Guest-Speaker Prof. Dr. Sandra P. Klevansky, Head of the Heidelberg Graduate School of Fundamental Physics and Director of the Department of Physics and Astronomy, University of Heidelberg made a presentation on the theme:

**“Rethinking Design:
Dealing with Complexity from a Physicist’s Perspective”**

Her presentation was chaired by **the Counsellor** Mr. Stephan Lanzinger, Head of Science and Technology Section, Embassy of the Federal Republic of Germany, New Delhi. The second Guest Lecture was delivered by Ms. Pooja Rathore, Senior Researcher at Forestry and Ecology, Indian Institute of Remote Sensing, Dehradun on the following theme:

**“Crop Diversity of India's Agro-Ecosystems as a Case of Complexity:
From Socioeconomic and Ecological Perspectives”**

Prof. Vijay Kumar Kaul, Professor of Business Economics chaired the second Guest Lecture. Without the support of the Alexander von Humboldt-Stiftung (Bonn), Prof. Klevansky’s visit to University of Delhi South Campus (18th -25th March, 2017) would not have been possible. A Report was accordingly forwarded to the Alexander von Humboldt-Stiftung by Prof. Dr. Sandra P. Klevansky.

1974-2010: Major Contributions to Innovative Teaching Methods and Development of New Courses of Study at the University Level

1974-2010: Giridhari Lal Pandit has participated actively in the designing of the innovative courses in the Department of Philosophy, Delhi University since 1974, at the B. A. (Hons), M. A. and M. Phil levels. Over a period of time, the new courses developed and taught include Philosophy of Mind, Philosophy of Language, Philosophy of Science, Analytic Philosophy, Theory of Knowledge, Classics of Western Philosophy. More recent record of my contribution in designing of the new courses is as follows:

2002-2004 Restructuring of the University of Delhi - B.A. (Hons) Humanities and Social Sciences: As a member of the Empowered Committee Constituted by the Vice-Chancellor, Delhi University, to Review the Structure of the B.A. (Hons) Programme in the Social Sciences and Humanities in Delhi

University vide Notification No. R/2002/917 dated the December 20th, 2002, and to Make Recommendations within its Terms of Reference. I took part in the designing of several Con-Current innovative Courses including the course called Ethics in Public Domain. The Academic Council Meeting of 11th and 12th October 2004 adopted the Report of the Restructuring Committee vide Resolution No. 69, Appendix - VIII.

2005-2007: Restructuring at the M. A. and M. Phil levels in the Department of Philosophy: I took active part in designing of several INNOVATIVE courses which became effective from 2006-2007. Among these I would like to make a special mention of the “Physics and Philosophy” Course at the M. A. level and “Theory Development in Physics” Course at the M. Phil level; and "Moral Significance, Culture and Environment" at the M. Phil level (2007-2008).

2009-2010: Restructuring at the M. A. and M. Phil levels in the Department of Philosophy: I took active part in designing of several INNOVATIVE courses effective from 2009-2010. Among these I would like to make a special mention of the “PHILOSOPHY OF SCIENCE AND BIOLOGY”; “PHYSICS AND PHILOSOPHY”; “PHILOSOPHY OF SCIENCE” Courses at the M. A. level; and “MODERN WESTERN PHILOSOPHY” Courses at the M. A. level.

1970-2015: Guidance of Research/Dissertation:

Ph. D. Degree	06
M. Phil: Degree	12
M.A.	01
Ph. D/M.Phil Theses examined:	28

Awards and Recognitions: Fellowships of International Foundations Academies; and National Awards:

1965: Pandit was awarded “Dr. Cameron Devi Dayal Misra Gold Medal” by Lucknow University for excellence, scoring highest Grade in Masters in Philosophy

1965-1968: Pandit was awarded Doctoral Research Fellowship in Philosophy by the Central University of Visva-Bharati, Santiniketan, Bolpur/Birbhum: West Bengal, founded **1921** by the poet-seer Nobel Laureate Gurudev Rabindranath Tagore.

September 1985-July 1987: Pandit was awarded the Post-Doctoral Research Fellowship by the Alexander von Humboldt Foundation, Bonn (Germany), hosting his research collaboration with the leading German Philosophers of Science at the Free University of Berlin (then West Berlin) and University of Heidelberg. Citation.

WS 1995-1996; SS 2005; SS 2008: Pandit was awarded Post-Doctoral Fellowship at the Foundation Maison des Science de L’home de Paris Post-Doctoral Fellowship, hosting research collaboration with French Philosophers/Philosophers of Science.

1997-- Onwards: Pandit has been made a Member of INTERNATIONALE ERNST CASSIRER-GESELLSCHAFT E.V., Hamburg, Germany.

1988-2015: Invited Presentations at many International Conferences, among them the following:

14th-21st August 1988: The 13th International Wittgenstein Symposium, Kirchberg Am Wechsel Oesterreich. 14-21 August 1988

24th-28th April 1989: International Heidegger Centenary Symposium in Bonn. 24-28 April 1989 - Participated at the invitation of Die Alexander von Humboldt-Stiftung;

23rd-27th September 1996: XVII. Deutscher Kongreß für Philosophie, Leipzig - 23.-27. September 1996, organized by Die Allgemeine Gesellschaft für Philosophie in Deutschland, commemorating the 350th and 400th anniversaries of G. W. Leibniz's and Rene Descartes's birth respectively, on the theme: "Cognitio humana: Dynamik des Wissens und der Werte".

