

Dr. Arunbhai Manubhai Dave

Managing Trustee, Lokbharati Sanosara

At. Sanosara, Ta. Sihor, Dist. Bhavnagar, PIN: 364230, Gujarat

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1. Date of Birth:	January 26, 1950
2. Academic Profile:	<ol style="list-style-type: none">Primary: Sanosara Primary School and National Heritage School - Gramdaxinamurti, Ambla (1962)Secondary: Gramdaxinamurti Lokshala, Ambla (1966)Graduation: D. K. V. College, Jamnagar (1970)Postgraduation: Chemistry Department, Bhavnagar University (1972)PhD: Chemistry Department, Bhavnagar University (1983)
3. Positions Held:	<ol style="list-style-type: none">Professor, Science and Ecology, Lokbharati Lokseva Mahavidyalaya, from 1972 to 2010Main Rector, Lokbharati Gramvidyapith, 1988 to 1995Director, Lokbharati Lokseva Mahavidyalaya, from 1995 to 2010Vice Chancellor, Gujarat Vidyapeeth (founded by Mahatma Gandhi in 1920) from 2003 to 2005Managing Trustee, Lokbharati Sanosara, Since 2010
4. Expertise:	Gandhian Thought, Education, Ecology, Renewable Energy, Rural Development, Social Welfare Activities, Science Education
5. Professional Profile:	Born and brought up under the auspicious presence of stalwarts of Gandhian Thoughts such as Resp. Nanabhai Bhatt, Shri Manubhai Pancholi, Shri Moolshankarbhai Bhatt and Shri N. P. Buch as well as belonged to a highly respected family of freedom fighters wedded to Gandhian thoughts, joined as a professor of Science and Ecology, since 1973 in a residential institute of Rural Higher Education LOKBHARATI, Sanosara and had been appointed as the director of Lokseva Mahavidyalaya, LOKBHARATI, Sanosara. Meanwhile he was also appointed as a Vice Chancellor of Gujarat Vidyapith (founded by Mahatma Gandhi in 1920), Ahmedabad and rendered his services from October 2003 to May 2005. He re-joined the former job as the Director of Lokseva Mahavidyalaya from June-2005 to April-2010. At present, he has been carrying responsibilities of Lokbharati Gramvidyapith as the Managing Trustee since 2010 and also as the Managing Trustee of Gramdaxinamurti Ambla-Manar. After performing these professional responsibilities, rest of the time is allotted to pleasure attained from the work of Science and Technology for sustainable development of the

rural area. He has been editing the oldest Gujarati Science monthly VIGYANDARSHAN and an institutional newsletter KODIYUN.

- 6. Extension Services:** Has successfully implemented various projects during last 38 years sponsored by various funding agencies including Central and State Government to make Science Education simple, interesting, readily available and significant.

And also done fundamental work in the application of appropriate technology for sustainable rural development. To fulfil the target, he has arranged numerous lectures, slide-shows, film-shows, exhibitions, science fairs, seminars, work-shops, sky observations, demonstrations, training-programs, awareness campaign, quiz, exposure visits, science-rally, selling of subsidized books, distribution of scientific toys and kits during last 30 years for the students, teachers, villagers and urban masses on the subjects like-environment, energy, science education, health, astronomy, agriculture, biotechnology, water and soil conservation, medicinal plants, animal-husbandry and on eradicating the blind-faith from minds of people at large.

Getting the financial assistance from DNES, New Delhi and GEDA, Gandhinagar he has developed 'Energy- Park' containing attractive exhibition and working models of Non-Conventional Energy Sources. Has also monitored 70,000 smokeless *Chulhas* for many years and has distributed and erected Biomass gasifiers, Solar- Cookers, Windmills, Solar T.V. Sets, Solar Stills, Solar Lanterns, Solar Water Pumps, Solar Water Heating Systems, Biogas-Plants, Solar Light Sets and other energy saving devices for the benefit of surrounding villagers.

He was selected to host the Bharat Jan Gnan-Vignan Jaatha movement in 1987 and 1992, also invited three times to attend the national meetings at Delhi for MANTHAN program. Has arranged National Science Day celebration with great success since last 20 years. Honorary editor and writer since last 35 years in science magazine "VIGYANDARSHAN" and regular columnist in various magazines, about 500 articles, 150 Radio script and 1490 public lectures on popular science topics and more than 18 publications have on his name.

He also assists about 20 new writers and provide

them opportunities and helps them by editing their articles and printing books. Additionally, he has prepared textbooks and also work-books of science for Std. 5th, 6th and 7th to inspire students for self-learning with available local resources. Keeping the objective in mind "To provide a human approach to Science by bringing harmony in Education, Science and Technology and their application in everyday life", he has established a unique science center "LOKBHARTI COMMUNITY SCIENCE CENTER" at Lokbharati in 1973.

The purpose of well-equipped and well-conducted Center is to understand the universal problems, to educate students, teachers and masses and train them to apply science in their day-to-day life by providing them available resources and relevant information in order to develop scientific temper. This center has become a powerful resource center for the surrounding area, and is people's laboratory for the common mass. In addition to that, he is playing a major role to establish, maintain and keep intact 20 Community Science Centers of Saurashtra region.

