

## Curriculum Vitae



<b>Name of the Chief Functionary and Organization</b>	Mr.M. SUBBURAMAN Society for Community Organization and Peoples Education (SCOPE) No: 40, Ramalinga Nagar, West Extension part II, Woraiyur Tiruchirappalli- 620003.Tamil Nadu, India. Ph.no: 0431-2774144, Mob.no.94431 67190 E-mail: <a href="mailto:scopeagency1986@gmail.com">scopeagency1986@gmail.com</a> ; <a href="mailto:scopeagency1986@rediffmail.com">scopeagency1986@rediffmail.com</a> Website: <a href="http://www.scopetrichy.com">www.scopetrichy.com</a>
<b>Date of Birth</b>	05.04.1949
<b>Academic</b>	B.Sc., B.Ed.,
<b>Professional</b>	<p>A graduate in Science with Bachelor degree in education underwent training as a social worker in a reputed Village Reconstruction Organization founded by Fr. Wendi of Belgium for more than ten years in different capacities in different parts of India from 1976. During this period acquired adequate knowledge on community / women issues and, low cost housing techniques, rural sanitation, sanitation park, awareness education, leadership formation, formal and non- formal education, health and family welfare education, watershed etc, by attending various trainings workshops and seminars.</p> <p><b>SCOPE:</b> Established an NGO, Society for Community Organization and People's Education(SCOPE) in 1986 as a registered Trust to address issues related to Sanitation and Water Women livelihood and empowerment, SHG movement, Watershed Development etc.,</p> <p>Focused work on Ecological Sanitation since 2000 and specialization in Urine Diversion Toilets, Research on Urine and Human waste compost and toured various parts of the World for dissemination of ECOSAN Urine Diversion Toilets, Member of National and State Bodies related to Water and Sanitation and Member ECOSAN steering committee Government of India.</p>
<b>Specific achievements</b>	<p>Constructed 20,000 Toilets in Musiri Block under the TSC programme from 1997 - 2004.</p> <p>Constructed 1200 Ecosan Urine Diversion Toilets (UDDT) in Musiri Block</p> <p>Constructed 350 UDDTs in Tsunami hit coastal village of Kameshwaram, Nagai District.</p> <p>Constructed Three Ecosan Community Compost Toilets (ECCT) in Musiri (first in the country)</p> <p>Introduced "use toilet and get money" scheme instead of pay and use toilet at Saliyar Street ECCT, Musiri which is first of its kind in the World.</p> <p>Conducted Two Phase Research in the paddy field by using Human urine as liquid fertilizer, with the technical support of TNAU, Coimbatore</p> <p>Conducted Banana research, using urine as a liquid fertilizer with the technical support of NRCB, Trichy.</p> <p>Started pilot urine bank for research and further study for extraction of struvite the nutrient in urine in powder form for farm application with the support of IIT, New Delhi.</p> <p>Constructed one pilot model Sludge Treatment Plant at Musiri to avoid the contamination of sludge water in to the irrigation canal and the river Cauvery.</p> <p>Constructed Twelve (12) School UDDTs in Trichy, Nagapatinam, Krishnagiri and Kancheepuram Districts.</p> <p>Given masonry Training for Construction UDDTs in the States of Andhra Pradesh, Bihar, Jharkhand, Maharashtra, Orissa, West Bengal and Uttranchal states with the support of UNICER, Plan International and under the TSC programme of Government of India.</p> <p>Women's Milk Cooperative Society was awarded Best Coop Society Award in Tamil Nadu State in 2010</p> <p>Quality construction in rural housing increased ownership and better upkeep</p> <p>Improved health and kitchen sanitation in 1500 households due to Smokeless stoves</p> <p>Rural library functioning and contributed to total literacy in village Kattukulam, Musiri Block</p> <p>Cent percent financial inclusion in this village through bank accounts</p> <p><b>SCOPE as Key Resource Centre [KRC]:</b> The Department of Drinking Water and Sanitation which appointed SCOPE, Trichy as KRC .</p>
<b>Award/Prize/</b>	Best NGO Award for clean village by <b>Tamil Nadu Chief Minister J.Jayalalitha</b> on Aug 15 <sup>th</sup>

