

STAFF PROFILE

Name of the faculty member : Dr S. Murugan
Present Designation : Associate Professor
Name of the Department : Department of Civil Engineering
Name of the College : GCE Dharmapuri
Contact : Mobile: 9344276423 Email : smurugan02@gmail.com
Date of Birth : 25.06.1978



I. Particulars of Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class obtained
UG	B.E.	Civil Engineering	1999	Govt. College of Engg , Salem	Madras University	First Class
PG	M.E.	Environmental Engineering	2001	Anna University Chennai	Anna University	First Class
Ph.D.		Environmental Engineering	2021		Anna University	Completed

II. Academic Experience as on May 2023 :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Govt College of Engg Salem	Asst. Professor (Lecturer)	9.8.2001	30.6.2004	2	10	
TPGIT Vellore	Asst. Professor Lecture	5.7.2004	25.8.2014	10	2	
GCT Coimbatore	Asst Prof	26.8.14	20.4.2023	8	9	
GCE Dharmapuri	Associate Professor	21.4.2023	Till date		2	
Total				21	11	

III. Title of Ph.D. Thesis *

: Bio Diesel Recovery from Garbage Waste

V Publication
OTHER DETAILS

No. of Trainings Attended	1 Week FDP	19	
	2 Weeks FDP	05	
	3 Weeks FDP		
	Workshops/Conferences	12	
	Online Courses (NPTEL)	06	
	Online Webinar	3	
No. of Seminars/workshops/conferences Organized	Workshops	3	Total : 6
	International Workshop		
	National conferences		
	Guest Lecture	2	
	Training	2	
	FDP	2	
	Technical Expo		
Details of Awards received	Academic Awards for paper publications		1
No. of Technical Papers published in Journals/Conferences	Conferences		Journals
	National	International	International
	6	2	5
	Total No. 8		Total No. 5
No. of Project guided	UG: 40	PG: 20	Ph.D :

RESPONSIBILITIES

Responsibilities Held : In Academia

- BOS Member
- Faculty Advisor
- Internship Coordinator
- Assisted for preparation panel of experts for examination
- Review Committee Member for UG Full Time & Part Time and for PG Structural Engineering
- NBA Self-Assessment Report Preparation Committee Member
- Class Committee Meeting Member
- Performance Evaluation Committee Member for Result Analysis
- GATE Coaching Training Member for Civil Engineering Students

Responsibilities Held : In Administration

- Staff Incharge of Green Club GCT
- Internal Auditing Chairman
- Verification Officer for MBA & MCA Admissions
- Counseling Officer for MBA & MCA Admissions

- Stock Verification Committee Member

Responsibilities: Outside Institution

- Recognized Supervisor in Anna University Chennai
- Doctoral Committee Member for Research Scholars of Sathyabama University
- Reviewer in Journal
- State Government Nominee for BOG Meeting in Self Financing College.
- Anna University Inspection Committee Member for Self Financing Colleges.

Awards & Achievements

Received Academic Awards from Government College of Technology Coimbatore for Paper Publications.

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

- i) S.Murugan, M.Barathipriyadharshini, Dr.S.Jayanthi 2015 ‘A study on the potential of oleaginous yeast in producing lipid from Garbage’ in the International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 no.67 (2015)
- ii) A Study on Optimization of Pretreatment for Lipid Extraction from Rice Husk Using Oleaginous Yeast ND Priya, S Sivasakthi, R Loganath, R Balaji, K Yaazhmozhi, Waste Valorisation and Recycling, 263-272, 1,2019
- iii) Conversion of Vegetable Waste to Lipid Feedstock for Biodiesel Production Aided with Nano Catalyst Using RSM Software. M Sithan, J Singaram Polish Journal of Environmental Studies 29 (6), 1, 2020
- iv) Biodiesel production from lignocellulosic biomass using Yarrowia lipolytica M Vasaki, M Sithan, G Ravindran, B Paramasivan, G Ekambaram, Energy Conversion and Management: X 13, 100167 17 2022
- v) Recovery of bioethanol from food waste using Saccharomyces cerevisiae S Murugan, S Sujithadevi, Global Nest Journal 25 (3), 87-90, 2023