7. Abroad Visits:

Having got the invitation, he visited 'The Children's Earth Fund Society' and 'Planetary Society' of U.S.A. and also 'Channel 4 Science Club' of U.K. where he studied and observed in the various schools, universities and institutes of science and technology in the year 1994.

A famous institute of Environment namely 'Field Study Council' of England invited him to have a dialogue on the environment. He has been also invited to France under the project of Indo-French Cultural Exchange program' in the year 2001 where he visited many other European Countries.

International Institute 'TAPOVAN' of France invited him to deliver lectures and appointed as a visiting fellow. As a part and partial of the institute's program, visited Holland, Belgium, Germany etc. in the year 2003.

Having received the invitation as a chief guest in the Golden Jubilee Function organized by "Kala Niketan-Shishukunj", he got an opportunity to visit Nairobi and East African countries to deliver lectures in different institute there in 2008.

Visited Israel for the participation- cum- study

in International Agro-Tech Fair, during a sponsored Tour by well-known NGOs, in 2009

Having received the invitation from Shree Moraribapu to listen the “Manas-Jesus” Ramkatha, visited Israel-Jerusalem during 1st to 11th May, 2012.

Work & Achievements

A. Contribution to Education:

1. Dedicated 50 years for the development of rural areas through Gandhian education and principles.
2. Initiated *Joyous Learning Campaign* in 176 Govt. schools of rural Bhavnagar wherein students are provided with STEAM education with fun-activities to reinforce their conceptual clarity. **His vision is to get students meaningfully engaged in the learning process and stop school-drop outs.**
3. Established *Avishkar – Innovative Science Center* in Moidhar (in rural Bhavnagar) wherein he is trying develop research and innovation skills among students of rural areas. Every day 100 students from the surrounding villages come to experience hands-on science. **His vision is to cultivate young minds for research so Indian can expect Noble Laureates in future.**
4. Leads **Lokbharati Community Science Center** to extend science to enable rural masses with basic science and technology to develop a scientific outlook in their life. Govt. of Gujarat recognized the center as the resource center for 32 other community science centers of the state.

B. Contribution to Environment & Sustainability:

1. Extensive work the area of Alternative Energy (e.g., Solar Cooker, Wind Energy, Bio Gas) Distributed 75,000+ Smokeless Chula for which he was felicitated with National Award “Shree Jamnalal Bajaj Award” by the Honourable Vice-President Shree Bhairovsingh Shekhawat in 2002.
2. Apart from that he played an instrumental role in making available Solar-Cookers, Solar T.V. Sets, Solar Stills, Solar Lanterns, Solar Water Pumps, Solar Water Heating Systems, Biogas-Plants, Solar Light Sets, Windmills, and other energy saving devices to villagers for which he was felicitated by America-based *The Children’s Earth Fund Society* for the propagation of Solar Energy in 1994.

C. Contribution to Rural Development:

1. Agro-Horticulture Research Center in Manar (Coastal Area of Bhavnagar) to increase farmers’ income by providing them the latest knowledge of agriculture. **His vision is to make farmers Atmanirbhar and reduce suicide rate with strategic planning and execution of workable solutions designed by collaborating with the best of the scientists from Israel and Thailand.**

2. He was selected to host the Bharat Jan Gnan- Vignan Jaatha movement in 1987 and 1992, also invited three times to attend the national meetings at Delhi for MANTHAN program.
3. Delivered 1490 public lectures on Gandhi, Science, Education, Spirituality, Sustainable Agriculture and Rural Development.
4. Edited a science magazine named "VIGYANDARSHAN" for last 35 years and Kodiyu for about a decade now.
5. Published 500 articles, delivered 150 Radio talks and 18 publications to his credit.
6. He has prepared textbooks and work-books of science for Std. 5th, 6th and 7th for the Govt. of Gujarat based on the pedagogy of self-learning.

D. Major Awards, Felicitations and Recognition:

▪ International Level:

- 1) National Geographic Society gave him a membership on invitation- (1989)
- 2) The Carl Sagan's Planetary Society of America has felicitated for writing articles regarding Astronomy in Vernacular language-(1994) also gave a lifetime membership.
- 3) Honoured with the felicitation by Channel 4 Science Club - U. K. for promoting scientific application to the people (1994)
- 4) New York Academy of Sciences-USA presented an active membership- (1998)
- 5) International Environment Education Institute 'TAPOVAN' of France appointed as a visiting faculty (2003).
- 6) "Kala Niketan- Shishukunj"- Nairobi - Africa invited as a chief guest in the Golden Jubilee Function (2008)

▪ National Level:

- 1) Bharat Jan Vigyan Jatha - Delhi appointed as a member of National Core Committee (1987).
- 2) National Award "The Divaliben Mohanlal Mehta" by then Honorable President of India Shri Ramswami Venkataraman-(1995)
- 3) Awarded by "Saurashtra Education Foundation" Mumbai- (1996)
- 4) Felicitated by "Sadbhav Foundation" Mumbai- (1996)
- 5) Awarded by "Marathi Vigyan Parisad"- (1996)
- 6) Felicitated by "Shree Navalbhai Parekh Vidyamandal" with renowned encyclopedia of McGraw Hill of Science & Technology-(1997)
- 7) Awarded "Vijaya Shree" from I.I.F.S. Delhi- (1997)
- 8) Felicitated by the National Award "Shree Jamnalal Bajaj Award" by the Honorable Vice-President Shree Bhairon Singh Shekhawat- (2002)
- 9) Indian Institute of Advanced Study- Shimla appointed as a member of governing body (2003).
- 10) National Council of Rural Institute (Ministry of HRD, Government of India), Hyderabad appointed as a member of Governing Body since 2009.