25th-28th September 1996: International Colloquium "Quatre siecles de Cartesianisme (colloque)/Four Hundred Years of Cartesianism: Descartes's Heritage in Modern and Contemporary European Philosophy and Science", Szeged/Hungary, 25.-28. September 1996, organized by the Department of Philosophy of Attila Josef University, Szeged/Hungary, in collaboration with The Hungarian Philosophical Society/The Hungarian Academy of Sciences

4th-8th October 1999: XVIII. Deutscher Kongreß für Philosophie, Konstanz: 4. - 8. Oktober 1999, organized by Allgemeine Gesellschaft für Philosophie in Deutschland e.V. in Verbindung mit der Universität Konstanz on the theme: "Die Zukunft des Wissens", presenting a paper.

10th-14th September 2001: VII. Internationaler Leibniz-Kongreß - NIHIL SINE RATIONE - "Mensch, Natur und Technik im Wirken von G. W. Leibniz" (Technische Universität Berlin: 10.-14. September 2001).

26th-30th September 2001: Fachsymposium: 100 Years Werner Heisenberg - Works and Impact" (Bamberg: September 26-30, 2001) sponsored by Alexander von Humboldt Stiftung/Foundation, Bonn, presenting a paper and participating in discussions.

3rd -7th July 2002: Karl R. Popper 2002 Centenary Congress: Universität Wien: 3.- 7. July) - Presented a paper in Section 1. "Philosophy of the Physical Sciences" on 4th July 2002.

9th - 18th February, 2004: Delivered invited guest lectures to the students and faculty members of the Faculty of Humanities, Srinakharinwirot University, Bangkok on the following themes: (a) philosophy of symbolic forms; (b) language of philosophy: metaphysics and cosmology; (c) methodology and epistemology; (d) moral self-development; (e) Indian culture and related subjects.

23rd-29th July 2006: Presented a paper entitled "Leibniz's Weltbild of Universal Interconnectedness" during my participation at the VIII. Internationaler Leibniz-Kongress: Einheit in der Vielheit, held at the G. W. Leibnitz Universität Hannover, Germany.

5th – 11th August 2007: Delivered an invited lecture entitled "Ethical Tasks of Media Advocacy in the 21st Century" at 30th the International Wittgenstein Symposium on "Philosophie der Informationsgesellschaft / Philosophy of the Information Society, held at Kichberg am Wechsel: Austrian Ludwig Wittgenstein Society (5. - 11. August 2007).

26th September- 1. Oktober 2011: Presented an invited paper "A Science of Universal Interconnectedness: Rationality of Wisdom Inquiry", at the IX. International Leibniz-Kongress:

Nature and Subject, (September 26-1.Oktober 2011) held at Leibniz University Hanover, Germany.

19th – 21st October 2011: Presented an invited paper "Ecosystem-Resilience: A Long Journey to Nature Policy", International Conference: "Strengthening Cooperation Between Germany and India - International Humboldt Kolleg on Adaptive Management of Ecosystems: The Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change (19th to 21st October 2011) held at the Centre for Ecological Economics and Natural Resources, Institute for Social and Economic Change, Bangalore, India.

20th-21st May, 2015: Giridhari Lal Pandit participated in the International Conference on "Climate Change and Social-Ecological-Economical Interface-Building: Modeling Approach to Exploring Potential Adaptation Strategies for Bio-Resource Conservation and Livelihood Development" (20-21st May 2015 at CEENR, ISEC, Bangalore, India). And Pandit delivered a Keynote Address entitled "Knowledge-Based Climate Economy: Integrated Science, Accelerated Convergence and Beyond". He also chaired a Session of the International Conference on the Theme: "Food Security: Technological Interventions, Environmental Sustainability and Climate Change".

1972-2015: Invited/Special Lectures delivered at Indian Universities

February 1972: Lady Sri Ram College/Delhi University: Symposium on "Relevance of Philosophy": February 1977 - Invited Lecture "Towards a More relevant Philosophy";

March 1972: Banaras Hindu University/Department of Philosophy Sponsored National Conference on "Philosophy and Civilization": March 1972 - Invited Lecture "From Traditional Monism to Traditional Pluralism";

October 1980: Jammu University (Jammu & Kaschmir) / 27th Annual Session of the Akhil Bharatiya Darshan Parishad: October 1980 - Presidential Address to the Epistemology & Ontology Section ;

September 1980: Kamla Nehru College/Delhi University: Interdisciplinary Symposium on "Identity of the Self": September 1980 - Invited Lecture "The Concept of a Person";

March 1982: Visva-Bharati Santiniketan, Department of Philosophy and Comparative Religion: March 1982 - 2 Guest Lectures "Wittgenstein's Language-Games"/"On the Impossibility of any Enterprise Concerning Self-Knowledge within Traditional Epistemology";

