




THAMIRABHARANI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Chathirampudukulam, Chidambaranagar - Vepemkulam Road

Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Dr. A. VIMALA EBENEZER		
Designation	Professor		
Department	Civil Engineering		
Total Teaching Experience	17.5 Years		
Total Research Experience	5.75 Years		
Total Industry Experience	4.25 Years		
Area of Specialization	Environmental Engineering		
Email ID	vimalajulius1@gmail.com		
EDUCATION DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.E./Civil Engineering	Madurai Kamaraj	1989
PG	M.E./ Environmental Engineering	Anna University of Technology, Tirunelveli	2011
Ph.D	Faculty of Civil Engineering	Anna University, Chennai	2016
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. Vimala Ebenezer. A., Arulazhagan. P., Rajesh Banu. J., Adish Kumar. S., 2015, Coupled ozonation with aerobic sequential batch reactor for treatment of distillery wastewater, Int..J.Curr..Microbiol.App..Sci. 2(6), pp. 137-145.			
2. Poornima Devi. T., Vimala Ebenezer. A., Adish Kumar. S., Kaliappan. S., Rajesh Banu. J., 2014, Effect of deflocculation on the efficiency of disperser induced dairy waste activated sludge disintegration and treatment cost, Bioresource Technology, Volume 167, pp 151-158.			

3. Vimala Ebenezer. A., Arulazhagan, P. Adish Kumar.S., Ick-Tae Yeom, Rajesh Banu. J., 2015, “Effect of deflocculation on the efficiency of low-energy microwave pretreatment and anaerobic biodegradation of waste activated sludge, *Applied Energy* 145, pp., 104–11.
4. Vimala Ebenezer. A., Kaliappan. S., Adish Kumar. S., Ick-Tae Yeom, Rajesh Banu. J., 2015, “Influence of deflocculation on microwave disintegration and anaerobic biodegradability of waste activated sludge”, *Bioresource Technology*, *Volume 185*, pp., 194-201.

Conference Proceedings

1. Vimala Ebenezer. A., 2006, “Impact of Environmental pollution” in the National Seminar conducted by the Department of Economics, St. Mary’s College, Thoothukudi.
2. Ivin Shaju. D., Vimala Ebenezer, Rajesh Banu. J., 2015, “An investigation on sludge reduction potential of sonic pretreatment stimulated by advanced oxidation process using Fenton reagent”, National Conference on Modern Trends in Civil Engineering, NCMTC’15, pp.20.
3. Vinoth Kumar. J., Vimala Ebenezer, Kavitha. S., Rajesh Banu. J., 2015, “Effect of disperser induced deflocculation on microwave disintegration of waste activated sludge for biofuel production”, National Conference on Modern Trends in Civil Engineering, NCMTC’15, pp.61.

Books / Chapters Published

1. Tamilarasan Karuppiyah and Vimala Ebenezer Azariah, 2019, “Biomass Pretreatment for Enhancement of Biogas Production”, Intech Open, DOI: <http://dx.doi.org/10.5772/intechopen.82088>.
2. Vimala Ebenezer. A., Dinesh Kumar. M., Kavitha. S., Do Khac Uan and Rajesh Banu. J., “State of the art of food waste management in various countries”, Book - Food Waste to Valuable Resources Applications and Management, Chapter 14, pp. 299-323.

Fund Received

Sl. No.	Sponsored Agency	Title of the Project	Period	Amount

Nil

Patent Applied / Published / Granted

Nil

CITATIONS	246
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RESEARCH GUIDANCE DETAILS			
Sl. No.	University	Supervisor ID / Reference	
1	Anna University Chennai	2910011	
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS			
Sl. No.	Professional Society Name	Member ID	
1	The Indian Society of Technical Education (ISTE)	LM 49696	
FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED			
Sl. No.	Name of the FDP	Name and address of the venue	Year
1	FDTP on Design of Steel Structures	V V College of Civil Engineering	2017
2	National Level online FDP on Research Trends in Civil Engineering	St. Peter's College of Engineering and Technology	2020
3	Online FDP on Recent Trends in Environmental Engineering	Mohamed Sathak A J College of Engineering	2020
4	Online FDP on Emerging Trends in Civil Engineering	A. P. Shah Institute of Technology, Thane	2020
5	Developing Soft skills and Personality	NPTEL online	2022
ADDITIONAL RESPONSIBILITIES			
Sl. No.	Responsibilities	Description	Year
1	Class Advisor	JACSI, NCE, VVCOE	2001to 2012
2	Research Coordinator	VVCOE	2017 to 2021
3	Industrial visit Coordinator	VVCOE	2017 to 2018
4	Project Review Committee member	VVCOE	2017 to 2018
5	IQAC Member	VVCOE	2017 to 2021
6	Class Committee Meeting- Chairman	VVCOE	2017 to 2021
7	Question Paper Review Committee member	VVCOE	2017 to 2021
8	Advisory Committee member	VVCOE	2015 to 2016
9	Symposium Coordinator	VVCOE	2016
10	Head of the Department	TEC	2021 to Till Date

AWARDS / ACHIEVEMENTS

Sl. No.	Awards/ Achievements	Description	Year
1	Award of Excellence	92.73% result in Environmental Engineering I	2016
2	Award of Excellence	99% result in Engineering Graphics	2006
3	Award of Excellence	95.08% result in Engineering Economics & Cost Analysis	2016
4	Award of Excellence	94.55% result in Municipal Solid Waste Management	2016