

# Curriculum Vitae



**Name** : **Prof. Arun Kumar Dave**  
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## Academic Excellence:

- **Primary** : Sansosara Primary school and National Heritage school- Gramdaxinamurti, Ambala: 1962
- **Secondary** : Gramdaxinamurti Lokshala, Ambala: 1966
- **Graduation** : D.K.V. College, Jamnagar: 1970
- **Post-graduation** : Chemistry Department, Bhavnagar: 1972
- **Ph.D.** : Chemistry Department, Bhavnagar: 1983

**Areas of Proficiency and Interest :**

Science Education, Basic education, Environment, Energy, Astronomy and Rural Technology

**Present job :**

Belongs to a highly respected family of freedom fighters wedded to Gandhian Thoughts. Has been teaching as a professor of Science and Ecology, since 1973 in a residential institute of Rural Higher education LOKBHARTI, Sanosara and had been appointed as the Director of Lokseva Mahavidyalaya, LOKBHARTI, Sansosara. 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 rejoined the former job as the Director of Lokseva Mahavidyalaya from June-2005 to April-2010. At present, he is carrying responsibilities of Lokbharti Gramvidyapith as the Managing Trustee. 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.

**Services Rendered for Popularizing Science :**

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 on the application of appropriate technology for sustainable rural development. To fulfill 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 the last 30 years for the students, teachers, villagers and urban masses on the subjects like environment, energy, science education, health, astronomy, agriculture, bio-technology, 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 Biomassgasfires, Solar-Cookers, Windmills, Solar T.V.Sets, Solar Stills, Solar Lanterns, Solar Water Heating Systems, Bio-gas 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.

### **Major works & Publication:**

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 1845 public lectures on popular science topics 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 text-books and also work-books of science for Std.5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> to inspire students for self-learning with available local resources. He has also published booklets on :

- (1) Laser
- (2) Indians on South Pole
- (3) Halley’s Comet
- (4) Ozone Layer
- (5) Green House Effect
- (6) Acid Rain
- (7) Story of Missiles
- (8) Organic Farming
- (9) Ramta Ramta Vignan
- (10) Non-Conventional source of energy
- (11) Place of earth in Cosmos
- (12) Syllabus package for Environment
- (13) Buniyadi Nai Talim Education
- (14) Global Warming
- (15) Exhibition on Nai talim Education
- (16) Shilbhadra Shikshak: Laljibhai Nakrani

### **Voluntary Services :**

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 “ LOKBHARTICOMMUNITY SCIENCE CENTER” at Lokbharti 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.

### **Respectful Services:**

Due to his deep insight, highly subtle sense and profound knowledge in science, education, environment, Gandhian Thought, managing capability as well scientific temperament with total dedication towards his work paved the way for rendering his precious services to 15 renowned institutes as a trustee or an advisor or a member.

### **Visits Abroad :**

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.

- (1) A famous institute of Environment namely ' Field Study Council' of England invited him to have a dialogue on the environmental topics. He has been also invited to France under the project of Indo- French Cultural Exchange program' in the year 2001, There, he visited many other European Countries.
- (2) 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.
- (3) 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.
- (4) Visited Israel for the participation-cum-study in International Agro-Tech Fair, during a sponsored Tour by well-known NGOs, in 2009.

- (5) Having received the invitation from Res. St. Shri Moraribapu to listen the “Manas-Jesus” Ramkatha, visited Israel-Jerusalem during 1<sup>st</sup> to 11<sup>th</sup> May, 2012.

### **Awards & Appreciation:**

For the propagation and efforts of taking Science up to the last villager as well to popularize Science and to present before the community interestingly and readily, he has written many articles, delivered lectures at home and abroad and implemented many projects of Environment, Energy, Education and Rural Development etc. He has been editing a science magazine-“VIGYANDARSHAN.”