February 1983: Punjab University Chandigarh, Department of Philosophy: February 1983 – Two Guest Lectures "On the Objects of our Subjective Knowledge"/"On the Nature of a Falsifiable Theory";

March 1983: University of Delhi South Campus, Department of Psychology: March 1983 Guest Lecture: "Human Knowledge and Human Interaction";

March 1985: Punjab University Chandigarh /Indian Council of Philosophical Research Sponsored National Conference: March 1985 - Invited Lecture: "Epistemological Ontology and the Special Sciences: Against Relativism";

January-February 1985: Karnatak University Dharwad/Indian Council of Philosophical Research Sponsored National Conference: January-February 1985 - Invited Lecture: "Science and the Concept of Truth";

March 1988: University of Delhi South Campus/ Inaugural Lecture as Professor of Philosophy - March 1988: "Scientific Change: The Search for the methodology of Rational Theory-Choice";

6th July 1990: Indian Institut of Technology, Department of Humanities and Social Sciences Kanpur (UP): 6 July 1990 - Guest Lecture "Epistemology and Methodology: Some Problems of Scientific Change";

30th Nov. – 14th December 1992: Goa University, Department of Philosophy: Delivered a series of 12 Guest Lectures as a refresher course to university teachers in Western India in philosophy of science, methodology and epistemology;

10th January, 1995: In Memoriam Sir Karl Popper (1902-1994) -"The Search for Knowledge: Impact of Karl Popper's Work on our Understanding of the Human and Natural World", sponsored by the India International Centre, University of Delhi and The Austrian Embassy, New Delhi.

5th-9th January 1998: NISTADS, Delhi, International Symposium (5.-9. January 1998) on "Uncertain Reality: Seventy Years of Heisenberg's Uncertainty Principle". Vortrag: ``Heisenberg - Einstein Dialogue on Physical Theory".

10th February 1998: Goethe Institut Delhi: Gastvortrag anlässlich Bertolt Brecht's 100. Geburtstag (10. Februar 1998): Vortrag "Creative science as a way of being - in - the - world: how beneficial and how moral."

4th-6th April 2001: University of Delhi, Kamala Nehru College: 4.-6. April, 2001, Guest Lectures on the themes of "Human Interests, Knowledge and Environment in the 21st Century", delivered, as part of Refresher Course, before the College Teachers in Delhi University.

14th November 2002: Delivered an invited lecture on "Environmental Realism" on 14.11.2002 as part of a 14 weeks Workshop on Applied Ethics, conducted at Gargi College, University of Delhi.

23rd-24th November 2002: Invited participant at the "Science in India Symposium" organized by the Centre for Studies in Civilizations, New Delhi and held at India International Centre New Delhi from 23rd to 24th November 2002.

16th April 2003: Delivered two invited lectures on "Environmental Understanding and Development: Aspects of Environmental Realism" at the National Workshop "Environment and Quality of Life: Canada and India" (1st-21st April, 2003) held at the Centre for Canadian Studies, University of Delhi South Campus.

22nd - 25th February, 2004: Delivered an invited Guest lecture on the theme of "Methodology of the Sciences" at the National Workshop on "Foundations of Sciences" held at the National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore.

17th November, 2005: Delivered an invited lecture entitled "Science, Philosophy and the Future" in celebration of the UNESCO-sponsored International Philosophy Day, organized by the Indian Council of Philosophical Research, New Delhi.

26th November, 2005: Delivered an invited Lecture entitled "Structural Violence and Disappearing Cultures: Kashmir's Share of Myth, Truth, Torture and Sacrifice" - From Cultural and Ecological Discourse to Political Discourse - on the occasion of the launching of "VIMARSH" by Heritage Kashmir, at India Habitat Centre, Lodi Road, New Delhi.

24th-25th January 2006: Delivered an invited Lecture entitled "Re-Disciplining or Breaking the Boundaries? The Challenge of Moral Progress" at the Gargi College (Delhi University) Conference on "Integrating Knowledge: The Challenge of Interdisciplinary Studies" held at India International Centre, New Delhi.

24th-26th März 2006: delivered an invited lecture entitled "Ethics in public domain: biomedical research and beyond" at the Humboldt Kolleg: "BIO-NANO-GEO SCIENCES: ADDRESSING ISSUES OF CONCERN TO MANKIND" held at the Institute of Himalayan Bioresource Technology, Palampur (CSIR), Himanchal Pradesh, Indien, sponsored by Alexander von Humboldt-Stiftung/Humboldt Academy Chandigarh and Kanpur Chapters.

18th--20th January 2008: Participated and contributed an invited paper at the International Conference on the theme "THEORY-INCOMMENSURABILITY IN THE NATURAL SCINCES", organized by the Department of Philosophy of the University of Hyderabad and held at Hyderabad from the 18th to the 20th January 2008.

23rd January 2008: Delivered an invited Guest Lecture on the theme "Science and Technology: Ethical Challenges" at the I. P. College Philosophy Symposium (organized by the Department of Philosophy) held on 23rd January 2008.