<b>Certificates etc:</b>	<p>2005.  Nirmal Gram Puraskar Award for Best NGO in Sanitation by <b>Dr. A.P.J. Abdul Kalam, President</b> of India on March 23, 2006  Best NGO Award by the District Collector of Trichy on Jan 26<sup>th</sup> 2006  Doctorate Award by Inter-American University of Humanistic Studies (USA)  Best Citizen Award by International Publishing House, for single-minded approach in implementing the organizational aims of working for rural development and lifting of the rural poor.  Best NGO award, exnora, Trichy, 2007.  Best Sanitation Award by Dist Collector, Trichy, 2010.</p>
<b>Position Occupied:</b>	<p>Pioneer in the field of ECOSAN Toilet in India  Resource person and consultant for Department of Water and Sanitation Government of India  Resource person for UNICEF programmes on water and sanitation at the State and Government of India level  Member, State WATSAN committee  Member of the District Water, Health and Sanitation Committee  Member of Trichy City Corporation, Solid Waste Management Committee.  Executive Member of State Sanitation Society, Chennai.  Member, high level team for study about the drinking water and sanitation system to be implemented in Tripura and Andaman.  Member, Central Committee to study flood prone areas sanitation problems in Bihar, Andaman and Tripura</p>
<b><u>Resource Person</u></b>	<p>Delegate and Resource person for ECOSAN Workshops held at Bangalore, Pune, Trichy, Bhopal and Delhi organized by UNICEF  Delegate and Resource Person for ECOSAN at Philippines organized by WASTE, Netherlands and at Stockholm Sweden.  Resource Person for ECOSAN at the World Water Conference IV, Mexico organized by World Water Forum.  Master Resource Person for ECOSAN training for FINISH Project.  Rural Housing  Entrepreneurs' Development Programme</p>
<b>Countries Visited :</b>	<p>China, Bangladesh, Sri Lanka, Nepal, Philippines, Mexico, Sweden, Ghana, Netherlands and Costa Rica, Benin (SW Africa).</p>
<b>Delegate and Resource person for ECOSAN Workshops/ Other programmes.</b>	<p>Held at Bangalore, Pune, Trichy, Bhopal and Delhi organized by UNICEF, Philippines organized by WASTE, Netherlands and at Stockholm Sweden.  World Water Conference IV, Mexico organized by World Water Forum.  International conference on Sustainable Sanitation held at China, 2007.  SACOSAN –III CONFERENCE held at New Delhi in 2008.  Knowledge Node Workshop organized by GTZ, Germany at New Delhi March 2009.  Regional workshop on sustainable sanitation at Sri Lanka on 27<sup>th</sup> April 2009  Meeting on Liquid and Solid Waste Management arranged by Dept. of DWS, New Delhi on 16<sup>th</sup> June 2009.  International conference on WHSC organized by IIT, Kanpur, U.P on 24<sup>th</sup> &amp; 25<sup>th</sup> November 2009  Techno Economic sanitation feasibility study for a village in Dibrugarh District of Assam  Bill &amp; Melinda Gates Foundation, USA organized a three day international fair Reinvent The Toilet Fair (RTTF) in New Delhi from March 20<sup>th</sup> to 22<sup>nd</sup>, 2014 and SCOPE displayed Ecosan toilet model and many visited the stall.  A model zero waste discharge sustainable ECO Home has been built in Trichy City  The sanitation park built at SIRD was renovated by SCOPE as per the NBA guidelines.  Community Toilet survey in Ko.Abisekapuram [ward No46] of Trichy City Corporation was completed in May'14 and proposal to renovate two toilets was submitted.  SCOPE is a member in the sanitation and Solid Waste Management committees at the District, State and National level:  Chairman of the Sub Committee on Water and Sanitation of Tamil nadu  ECOSAN Construction training for two persons from Agartala, Tripura from 2<sup>nd</sup> July to 5<sup>th</sup> July</p>

2014 Mr. Susanta Karmakar, NBIRT (NGO), Agartala, Tripura and Ratish Debbarma, Junior Engineer, Bishalgarh, Tripura.

***Workshop cum Exhibition on Innovation in Water & Sanitation technologies and Techno-***

***economic adaptability of Ecological Sanitation***: participated and presented a power point at the workshop in New Delhi on 26<sup>th</sup> & 27<sup>th</sup> August 2014. A model of the ECOSAN toilet was exhibited. Explained the advantages of ECOSAN compare with other types of toilet models.

