

Born in Udaipur district in 1937 **Dr. Narayan Lal Kachhara** passed B.E.(Mechanical) in 1961, M.E.(Mech) in 1969, and Ph.D. in 1973 from University of Salford, UK. He taught at University of Jodhpur, Malviya Regional Engineering College, Jaipur, University of Salford UK, Harcourt Butler Technological Institute, Kanpur, University of Aden, Yemen. He was Director of Kamala Nehru Institute of Technology, Sultanpur and Principal of Motilal Nehru Regional Engineering College, Allahabad. He also served as expert and advisor to various Institutions, Universities, Organizations and Boards in India and abroad.

Since retirement in 1997 he has been working for religious and social cause. Scientific spiritualism is his fond subject. He is particularly exploring the scientific perspectives of Jain philosophy.

Profile Highlights

Name **Narayan Lal Kachhara**

Father Shri Punam Chand ji Kachhara

Date of birth 15-02-1937

Address 55, Ravindra Nagar, Udaipur, 31303, Rajasthan

E-mail nlkachhara@yahoo.com

Education

B.Sc. 1957 University of Rajputana

B.E. (Mech) 1961 University of Rajasthan

M.E. (Mech) 1969 University of Jodhpur

Ph. D. 1973 University of Salford, U.K.

(A) Engineering

Service Career

M.B.M. Engineering College, Jodhpur Lecturer, Workshop Suptdt.

M.R. Engineering College, Jaipur Reader

University of Salford, U.K. Visiting Lecturer

H.B. Technological Institute, Kanpur Professor and Head

University of Aden, Yemen Professor

K.N. Institute of Technology, Sultanpur Director

M.N.R. Engineering College, Allahabad Principal

Books Published

Fluid Mechanics and Fluid Power, Editor, Tata McGraw Hill Publishing Co. Ltd., New Delhi, 1988

Theses Supervised

Ph. D. 2

M. Tech. 14

Papers Published

Journals 19

Conferences and Seminars 16

Other Professional Responsibilities

Member of Steering Committee, Dept. of Technical Education, Govt. Of U.P.

Member of Accreditation Committee of Board of Technical Education, U.P.

Member of Accreditation Committee, Ministry of Human Resource Development, Govt. of India
Member, Committee on Engineering and Technology, UGC, New Delhi
Dean, Faculty of Engineering and Technology, Avadh University, Faizabad
Member, Executive Council, Avadh University, Faizabad
Chairman, Academic Council for Engineering and Technology, Avadh University, Faizabad
Member, Academic Council of Allahabad University, Aligarh Muslim University, Jodhpur University
Member of Senate, Indian Institute of Technology, Kanpur
Coordinator, Admission Committee, Govt. of Uttar Pradesh
Member, Faculty Assessment Committee, University of Nigeria, Nigeria
Expert Member, All India Council of Technical Education, India
Member, Board of Apprenticeship Training, Govt. of India
Executive Member, The Institution of Engineers, India, U.P. State Center
Patron, Indian Society for Technical Education, Sultanpur Chapter
Dean of Students Welfare, H.B. Technological Institute, Kanpur

Membership of Societies

Ex-Member, American Society of Mechanical Engineers
Ex-Member of The Institution of Engineers, India
Ex-Life Member, National Society of Fluid Mechanics and Fluid Power, India
Ex-Member, Indian Society for Technical Education

Organization of Conferences and Seminars

National Seminar on Bicycle and Pedal Driven Machines, Kanpur, 1980
Regional Seminar on Material Handling and Reliability Engineering, Lucknow, 1980
16th National Conference on Fluid Mechanics and Fluid Power, Kanpur, 1988
National Seminar on Computer Aided Design and Manufacturing, Sultanpur, 1992
I may make a special mention of a few important highlights of my engineering career. We developed a strong part-time M. Tech. programme at HBTI Kanpur. During my tenure as Director KNIT Sultanpur became a prestigious engineering Institute in the State of U.P. from a chaotic condition. We modernized the course curricula and developed better facilities for students in the curricular and extra-curricular fields.

(B) Jainism

Articles published

1. "Manah Aur Usaka Swaroop", 5th Vaigyanik Sangosthi, Pratapgarh, October 2002
2. Jaina Doctrine of Karma, Article Series in Tirthankar Vani
3. "Consciousness, Soul and Scientific Faith", 7th International Conference on Peace and Nonviolent Action, Jaipur, November 2008
4. "Vargana Vigyan", Arhat Vacan, Oct-Dec 2008
5. Bonding of Karma: A Scientific Explanation, National Seminar on Jain Mathematics: Historical and Theoretical Aspects, Ladnun, 2009, Proceedings under publication
6. "Pudgala in Jain Philosophy and Modern Science", International Science Symposium, GS Science Foundation, Bangalore, January 2010
7. "Philosophy of Mind: A Jain Perspective", First Asian Philosophy Congress, New Delhi, March 2010
8. "Jain Philosophy and Modern Physics", IRC Oxford and International Society for Science and Religion, Conference on God and Physics, July 2010
9. "Jain Dualism: A Philosophical and Scientific Analysis", Arhat Vacan, July Dec 2010