12th February 2008: Delivered an invited Guest lecture on the theme "Globalization and the Challenges of Institutional Reforms: From a 21st Century Ethical Perspective" on the 12th February 2008 at the Jesus and Mary College (Delhi University) on the occasion of the Department of Philosophy Annual Day.

20th-21st February 2008: Participated and contributed an invited paper at the Interdisciplinary National Seminar on the theme "Morality in International Relations and Public Affairs" organized by the Centre of Advanced Study in Philosophy, Jadavpur University, held at Kolkata from the 20th to the 21st February 2008.

19th – 21st October 2011: Made an invited presentation on the theme "Ecosystem-Resilience: A Long Journey to Nature Policy", at the International Conference "Strengthening Cooperation Between Germany and India - International Humboldt Kolleg on Adaptive Management of Ecosystems: The Knowledge Systems of societies for adaptation and mitigation of impacts of climate change (19th to 21st October 2011) held at the Centre for Ecological Economics and Natural Resources, Institute for Social and Economic Change, Bangalore, India.

22nd February 2012: Gave a Seminar on "Rethinking Economic Rationality" in the Department of Business Economics, University of Delhi South Campus, on 22nd February 2012.

3rd -5th March 2012: Participated in the NATIONAL SEMINAR ON "THE PHILOSOPHY OF KALIDAS BHATTACHARYA" held at VISVA-BHARATI: SANTINIKETAN (Department of Philosophy: 3rd-5th March 2012) and made several presentations on the theme "A Dynamic Presence: Kalidas Bhattacharya" on the invitation of Visva-Bharati Study Circle.

24th April, 2014: Chaired: Physics & Cosmology Symposium on "Cosmic Inflation: Reading the "Runes of the Relic Radiation" (24th April, 2014: University of Delhi South Campus) jointly sponsored by the University of Delhi South Campus Department of Business Economics and the World Institute for Advanced Study CFPS (Centre for Foundations and Philosophy of Science), Department of Science & Technology, Government of India.

20th-21st May, 2015: Giridhari Lal Pandit participated in the **International Conference on “Climate Change and Social-Ecological-Economical Interface-Building: Modeling Approach to Exploring Potential Adaptation Strategies for Bio-Resource Conservation and Livelihood Development” (20-21st May 2015 at CEENR, ISEC, Bangalore, India).** And Pandit delivered a **Keynote Address** entitled **“Knowledge-Based Climate Economy: Integrated Science and Accelerated Convergence”**. He also chaired a Session of the International Conference on the Theme: **“Food Security: Technological Interventions, Environmental Sustainability and Climate Change”**.

14th Oct. 2017: Giridhari Lal Pandit chaired the Session **„Inclusive Growth“** at the **44th Annual Convention on „Innovation India: Inclusive Growth, Digitalization and Job Creation“** organized by **Department of Business Economics, University of Delhi, South Campus at the S. P. Jain Auditorium.**

21st November, 2017: Giridhari Lal Pandit delivered a lecture on **“Breaches in the Reach of Empowerment: A Forward-Looking Approach to Children’s Well-Being”** at the **Center for Ecological Economics, Institut for Social & Economic Change, Bangalore.**

21st Nov. 2017: Giridhari Lal Pandit delivered a lecture on **“Freedom and Scientific Rationality: Why Paradimization of Scientific Revolutions is Untenable”** at the **Center for Ecological Economics, Institut for Social & Economic Change, Bangalore**

24th Nov. 2017: Giridhari Lal Pandit presented a Poster entitled **“Where the World Makes its Home in a Single Nest: Wisdom-Driven Knowledge Environments”** at the **Alexander von Humboldt-Stiftung-Kolloquium: “Germany and India – Partners in Education and Research”** India, Bengaluru, 23–25 November 2017, **held at** Leela Palace Hotel, Bangalore, India.

Chaired the various Sessions in National/International Conferences:

Oct. 1980 Jammu University (Jammu & Kaschmir) / 27th Annual Session of the Akhil Bharatiya Darshan Parishad: October 1980 - Presidential Address to the Epistemology & Ontology Section.

Feb. 1990: Director: National Symposium "Common Dignity of Women and Men: A Parameter of Social Change and Appraisal" dedicated to the Year of the Child and held at University of Delhi South Campus / Benito Juarez Road, New Delhi - 110021 (27-28 February, 1990).

Dec. 1990: Director: Indo-German Symposium in Philosophy & History of Science "The Physicist's Conception of Progress", held at the University of Delhi South Campus / Benito Juarez Road, New Delhi-110021 (5 December, 1990).

Dec. 1991: Director: Block Seminar on Martin Heidegger's "What is Metaphysics?" - 1979; "On the Essence of Truth" - 1930; "The Origin of the Work of Art" - 1936/1950 -- held at the University of Delhi / North & South Campuses (5 - 16 December 1991).

March 1994: Director: International Workshop "Problems of Cultural Progress and Improvement of Scientific Knowledge" held at Delhi University and at the University of Rajasthan, Jaipur.

April 1999: Director: International Symposium "Phenomenology of Music - Comparative Aspects of Two Traditions: An Indo-European Dialogue" sponsored by the Goethe Institute New Delhi.