S. No.	Title of paper	Name of the journal	Publication details Vol. No., Pg. No, Month, Year	ISSN/ ISBN Number
01	Performance Study on Reinforced Brick Masonry for Earthquake Resistance	International Research Journal of Engineering and Technology	Vol. 2, No. 01, Page No. 449 - 454, April -2015	e-ISSN: 2395-0056
02	Production of Lipid by Oleaginous Yeasts <i>Metschinokiwa pulcherima</i> Using Agricultural Waste	International Research Journal of Engineering and Technology	Vol. 2, No: 3, Page No. 2370 - 2375, June -2015	e-ISSN: 2395-0056
03	A study on the potential of oleaginous yeast in producing lipid from garbage	International Journal of Applied Engineering Research	Vol. 10, No.67, Page No. 346 - 350, Aug -2015. (7.8.2015)	ISSN:0973-4562
4	Experimental Study of Reinforced BrickMasonry Structures	International Journal of Innovative Research in Science, Engineering and Technology	Vol. 5, No. 4, Page No. 4852-4858, April 2016	ISSN(Online) : 2319-8753
5	Optimization and enhanced lipid production by oleaginous yeast from woodwaste using design expert software	International Journal of Scientific Research and Review	Vol. 7, No. 5, Page No.275-279, May 2018	ISSN NO: 2279-543X
6	Synthesis of Lipid By Oleaginous Yeast <i>Yarrowia Lipolytica</i> Using Agricultural Waste	International Journal for Science and Advance Research in Technology	Vol. 4, No. 5, Page No. 1321-1325, May 2018	ISSN [ONLINE]: 2395-1052
7	FTIR Analysis of Lipid Produced by Oleaginous Yeast <i>Lipomyces starkeyi</i> Using Agricultural Waste	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)	Vol. 4, No. 5, Page No. 959-964, May 2018	e-ISSN: 2455-2585
8	Optimization of Pretreatment For Wood Waste By Design Expert	International Journal for Science and Advance Research in Technology	Vol. 4, No. 6 , Page No. 230-234, June 2018	ISSN [ONLINE]: 2395-1052

National And International conferences

- i) S. Murugan, M. Barathipriyadarshini and Dr.S. Jayanthi 2015 ‘A study on the potential of oleaginous yeast in producing Biodiesel from Garbage’ in the National Conference on Environmental Challenges Towards Sustainability 2015 Conducted by Department of Civil Engineering, GCT, Coimbatore.

- ii) S. Murugan, Kannadhasan and Dr.S.Jayanthi 2015 ‘ Production of lipid using *Rhodospiridium toruloides* using Food waste as Substrate in one day National Conference on Environmental Challenges Towards Sustainability 2015 Conducted by Department of Civil Engineering, GCT, Coimbatore.

S. No	Name of Course	Place	Duration	Programme Sponsoring Agency
01	Strategic options for managing urban Environment	Coimbatore Institute of Technology, Coimbatore.	10.11.03-23.11.03 (Two Weeks)	AICTE
02	Software Applications in Civil Engineering	Govt. College of Technology, Coimbatore.	27.11.06-10.12.06 (Two Weeks)	TEQIP
03	Thermodynamics in Mechanical Engineering	IIT, Bombay	14.06.11 -4.06.11 (Two Weeks)	ISTE
04	Basic Electronics	IIT, Bombay	28.06.11- 8.07.11 (Two Weeks)	ISTE
05	Seismology, Earthquake Engineering and Disaster Mitigation	International Institute for Seismology and Earthquake Engineering	5.11.2008 - 18.09.2009 (11 Months)	JICA
6	Introduction to Research Methodology	IIT, Bombay	25.06.12 -4.07.12 (Two Weeks)	ISTE
7	Two weeks workshop on Engineering mechanics	IIT, Bombay	26.11.13- 6.12.13 (Two Weeks)	ISTE
8	Two weeks workshop on Fluid Mechanics	IIT, Kharagpur	20.05.14-30.05.14 (Two Weeks)	ISTE
9	Sustainable Technologies for Waste to Energy	Govt. College of Technology, Coimbatore.	10.8.15 -14.8.15 (One week)	TEQIP
10	Nano materials in Technological Applications	Govt. College of Technology, Coimbatore.	27.06.16- 3.7.16 (One week)	TEQIP
11	Solar PV and Wind Energy System design and applications with simulation Software	Govt. College of Technology, Coimbatore.	21.09.16-27.09.16 (One week)	TEQIP
12	Language Use in Engineering Classroom	Govt. College of Technology, Coimbatore.	01.11.16-07.11.16 (One week)	TEQIP
13	Effective patent Drafting	Anna University, Coimbatore	23.11.16 - 27.11.16 (5 days)	Anna University & CII
14	Environmental Management and Analytical Instrumentation Techniques Using Nanotechnology	Govt. College of Technology, Coimbatore.	15.02.17 -21.02.17 (One week)	TEQIP
15	Contemporary Design and construction Techniques of steel, Concrete and composite Structure	Coimbatore Institute of Technology, Coimbatore.	24.04.17- 7.5.17 (Two week)	AICTE