National Workshop on “***Introducing Best Practices in Septage Management with a Focus on Hilly Regions***” at DDWS, New Delhi on **10 October 2014**. SCOPE presented Power point Presentation on septage management

***State Planning Commission meeting***: Elimination of ODF - Consultative meeting held on 30th Oct 2014 by Tamil nadu State Planning Commission at Chennai presided over Mrs. Shantha Sheela Nair, I.A.S., Retd, Vice Chairman State Planning Commission and addressed by Director of Rural Development. NGOs and sanitation activists participated.

State Planning Commission – State Balanced Growth Fund - Elimination of ODF - Consultative meeting Chennai held on 30th Oct 2014

IOCL-CSR Workshop on Sustainable Sanitation, Chennai SCOPEs experience in WATSAN with focus on CSR (IOCL) on 10<sup>th</sup> November 2014.

Stakeholders Meeting: IOCL, Chennai beneficiaries of hand pumps constructed five village Panchayaths were conducted at Neerpalani village on 19<sup>th</sup> November 2014.

NIRD organized a 5-day training programme on 'Behavioural Change Communication for Rural Sanitation Promotion' from 1st to 5th December 2014 at SIRD, Maraimalai Nagar, Tamil Nadu. SCOPE presented Power point presentation on 'Technology Options for Rural Household Toilets'

Mr. Vijayakumar, Project Director, DRDA, Thirunelveli District – invited SCOPE to conduct Orientation training on sanitation to panchayath President on 20<sup>th</sup> January at Thirunelveli and 21<sup>st</sup> January 2015 at Thenkasi. Power Point on kinds of toilets, construction method, and its functioning and usage methods were explained.

Feb 11<sup>th</sup> & 12<sup>th</sup> 2015 Workshop on innovation – participated and power point presentation on Ecosan ecological sanitation organized by CIPS Hyderabad.

Feb 16<sup>th</sup> & 17<sup>th</sup> 2015 consultant school toilet complex construction programme at Mangalore for leaf society.

Feb March & April 2015 Resource person for technological options in sanitation organized by NIRD.

April 7 2015 Attended ECOSAN meeting at Mahabalipuram organized by Directorate of Town Panchayath Chennai.

May 2<sup>nd</sup> 2015 Water & Sanitation study in Chatishkar Government Programme in Regullanka & Sundarbans.

City Sanitation Plan training programme for town Panchayath officials. Trichy, Thanjavur, Madurai, Thirunelveli, Nagarkovil, Sivagangai, Theni in the month of July'15.

Aug 10 to 12'15 Elanthai kudam sanitation study supported by RISHI

Attended research interview on Aug 4'15 conducted by DDWS New Delhi.

September 15th attended as a resource person for Ecosan organized by pearl trust. Participated NIRD workshop technology option on 6<sup>th</sup> October'2015.

Regulanka AP & Sundarban West Bengal Ecosan Ecological sanitation study conducted with the support of TDH on 4 to 10

Designed and constructed Angan vadi toilet in Kuthuppa pallam for annai asiramam with the support of inner view Trichy.

Participated KEY RESOURCE CENTRE workshop at Hyderabad on 3<sup>rd</sup> December '15 organized by DDWS Delhi.

Participated Urban Sanitation workshop on 6<sup>th</sup> January 2016 organized by CDD Bangalore. Participated Sugathara Pongal at V.A Samuthiram on 17<sup>th</sup> Jan 2016.

Participated NSS camp Janjosaph Anglo Indian school and Seva Sangam on 31<sup>st</sup> Jan 2016.

IAS trainees from Musouri field visit on 4<sup>th</sup> Feb'16 and explained about sustainable sanitation in the villagers in Musiri and Thuraiyur block.

Participated workshop on solid and liquid waste management organized by FIN (FRIENDS IN NEED)

	<p>Participated WASH EXPO 2016 in Chennai organized by UNICF &amp; VIT Universities. Participated learning guide preparation (Solid and liquid waste management and school health programme at Chennai on 27<sup>th</sup>, &amp; 28<sup>th</sup> Feb'16 and Bangalore on 29<sup>th</sup> organized by FINISH SOCIETY New Delhi.</p>
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M. Subburaman  
Managing Trustee

Date: 10.06.17  
Place: Trichy