6th--9th April, 1999: Chaired a Session: International Conference on "Problems of Participation and Connection", University of Amsterdam, sponsored by The Cybernetics Society/Systeemgroep Nederland/Center for Innovation and Cooperative Technology, University of Amsterdam, the Netherlands. And I also presented a paper.

15th-19th January 2001: Director/Chair: "Metaphysics in the 21st Century - A Second International Conference on Ideals of Interpretation and Metaphysics of Culture in Art, Literature, Music, History, Religion and Science including the Environmental Sciences" (Delhi University - 15. - 19. January, 2001).

1965-2021: Multidisciplinary Fields of Research with Research Goals

Giridhari Lal Pandit has been a Visiting Professor at several Universities/Institutes including the University of Heidelberg, University of Vienna (SS1996), University of Poitiers, France (SS1995), Foundation Maison des Science de L'home de Paris (1995-1996, 2005, 2008, 2009) and Srinakharinwirot University, Bangkok (2000, 2001, 2004). Pandit has made contributions in the following multidisciplinary research frontiers, pursuing his research goals:

Multidisciplinary research frontiers: Methodology of dynamic core-context-building in theory-finding and theory testing; Methodology of theory-problem interactive systems; Aim and structure of physical theory; Resolving power of physical theory; Philosophy of fundamental physical theory and cosmology; Elementary particle physics-cosmology interface; Philosophy and methodology of science/physics; Epistemology: structure and *interactive model* of growth of knowledge; Twentieth century analytical schools of philosophical analyses, notably logical empiricism (Rudolf Carnap et al.), Critical rationalism (Karl R. Popper); Philosophy of language/mind; Knowledge resources dynamics; Ethics in public domain; Ethical issues of bio-medical research; Development ethics; World's refugees; Philosophy of ecology and ecological economics; Ecosystem resilience; Accelerated domestication of nature; Public policy: ecology-economy-society-science & technology interface; International political economy of the environment; Wisdom inquiry; Knowledge based climate economy;

Research goals: Rationality of Scientific Change and Methodological Structuralism; Problem and Theory-Development in Physics; Rethinking science-studies; Problem and theory-development in physics; Umweltrealismus: ecological-environmental realism; Nature policy and de-domestication of Nature's ecosystems; Ecosystem resilience; Sustainable development; Environmental justice and Improvement of the human condition; Trade-offs between prosperity and inclusive growth; Elimination of poverty; Beyond the rituals of knowledge society; Corporate governance; Retreat of the state; Human development, Forms of exclusion, STS-disciplines, Access to new technologies, State of public health, Human rights development environment, Well-being of women, children and future generations; UN Millennium Development Goals, Values of moral progress and wisdom; Universal interconnectedness, Humanity and academic inquiry at the crossroads, Media advocacy as a philosophy of participation and change; Wisdom inquiry; ...

During the period: **1986-2019**, Giridhari L. Pandit has worked/collaborated on research projects, delivered invited Guest lectures, designed and taught various courses, and participated in International Conferences at many Universities and Institutes in Europe,

actively contributing to international scientific events in Europe. The names of the Universities/Institutes in Europe where he delivered invited Guest lectures during (1986-2019) are as follows:

(1) Freie Universität Berlin: Institut für Philosophie; (2) Ruprecht-Karls-Universität Heidelberg: Philosophisches Seminar; (3) Ruprecht-Karls-Universität Heidelberg: Institut für Theoretische Physik und Graduate School of Fundamental Physics, Fakultät Physik und Astronomie; (4) Ruprecht-Karls-Universität Heidelberg: Institut für Allgemeine und Angewandte Sprachwissenschaft; (5) Georg-August Universität Göttingen: Philosophisches Seminar; (6) University of Rotterdam: Department of Philosophy; (7) Technische Universität Berlin: Institut für Philosophie; (8) Humboldt-Universität zu Berlin: Sektion Philosophie; (9) Universität Wien: Institut für Wissenschaftstheorie und Wissenschaftsforschung; (10) Universität Trier: Fachbereich Philosophie I; (11) Universität Bamberg: Institut für Philosophie; (12) Universität Bremen: Institut für Philosophie; (13) Albert-Ludwigs-Universität-Freiburg: Philosophisches Seminar; (14) Université de Poitiers: Institut de Philosophie; (15) Max-Planck-Institut für Wissenschaftsgeschichte, Berlin; (16) Universität Konstanz: Philosophische Fakultät; (17) Friedrich-Alexander-Universität Erlangen-Nürnberg: Institut für Anthropologisch Historische Bildungsforschung/Erziehungswissenschaftliche Fakultät; (18) University of Bielefeld: Zentrum für Interdisziplinäre Forschung; ((19) G. W. Leibniz University of Hannover, Germany; (20) University of Amsterdam, Netherlands; (21) Attila József University, Department of Philosophy: Szeged, Hungary; (22) Fondation Maison des Sciences de l'Homme 54, Boulevard Raspail, 75006 – PARIS, France

2006-2019: Invited Lectures Delivered at German Universities/Invited Participation in Heidelberg Physics Graduate Days: Graduate School of Fundamental Physics, University of Heidelberg Department of Physics and Astronomy