▪ **State Level:**

- 1) Felicitated by “Bhavnagar District Co-operative Federation”-Bhavnagar (2003)
- 2) Honoured with the recognition of the contribution in the field of Rural Technology by DivyaBhasker while felicitating outstanding achievers of Bhavnagar district.
- 3) “Gujarat Sanman” by the then Hon’le Chief minister, Shree Narendra Modi and Hon’le Governor of the Gujarat state for an exemplary contribution in the field of Education (2012).
- 4) Honoured by Giants International for the exemplary work in the field of Science Education (2014)
- 5) Felicitated by the ‘Bhai-Tai award’ as an appreciation of the services in the world of education (2014)
- 6) Honoured by the Hon’ble Governor Shree Kohliji as an appreciation of the Integrated Rural development and services through ‘Aapnu mandal’ (2014)
- 7) Honoured with the felicitation by Resp. Shri Moraribapu during a ceremony titled as “100 stalwarts-10 human Jewels”, organized at Rajkot (2015).
- 8) Lifetime Achievement Award for the dedication and contribution to the Education, by Shree Rameshbhai Oza at Sandipani Vidyaniketan, Porbandar (2015).
- 9) “Best Teacher Award” in the auspicious presence of Shree Moraribapu by Shishuvihar, Bhavnagar (2015).
- 10) “The Best Citizen Award” of Bhavnagar district by the Government representative-deputy Collector Shree Saiyadsaheb (2016).
- 11) “Life-time Best Teacher”by Shri Kadvibai Virani Kanya Vidyalaya Trust, Rajkot (2016).
- 12) “Sarswat Award” by Achala Education Foundation, Ahmedabad (2016).
- 13) “Sarswat Gaurav Award”by Gujarat Vishvkosh, Ahmedabad (2016)
- 14) Felicitated with ABP Asmita Sanman Award on 15-02-20 in Ahmedabad by Shree Vijay Rupani, Hon’ble Chief Minister, Gujarat

▪ **Social Work and Mentorship:**

President	RaviKrupa Trust – Ahmedabad
President	Saurashtra Lokshala Sangh – Ambla
Managing Trustee	Lokbharti Gramvidyapith – Sanosara
Managing Trustee	Gram Daxinamurti- Ambla, Manar
Trustee	Daxinamurti Vidharthi Bhavan, Bhavnagar
Trustee	Vallabh Kanya Vidhyalaya – Rajkot
Trustee	Triveni Kalyan Foundation – Kalsar
Trustee	Saurashtra Education Foundation - Mumbai, Rajkot
Trustee	Balavant Parekh Vigyan Nagari - Bhavnagar
Trustee	Nagarbhai Doshi Smarak Nidhi - Chalala
Trustee	Nanni Bala Charitable Trust - Ratnal-Bhuj
Trustee	Women’s ITI, Bhavnagar
Trustee	Gram Nirman Samaj, Mahuva

Trustee	Saurashtra Gandhiji Gramoddhar Trust, Gadhada
Trustee	Lokmitra - Dhedhuki
Trustee	Gangajala Vidyapith - Aliyabada
Trustee	Shree Kasturba Stri Vikas Gruh, Jamnagar
Vice-president	Gujarat Nai Talim Sangh - Ahmedabad
Member	Rastriy Gramin Sansthan Parishad (NCRI-GB) Hyderabad
Member	Shishukunj International - Ahmedabad
Member	General Council and Finance Committee Children's Uni.
Member	Jamnalal Bajaj Award Selection Committee, Mumbai
Advisor	Gujarat Council on Science and Technology, Gandhinagar
Former Advisor	Participatory Irrigation Management of SSNL, Gandhinagar
Former Member	Channel 4 Science Club - U. K.
Former Member	Carl Sagan Planetary Society, U. S. A.
Former Member	National Geography Society - U. S.A.
Former Member	Department of Public Education, NASA - U. S. A.
Former Member	Tapovan – France
Former Member	Gujarat Energy Development Institute - Gandhinagar
Former Member	Gujarat Ecology Commission - Gandhinagar
Former Member	Bharat Jan Vigyan Jatha – Delhi
FormerDean	Rural Faculty - Bhavnagar University, Bhavnagar
Former Member	Kappart - Ahmedabad – Delhi
Former Vice-Chancellor & Trustee	Gujarat Vidyapith – Ahmedabad
Former Member	Indian Institute of Advance Studies (GB) - Shimla