10. "Consciousness and Knowledge: A Jain Perspective in Modern Context", Seminar on Consciousness and Knowledge: Scientific and Spiritual Perspectives, ISJS, Dec 2010
11. "Philosophy of Mind: A Jain Perspective", Journal of US-China Education Review, March 2011
12. "Bhasha Vigyan", Arhat Vacan, July-Sept 2011
13. "Jain Dualism-2: Fields and Interactions, Arhat Vacan, Oct-Dec 2011
14. "Soul: The Intelligent Designer", Tirthankar Vani,
15. "Systems Philosophy in Ancient Jaina Texts", Tirthankar Vani,
16. "The Fate of the Universe: Argument from Jain Philosophy", Tirthankar Vani,
17. "Kya Manushya Sarvashreshtha Prani Hai?", Tirthankar Vani,
18. "Jiva Vikas Aur Mastishka Vikas", Preksha Dhyan
19. "The Eleven Doubts", Tirthankar Vani, January and April 2012
20. "Consciousness: Quantum & Jainism", Article Series, Tirthankar Vani, July 2012 (and next)
21. "Biological Intelligence and Human Faculties", National Symposium on Jain Philosophy, Science and Scriptures, Jasol, Oct 2012
22. "Some Structural Concepts of Soul", Arhat Vacan, July 2012
23. "Jiva or Soul in Jainism", Journal of Gyansagar Science Foundation, 2015
24. "Emotions and Bhava in Jainism and Western Thought", Arhat Vacan, Oct 2013
25. Soul Intelligence, Biological Processes and Biological Structures – An Epistemological Study, International Conference, Gyan Sagar Science Foundation, Feb 2014. Published in the Journal of Gyan Sagar Foundation, Dec 2015
26. Dharma Dhyan, Adhyatma aur Vigyan, Arhat Vacan, January 2014
27. "Karma Siddhant Aur Aparigraha", Article in Encyclopedia of Aparigraha, Prakrit Bharati Academy, Jaipur
28. Moha, Knowledge and Enlightenment, Arhat Vacan, 2015
29. Matter (Pudgalastikaya or Pudgala) in Jain Philosophy, International Conference on Jain Philosophy and Science, Mumbai, January 2016
30. Matter (*Pudgalastikaya* or *Pudgala*) in Jain Philosophy, Journal of Philosophy Study, April 2016
31. Violence in Travelling, article in the book Ahimsa – Theory and Practice, under publication, MLBD, New Delhi
32. Karma, Living Systems, Genes and Human Performance, Co-author, JVBI Monograph on Scientific Perspectives of Jainism (Under publication)
33. Concept of Matter in Jain Philosophy and Modern Science, Co-author, JVBI Monograph on Scientific Perspectives of Jainism (Under publication)
34. Concept of living beings, consciousness and soul-matter interactions in Jain Philosophy, Co-author, submitted to International Conference on Consciousness, Bangalore, Nov 2016
35. Some Bioethical Issues in Jain Perspective, submitted to ICPR National Seminar on Engaging Jainism with Modern Issues, Feb 2017
36. Sallekhana, Santhara or Samadhimarana, Co-author, submitted to ICPR National Seminar on Engaging Jainism with Modern Issues, Feb 2017

Books

Published

- 1 "Samavasaran- Acharya Shri Kanaknandhiji ki Amrit Vani", 2002
- 2 "Jain Karma Siddhant, Adhyatma Aur Vigyan", 2004
- 3 "Jaina Doctrine of Karma", 2005
- 4 "Jain Dharma Mein Vigyan", Editor, Bhartiya Jnanpith, 2006
- 5 "Satdravya ki Vaigyanik Mimansa", Prakrit Bharati Academy, Jaipur, 2007
- 6 "Jain Metaphysics and Science: A Comparison", Prakrit Bharati Academy, Jaipur, 2011
- 7 "Scientific Explorations of Jain Doctrines" (in two parts), Motilal Banarasidass, 2014

Under Publication

8 "A Scientific Study of Living Systems in Jainism", JVBI, Ladnun

9 "Scientific Perspectives of Jainism", Co-Editor, Monograph, JVBI, Ladnun

10 "Proceedings of the International Conference on Science and Jain Philosophy" Mumbai, January 2016, Co-Editor, JVBI, Ladnun

Lectures on Jainism

5th Parliament of World's Religions, Melbourne, Dec 2009

International Summer School on Jain Studies, New Delhi

JAINA, USA

Societies in USA, UK

Forums in Udaipur, Ahmedabad, etc.

Voluntary Services

Adviser, Bhagwan Mahavir International Research Centre for Scientific Research and Innovative Studies in Social Sciences, JVBI, Ladnun

Member of International Advisory Board of Jain Study Centre, Florida International University, Miami (Developed a two-hour lecture CD on Jain Philosophy and Science)

Convener, Jain Philosophy and Science Cell, Vigyan Samiti, Udaipur (for last 8 years)

Secretary, Dharma Darshan Seva Samsthan, Udaipur (for last 15 years)

Reviewer for the Journal "Philosophy Study" for one term

Produced a 35 minute documentary film on "Life of a Digambara Shravaka" for English speaking audience. This is available on You Tube at

<http://www.youtube.com/watch?v=qUJAdraeds8&feature=relmfu>.

Conferences and Seminars

Organized more than 10 such events. Proceedings of one Seminar published as a book "Jain Dharma Mein Vigyan" by Bhartiya Jnanapith, Delhi

Honours and awards

Jain Agam Manishi award by Jain Vishva Bharati, Ladnun and M.G. Daravagi Foundation, Kolkata

Second best paper award for Vargana Vigyan by Kundakunda Jnanapith, Indore

'Vishva Dharma Prabhakar' and 'Jain Gyan-Vigyan Tatvagya' by Dharma Darshana Vigyan Sodh Samsthan, Baraut

Professor Emeritus, Dept. of Jainology and Comparative Religions, JVBI, Ladnun

Coming from engineering background my effort has been to study Jain Philosophy from scientific perspective, interpret the Jain tenets in scientific terms and find correlation between Jain Philosophy and modern science. This, I believe, can establish Jainism as a scientific-spiritual religion of future.