26th June, 2006: Invited by the Institut für Allgemeine und Angewandte Sprachwissenschaft, (IAAS), Seminar für Übersetzen und Dolmetschen: Ruprecht-Karls-Universität Heidelberg, Giridhari Lal Pandit delivered a Lecture on 26. 06. 2006 on the theme: „Gesundheit – ein kostbares Gut. Wie können wir es bewahren?: „Neue ethische Fragen aus der biomedizinischen Forschung und dem öffentlichen Gesundheitswesen“

8th – 12th October 2007: Invited by the University of Heidelberg Department of Physics and Astronomy: Graduate School of Fundamental Physics, Giridhari Lal Pandit participated in XIX. Heidelberg Physics Graduate Days – WS 2007: Monday 8. - Friday 12. Oktober 2007 and delivered a series of Lectures on interdisciplinary themes entitled:

“PHILOSOPHY, SCIENCE AND ENVIRONMENTAL REALISM: EDUCATIONAL, ETHICAL AND ENVIRONMENTAL ISSUES OF CONCERN TO MANKIND”

23rd – 27th March 2009: Invited by the University of Heidelberg Department of Physics and Astronomy: Graduate School of Fundamental Physics, Giridhari Lal Pandit participated in XXII.

HEIDLBERG PHYSICS GRADUATE DAYS – SS 2009: MONDAY, MARCH 23rd - FRIDAY 27th March 2009 and delivered a series of Lectures on interdisciplinary themes entitled:

„RETHINKING SCIENCE STUDIES, METHODOLOGY, ETHICS AND INTERNATIONAL POLITICAL ECONOMY OF THE ENVIRONMENT”

15th July, 2009: Invited by the FAKULTÄT I GEISTESWISSENSCHAFTEN, Institut für Philosophie, Wissenschaftstheorie, Wissenschafts-u.Technikgeschichte, Technische Universität Berlin, Giridhari Lal Pandit delivered a Guest Lecture at the Institut für Philosophie, Technical University Berlin on July 15th 2009, on the theme „Rethinking Science Studies“.

29th June, 2009: Invited by the Institut für Allgemeine und Angewandte Sprachwissenschaft, (IAAS), Seminar für Übersetzen und Dolmetschen, Ruprecht-Karls-Universität Heidelberg, Giridhari Lal Pandit delivered a Lecture on 29th June 2009 on the theme: „Wenn Verbraucher gesund leben wollen: die Rolle der Produkt-information und Bioethik“ (auf Englisch)

12th – 15th May, 2010: Giridhari Lal Pandit delivered a Key-Note Lecture at RUPERTO-CAROLA-SYMPOS "Hybrid Quantum Systems: New Perspectives on Quantum State Control" IUM , 12-15 MAY 2010, IWH HEIDLBERG, organized by Tobias Paul und Sandro Wimberger, Complex Dynamics in Quantum Systems Group, Institut für Theoretische Physik, Universität Heidelberg, Philosophenweg 19, D-69120 Heidelberg.

31st May 2010: Invited by the Institut für Allgemeine und Angewandte Sprachwissenschaft, (IAAS), M O N T A G S K O N F E R E N Z, Seminar für Übersetzen und Dolmetschen, Ruprecht Karls-Universität, Heidelberg on the theme „Was soll ich tun? Problemfälle der Ethik“, Giridhari Lal Pandit gave a Seminar on the theme „Entwicklung und Unternehmensführung: Ethik in Der Institutionellen Dynamik“ on 31st May, 2010.

4th – 8th April 2011: Invited by the University of Heidelberg Department of Physics and Astronomy: Graduate School of Fundamental Physics, Giridhari Lal Pandit participated in XXVI. Heidelberg Physics Graduate Days – SS: 4.April- 8. April 2011 and delivered a series of Lectures entitled:

“Accelerated Domestication of Nature: Rethinking Development by Ecological Overshoot”

8th – 12th April 2013: Invited by the University of Heidelberg Department of Physics and Astronomy: Graduate School of Fundamental Physics, Giridhari Lal Pandit participated in the **XXX**. Heidelberg Physics Graduate Days – **SS: 8. – 12. April 2013** and delivered a series of Lectures on interdisciplinary themes entitled:

“Epistemology and Methodology of Science: Contours, Contexts, Theories, Interfaces, Frontiers ...”

5th- 9th Oktober 2015: Invited by the University of Heidelberg Department of Physics and Astronomy: Graduate School of Fundamental Physics, Giridhari Lal Pandit participated in the **XXXV**. Heidelberg Physics Graduate Days – **WS: 5. – 9. Oktober 2015** and delivered a series of Lectures on interdisciplinary themes entitled:

“Beyond the STS-Myth and Jargon: How Science Builds on Scientific Revolutions, Convergence, Knowledge Resources Dynamics, Core-Contexts and Frontiers of Theory Development.”