For such contribution of its kind, he has been felicitated and awarded by about 50 institutes. Chiefly among them are :

- (1) The Carl Sagan’s Planetary Society of America has felicitated for writing articles regarding Astronomy in Vernacular language (1994).
- (2) Honoured with the felicitation by channel for science club- U.K.for promoting scientific application to the people.(1994)
- (3) Felicitated by America-based The Children’s Earth Fund Society for the propagation of Solar Energy (1994)
- (4) Felicitated by the National Award “The Divaliben Mohanlal Mehta” by then Honorable president of India Shri Ramswami Venkataraman-(1995)
- (5) Awarded by “Saurashtra Education Foundation” Mumbai –(1996)
- (6) Felicitated by “Sadbhav Foundation” Mumbai-(1996)
- (7) Awarded by “Marathi Vigyan Parishad”-(1996)
- (8) Felicitated by “Shree Navalbhai Parekh Vidyamandal” with renowned encyclopedia of McGraw Hill of Science & Technology-(1997)
- (9) Awarded “Vijaya Shree” from I.I.F.S. Delhi-(1997)
- (10) Felicitated by the National Award “Shree Jamnalal Bajaj Award” by the Honorable Vice President Shree Bhaironsingh Shekhavat-(2002)
- (11) Honoured with the recognition of the contribution in the field of Rural Technology by Divya Bhaskar while felicitating outstanding achievers of Bhavnagar district.
- (12) Felicitated by the Hon’ble Chief minister and Hon’ble Governor of the Gujarat State with ‘Gujarat Sanman’ on 26<sup>th</sup> January, 2012 for an exemplary contribution in the field of Education.

### **Contribution to the other Organizations :**

- (1) **President :** Ravikrupa Trust-Ahmedabad
- (2) **President:** Saurashtra Lokshala Sangh-Ambla
- (3) **Managing Trustee:** Lokbharti Gramvidyapith-Sansosara
- (4) **Managing Trustee:** Gram Daxinamurti-Ambla, Manar
- (5) **Trustee:** Daxinamurti Vidyarthi Bhavan, Bhavnagar
- (6) **Trustee:** Gangajala Vidyapith-Aliyabada
- (7) **Trustee:** Vallabh Kanya Foundation-Rajkot
- (8) **Trustee:** Triveni Kalyan Foundation-Kalsar
- (9) **Trustee:** Saurashtra Educatio Foundation-Mumbai, Rajkot
- (10) **Trustee:** Lokmitra-Dhedhuki
- (11) **Trustee:** Balvant Parekh Vignan Nagari-Bhavnagar
- (12) **Trustee:** Nagarbhai Doshi Smarak Nidhi-Chalala
- (13) **Trustee:** Nanni Bala Cheritable Trust-Ratnal-Bhuj
- (14) **Trustee:** Vidyadham Lokvignan Kendra-Bhavnagar
- (15) **Vice President:** Gujarat Nai Talim Sangh-Ahmedabad
- (16) **Member:** Rashtriys Gramin Sansthan Parishad, Hyderabad
- (17) **Member:** Shishukunj International-Ahmedabad
- (18) **Member:** General Council and Finance Com. Children's Uni.
- (19) **Member:** Jannalal Bajaj Award Selection Committee

### **Former Services :**

- (1) **Member :** Channel for Science Club-U.K.
- (2) **Member :** Carlseگان Planetary Society,U.S.A.
- (3) **Member :** National Geography Society-U.S.A.
- (4) **Member :** NASA:Lokshikshan Department-U.S.A.
- (5) **Member :** Tapovan-France
- (6) **Member :** Gujarat Energy Dev. Institute-Gandhinagar
- (7) **Member :** Guajrat Ecology Commission- Gandhinagar
- (8) **Member :** GUJCOST-Gandhinagar
- (9) **Member :** Bharat Jan Vignan Jatha-Delhi
- (10) **Dean :** Rural Faculty-Bhavnagar University, Bhavnagar
- (11) **Member :** Kapart-Ahmedabad-Delhi
- (12) **Vice-Chancellor :** Gujarat Vidyapith-Ahmedabad
- (13) **Member :** Indian Institute of Advance Study (GB)-Shimla
- (14) **Trustee :** Gujarat Vidyapith-Ahmedabad