

<p>Dr.S.KANMANI Professor & Director</p>	<p>Centre for Environmental Studies, Department of Civil Engineering, Anna University, Chennai-600 025. Email: skanmani@annauniv.edu skanmani@hotmail.com, Phone Office: 044-2235 9027/044-2235 9009 044-2235 3083/044-2235 4296 Date of Birth: 11 May 1967</p>
<p>Additional Responsibility</p>	
<ul style="list-style-type: none"> • Director, Centre for Environmental Studies), Anna University, Chennai – 600 025 (June 2015 –Till Date). • Director, Centre for Technology Development and Transfer (CTDT), Anna University, Chennai – 600 025 (June 2012 - May 2015). • Deputy Director, Centre for Technology Development and Transfer (CTDT), Anna University, Chennai – 600 025 (January 2012 - May 2012). 	
<p>Professional Objectives</p>	
<ul style="list-style-type: none"> • To educate the future leaders of environmental profession. • To conduct research for pollution prevention and pollution control of air, water and soil and to promote technology for sustainable Environmental Management 	
<p>Qualification</p>	
<ul style="list-style-type: none"> • Ph.D. Environmental Engineering, College of Engineering Guindy (CEG), Anna University. • M.E. Environmental Engineering, College of Engineering Guindy(CEG), Anna University. • B.E. Civil Engineering, College of Engineering Guindy(CEG), Anna University. 	
<p>Work Experience</p>	
<ul style="list-style-type: none"> • Teaching Experience -32 Years • Total Experience after PhD- 22Years • Administrative Experience- 10 Years 	
<p>Awards</p>	
<ul style="list-style-type: none"> • Tamil Nadu Scientist Award (TANSA) 2016 in the discipline of Engineering & Technology. • Tamil Nadu Young Women Scientist Award in the discipline of Engineering & Technology in the field of Environmental Engineering(2005). • Eminent Engineering in the field of Environmental Engineering (2017) from The Institution of Engineers (India). • Hiyoshi Think of Ecology Award 2013 Dedication and outstanding research in the field of Environmental conversation and Protection in India (Elected) from Hiyoshi Corporation, Japan. • The ShrimatiSaromaSanyal Memorial Prize for Performance Evaluation of Modified UASBR as Alternative to specific Tank for Research Paper (Elected) from The Institution of Engineers(India). • Active Consultant Award 2018 from Centre for Technology Development and Transfer, Anna University, Chennai • Supervisor for Best Student Innovation Project (Technology & Innovation) 2018 for Demonstration and Evaluation of UV LED Technology for Drinking Water Disinfection from Centre for Technology Development and Transfer, Anna University, Chennai. • Late Dr.CR Krishnamurthi Endowment 2017 for Best in Centre for Environmental Studies from CEG, Chennai. • Selected as the best paper presenter 2021 for International Conference on Advances and Innovations in Recycling Engineering (AIR-2021) • Excellence Award for paper presentation 2021 for 11th International Conference Sustainable Waste Management & Circular Economy and IPLA Global Forum 2021 • Innovation Award – 2022 from Centre for Sponsored Research and Consultancy, Anna University (2023) • Commendation Award from National science day celebrations 2023, Anna university & Tamil Nadu state council for science and technology, govt. Of Tamil Nadu (2023) 	
<p>Patents</p>	
<ul style="list-style-type: none"> • Awarded- 4 No 	
<p>Professional Experience</p>	
<ul style="list-style-type: none"> • Teaching Environmental Engineering/ Management courses for UG & PG Degree Programmes & organizing Field visits / Study tours. • Teaching Environmental Engineering/ Management courses for UG & PG Degree Programmes & organizing Field visits / Study tours. • Disseminating the findings of the research studies by publishing in National / International journals & also by presenting in National / International Conferences. • Developing & Maintaining Environmental Engineering Laboratory to cater to the needs of UG, PG, MS (by Research) & Ph.D. research works as Lab-incharge. • As Principal Investigator, carrying out R&D funded environmental research projects for Environmental Protection & Conservation. 	

- Active involvement in the preparation of syllabus for various academic courses.
- Active involvement in the developmental works of the Department.
- Active involvement in developing & organizing continuing education programmers to cater to the needs of the Government, Industries and Community.
- Teaching UG courses and conducting practical classes and organizing field visits/study tours

Areas of Research

- Reclamation and Reuse of Industrial wastewaters by Chemical and biological treatment processes
- Environmental Applications of AOPs for Industrial Water Pollution Control
- Degradation of toxic and non biodegradable organic pollutants in gaseous and aqueous phases
- Utilization of renewable solar energy and Design of solar photocatalytic reactors and pilot scale studies for treatment of industrial wastewaters
- Utilization and solidification of Industrial sludge
- Converting waste into energy(Solar Photocatalytic generation of Hydrogen from hydrogen sulphide)
- Environmental Management Plan for Industries
- Waste Minimization / Cleaner production for Industrial Waste Management
- Remediation of soil for heavy metals and organic pollutants

Research Publications

- National and International Journals : 128
- National and International Conferences : 127

Countries visited

- Japan, USA, UK, Germany, Belgium and Thailand.

Membership in Professional Societies

- The Institution of Engineers
- Institution of Public Health Engineers India (IPHE)
- Indian Water Works Association (IWWA)
- Indian Association For Environmental Management(IAEM)
- PDGF-TNSUDP for Greater Chennai Corporation (GCC) on Public-private partnership (PPP) mode.
- CMDA – Land Use & Environment Monitoring & Review committee.
- Green Award Committee (TNPCB, DOE).
- NAAC Peer team (Anna University).
- CODISSIA (Organizing Committee member

Expert Member

- State Level Expert Appraisal committee (SEAC), State of Tamil Nadu, Ministry of Environment Forest and Climate change, Government of India/University of Madras (Member of senate).
- Expert Advisory Committee (EAC) on "Waste Management Technologies" (WMT) program of Department of Science & Technology (DST), Ministry of Science & Technology, GOI, Technology Development & Transfer Division.
- Plastic waste management of State level Advisory committee as per Plastic Waste Management rule 2016.
- Rural Development and Panchayat Raj Technical Committee for Establishment of 5 Fecal sludge Treatment plants on pilot basis under Swachh Bharat Mission
- Joint committee in connection with the Hon'bleNGT(SZ) order dated 15.12.2020 (OA NO.256 of 2020(SZ))related to newspaper report of 6 industries in North Chennai.
- Water today's Steering (Expert Advisory Committee)
- Member in Board of Studies in many universities& Engineering college.
- IIT(Selection committee).
- First Scientific Advisory Committee Meeting of the Chennai Science (Advisory Committee Meeting).
- BharathiarUniversity(Subject Expert).

Research Guidance

- PhD : 12 (Completed) & 5 (Research works ongoing)
- BE : 4 (Completed)
- MS : 1 (Completed)
- MSc : 9 (Completed)
- ME : 136 (Completed)