22.02.2017: Invited by the Technische Universitaet Berlin: Institut fuer Philosophie, International "Innovationszentrum Wissensforschung (IZW) / Center for Knowledge Research (Ernst-Cassirer-Arbeitsgruppe)", Pandit delivered a Guest Lecture entitled: “Dynamics of World-Making Symbolic Forms: A Prospect for Cassirer-Popper Interface Building”

22. 11. 2017: Invited Talk at the Centre for Ecological Economics, Isec, Bangalore, entitled: “Breaches in the Reach of Empowerment”

23-24 November 2017: Invited Talk at the Humboldt Colloquium “Germany and India – Partners in Education and Research” Bengaluru, India 23–25 November 2017, entitled: “Education, Research and Development: Challenge or Frontier?”

07-02-2019: Invited Talk at TU Berlin: “Frontiers of Theory-Problem Interactive Systems in Physics: Methodology of Core-Contextual Structuralism”

Selected Bibliography of Giridhari Lal Pandit: Peer-Reviewed Books, Review Articles & Research Articles in Refereed Journals and in Anthologies, including Major Contributions (1971-2021), with Citation and Reviews ...

1971-2021: Major Peer-Reviewed Contributions of Giridhari Lal Pandit

1. Pandit, G. L., **1971**: “Two Concepts of Psychologism”, *Philosophical Studies (International Journal for Philosophy in the Analytic Tradition from USA)* **22**, 1971, 85-91.
2. Pandit, G. L., **1983**: *The Structure and Growth of Scientific Knowledge - A Study in the Methodology of Epistemic Appraisal*. **Boston Studies in the Philosophy of Science** Vol.73, xxii+231pp (with an Editorial Preface by Robert S. Cohen and Marx W. Wartofsky). Dordrecht/Boston/London: D. Reidel Publishing Company/Springer Verlag: Netherlands.
3. Pandit, G. L., **2010**: *The Structure and Growth of Scientific Knowledge - A Study in the Methodology of Epistemic Appraisal* (Springer Paperback). **Boston Studies in the Philosophy of Science** Vol.73, xxii+231pp (with an Editorial Preface by Robert S. Cohen and Marx W. Wartofsky, Springer, Netherlands (2010), **New Paperback** ISBN 10: [9048183758](#) ISBN 13: [9789048183753](#)
4. Pandit, G. L., **1989**: “Scientific Change: The Possibility of a Unified Approach”, *Berichte Des 13. Internationalen Wittgenstein-Symposiums: Grenzfragen Zwischen Philosophie und Naturwissenschaft*. Wien 1989, 168-179. Eds. Paul Weingartner & Gerhard Schurz.
5. Pandit, G. L., **1991**: *Methodological Variance: Essays in Epistemological Ontology and the Methodology of Science*. **Boston Studies in the Philosophy of Science** Vol. 131, xxiv+422 pp. Dordrecht/Boston/London: Kluwer Academic Publishers/Springer Verlag: Netherlands. Dedicated to

Karl R. Popper (1902-1994), this work was completed by the author during his first research stay in the Federal Republic of Germany (Berlin/Heidelberg, 1986-1987).

6. Pandit, G. L., **2012**: *Methodological Variance: Essays in Epistemological Ontology and the Methodology of Science* (Springer Paperback). **Boston Studies in the Philosophy of Science** Vol. 131, xxiv+422 pp. Dordrecht/Boston/London: Springer Verlag: Netherlands. Dedicated to Karl R. Popper (1902-1994), this work was completed by the author during his first research stay in the Federal Republic of Germany (Berlin/Heidelberg, 1986-1987). ISBN 10: ISBN 10: **9401054002** ISBN 13: **9789401054003**

7. Pandit, G. L., **1995**: *Von der Oekologie des Bewusstseins zum Umweltrealismus - Die Wiederentdeckung menschlicher und nicht-menschlicher Interessenssphaeren*. Wiener Vorlesungen, Band 41. Picus Verlag: Wien (Vienna), Austria.

8. Pandit, G. L., **1999**: "Paradoxes of Progress: How Can Humanity Improve Environmental Thinking and Environmental Action?", in *Politics and the Life Sciences* **18** (September 1999, 241-242)

9. Pandit, G. L., **2000**: "Environmental Actions: Can a Part Control the Whole?", in *Problems of Action and Observation*, a Special Issue of *Systemica* **12** (2000, 351-368), Journal of the Dutch Systems Group. Proceedings of the International Conference held in Amsterdam, the Netherlands, in April 1997. BKS+ad

10. Pandit, G. L., **2001**: "Participate and Reconnect: The Problem of Improving the Human Condition", in Gerard de Zeeuw, Martha Vahl and Ed Mennuti (Eds.) *Problems of Participation and Connection*, a Special Issue of *Systemica* **13** (2001, 337-341), the Journal of the Dutch Systems Group. Proceedings of the International Conference held in Amsterdam, the Netherlands, 5-9 April 1999. Lincoln Research Centre

11. Pandit, G. L., **2002a**: "Heisenberg-Einstein Context Principle and the Dynamic Core-Context of Discovery in Physics", in *Fortschritte der Physik* **50** (2002, 461-482). Selections from Proceedings of the International Symposium "100 Years Werner Heisenberg – Works and Impact", organized by the Alexander von Humboldt-Foundation: Bamberg, Germany September 26-30, 2001. Special Editors: D. Papenfuss, D. Luest and W. Schleich.

12. Pandit, G. L., **2002b**: "Heisenberg-Einstein Context Principle and the Dynamic Core-Context of Discovery in Physics" in D. Papenfuss, D. Luest, W. P. Schleich (eds.) *100 Years Werner Heisenberg - Works and Impact*. Wiley-VCH **2002**, pp. 32-53.

Pandit, G. L., **2005**: "World's Refugees: What Humanity Owes to Them" in *World Affairs: The Journal of International Issues* **9**, Jan-March **2005** (148-156), New Delhi

14. Pandit, G. L., **2006**: "Exclusion and Uprootment in Kashmir: From a Political Tragedy to an Ecological Catastrophe" in *World Affairs: The Journal of International Issues* **10**, July-September **2006** (pp.152-171), New Delhi

13. Pandit, G. L., **2007a**: "Ethical Tasks of Media Advocacy in the 21st Century". In Herbert Hrachovec, H., Pitchler, A., and Wang, J. (Hrg.) *Philosophie der Informationsgesellschaft / Philosophy of the Information Society*, **Beitraege des 30. Internationalen Wittgenstein Symposium** (5. - 11. August **2007**), Band **XV**, pp. **169-173**. Kichberg am Wechsel: Austrian Ludwig Wittgenstein Society. Available at <http://wab.uib.no/agora-alws/>

14. Pandit, G. L., **2007b**: “Emergence of the Human Interests Studies: The Environmental Dimension”, in Gerard de Zeeuw, Martha Vahl and Ed Mennuti (Eds.) *Problems of Individual Emergence*, special issue: *Systemica* - Journal of the Dutch Systems Group - Vol. **14** (2007: 295-312), Lincoln Research Centre UK, 2007, ISSN 0167-9961. Proceedings of a Conference held in Amsterdam, the Netherlands, 16-20 April, 2001.
15. Pandit, G. L. **2007c**: Heisenberg-Einstein Context Principle and the Dynamic Core-Context of Discovery in Physics, in 100 Years Werner Heisenberg: Works and Impact (eds D. Papenfuß, D. Lüst and W. P. Schleich), Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany. **doi: 10.1002/9783527610853.ch6**
16. Pandit, G. L., **2009**: "Ethics in Public Domain: Biomedical Research and Beyond", in: Alok Srivastava and Ipsita Roy (eds.), *Bio-Nano-Geo Sciences: The Future Challenge*, Humboldt-Kolleg-Palampur (India), Anne Books: New Delhi/Chennai/Mumbai 2009, pp. 187-208. A pre-print is accessible in Indo-German Science Circle Website of the Embassy of Federal Republic of Germany, New Delhi: (www.science-cooperation.org/www.science-circle.org)
17. Pandit, G. L., **2010**: "How Simple is it for Science to Acquire Wisdom According to its Choicest Aims?", *Philosophia* (2010)38: 649-666, A Special No. of Philosophical Quarterly of Israel
18. Pandit, G. L., **2010d**: „Development and Corporate Governance: Ethics as Part of Institutional Dynamics“, an invited lecture delivered at MONTAGSKONFERENZ: Seminar für Übersetzen und Dolmetschen Sommersemester 2010 (Plöck 57a, Konferenzsaal II (EG): 31-05-2010, 16.15-17.45 Uhr). Unpublished
19. Pandit, G. L., **2012**: "A Science of Universal Interconnectedness: Rationality of Wisdom Inquiry", in IX. International Leibniz-Kongress: Nature and Subject, Nachtragsband: Herausgegeben von Herbert Breger, Juergen Herbst und Sven Erdner, Hannover: September 26-1.Oktober 2011, **S. 214-225**. Herstellung: Druckerei Hartmann GmbH, Weidendam 18, 30167 Hannover Hannover 2012.
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The first two books, (Pandit 1983, 1991) develop a *dynamic interactive model* of the growth of scientific knowledge, formulating a theory of scientific *methodological variance*, scientific change and scientific revolutions, mainly with reference to the development of physical theory. As a consequence, an alternative to the philosophies/theories of science of Rudolf Carnap, Karl R. Popper and Thomas Kuhn, among others, the twentieth century’s most leading thinkers, is proposed. In his *third* book (Pandit 1995), published in its German edition (**Wiener Vorlesungen im Rathaus: Band 41**), an environmental-nesting model of *ecological-environmental realism – Umweltrealismus* – is formulated as a new framework as well as a research tool for analysing (i) dynamics of bio-diverse species-interactions in terms of the principle of *environmental nesting* that takes us deep within the resilient ecosystems; (ii) nature policy; (iii) the human-nature interactions; and (iv) the natural resource management, *integrating* the environmental and human interests-studies. As a consequence, an environmental ethic to promote environmental justice across nature is proposed. If we want to change the world by preventing the loss of bio-diversity, instead of merely interpreting it, *ecological-environmental realism* is the key (Pandt 1995). The *fourth* book (Pandit and Dosch Dec. 2013) develops *methodological structuralism* (Pandit 1983, 1991) further at a deeper level as the methodology of dynamic core-contexts of theory development

that assigns theory-problem interactive systems a fundamental role at the frontiers of physics and astronomy.

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