

Name of the Faculty with Educational Qualification:

**Dr.J. P. ANNIE SWEETLIN JEBARANI, M.Tech, Ph.D, MBA,
M.Phil, PGDCA**

Designation and Department: Professor, CIVIL ENGINEERING,
Velammal College of Engineering and Technology, Madurai
e-Mail Id: jpas@vcet.ac.in

Educational Qualification:

Ph.D (Civil Engineering), M.Tech (Structural Engineering), BE (Civil), MBA
(Marketing), M.Phil(Management), PGDCA

Experience in Years: Teaching: 21years, Industry: 4 years

Employment History:

- Worked as Project Management Engineer at Premier Housing, Chennai for 4 years
- Worked as Assistant Professor at Dr. Pauls Engineering College, Villupuram for 4 years
- Worked as Assistant Professor cum Placement Officer at IFETCE, Villupuram for 5 years
- Worked as Visiting faculty at UCET, Tindivanam for 2 years
- Worked as Associate Professor at Dr. Pauls Engineering College, Villupuram for 3 years
- Working as Associate Professor at VCET, Madurai from 03.07.2016

Interested Research Areas: Structural Engineering

Scholarships and Awards received: NIL

Funded Research Projects: 1

Funding Agency: Department of Science and Technology (DST)

Scheme: INDIA-POLAND INTER-GOVERNMENTAL SCIENCE &
TECHNOLOGY COOPERATION PROGRAMME

Title: Development of PCM encapsulated light weight aggregate concrete
wall panels for thermal comfort in buildings

Sanctioned Amount: 7.24 lakhs

Year: 2020

Principal Investigator(PI): Dr. L. Andal, Professor & HoD, Civil

Co-PI: J.P. Annie Sweetlin Jebarani, Associate Professor, Civil

Patent rights received: Nil

Publications Details:**1. Patent Publication Details:** 1 Registered**2. Books Published:** *Pre stressed Concrete Analysis and Design*, by YRM Rao, J.P. Annie Sweetlin & P. Easwary, M/s. S.K. Kataria & Sons, 2017**3. International Journal Publication Details:**

Name of the author	Title	Journal	Publication details
Mrs.J.P.Annie Sweetlin Jebarani, Dr.D. Daniel Thangaraj,	Experimental Investigation of Interfacial friction between FRP's-wrapped steel surface and Cohensionless soil	Materiali in tehnologije	doi:10.17222/mit.2019.264
J. Vinotha Jenifer , D. Brindha , J.P. Annie Sweetlin Jebarani , S. Venkadapriya , M. Pandieswari	Mechanical and microstructure properties of copper slag based basalt fiber reinforced concrete	Materials Today: Proceedings	doi.org/10.1016/j.matpr.2023.03.505
K.Hima Bindu, ..., Mrs.J.P.Annie Sweetlin jebarani, et.al	Exploratory survey on durability concepts of high strength concrete with copper slag and carbon fiber	European Chemical Bulletin	2023,12(10), 4366-4377
Mrs.J.P.Annie Sweetlin Jebarani, Dr.D. Daniel Thangaraj, Dr.M. Murugan	Influence of Surface Roughness on Interfacial shear strength of Glass Fibre Reinforced Polymer and Abrasive Confined steel with sandy soils	Tierärztliche Praxis	Vol 40, 2020
Mrs.J.P.Annie Sweetlin Jebarani, et.al	Experimental Study of Light Weight Concrete using Perlite	International Research Journal of Engineering and Technology (IRJET)	Vol.7, Issue 5, May 2020
Mrs.J.P.Annie Sweetlin Jebarani, et.al	“Performance of Steel pile wrapped with Bidirectional FRP”	International Research Journal of Engineering and Technology (IRJET)	Vol.7, Issue 7, July 2020
Mrs.J.P.Annie Sweetlin Jebarani, et.al	Comparison of Displacement for Regular and Irregular Building Due To Seismic Forces	Imperial Journal of Interdisciplinary Research (IJIR)	Vol-2, Issue-6, 2016

P. Easwary, J.P. Annie Sweetlin	Comparative Analysis of Pavement Quality Concrete and Dry Lean Concrete Multi-layered Rigid Pavement Slabs	Imperial Journal of Interdisciplinary Research (IJIR)	Vol-2, Issue-3, 2016
P. Vijaykumar, J.P. Annie Sweetlin	Soil-Structure Interaction Effects on RC framed Shear wall Buildings - A Review	International Journal of Research in Engineering, Science and Technologies (IJRESTs)	Vol.2, No.2, April 2016
P. Jeevanathan, J.P. Annie Sweetlin	Analysis of Multi-Storeyed Building using E-Tabs Software	International Journal of Research in Engineering, Science and Technologies (IJRESTs)	Vol.2, No.3, May 2016
R. Saranraj, J.P. Annie Sweetlin	Pushover Analysis for Various types of RC Frame Structures	International Journal of Research in Engineering, Science and Technologies (IJRESTs)	Vol.2, No.2, April 2016

4. International Conference Presentation Details:

Presented a paper on “Thermal Comfort in Buildings using PCM” at AICTE sponsored International Conference on Innovative Research in Thermal and Manufacturing Engineering’2019, VCET, Madurai

Presented a paper on “A prototype of lightweight concrete wall panels containing phase change material (PCM)” at XIV SCIENTIFIC AND TECHNICAL CONFERENCE ENERGODOM 2022, Poland, October 2022.

Presented a paper on “Mechanical and microstructure properties of Copper slag based basalt fiber reinforced concrete” at Second International Conference on Construction Materials and Structures (ICCMS-2022), NIT Calicut, December 2022

Presented a paper on “Design and Analysis of Steel Cement Storage Silo” at Second International Conference on Sustainable Design, Materials and Manufacturing in Engineering, Dr. NGP Institute of Technology, Coimbatore, April 2023.

.Presented a paper on “Estimation of Air quality Index in Madurai city” at Indo-African International Conference on Advancements in Construction Materials (ICACM 2023), Vidya Jothi Institute of Technology, Telangana, April 2023.

Presented a paper on “Comparative analysis of Mechanical properties of fibre mixed concrete” at International Conference on Recent Advances in Engineering Technology and Management (ICRATEM- 2023), CK College of Engineering and Technology, Cuddalore, May 2023

Presented a paper on “A prototype of lightweight concrete wall panels containing phase change material (PCM)” at XIV SCIENTIFIC AND TECHNICAL CONFERENCE ENERGODOM 2022, Poland

5. National Conference Presentation Details:

Presented a paper on “Global Warming” at a National Conference at SRM University, 2009

6. Google Scholar report:



Annie Sweetlin

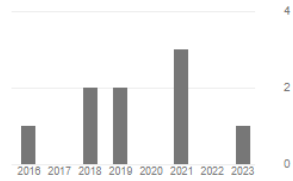
Associate Professor, Civil, **VCET**
Verified email at vcet.ac.in
Structural Engineering

FOLLOWING

<input type="checkbox"/>	TITLE			CITED BY	YEAR
<input type="checkbox"/>	Comparison of Displacement for Regular and Irregular Building Due To Seismic Forces V Annie Sweetlin, Saranraj Imperial Journal of Interdisciplinary Research (IJIR) 2 (Issue-6), 1156-1161			4 *	2016
<input type="checkbox"/>	JP Annie Sweetlin Comparative Analysis of Pavement Quality Concrete and Dry Lean Concrete Multi-layered Rigid Pavement Slabs P Easwary Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-3, 2454-1362			3	2016
<input type="checkbox"/>	Mechanical and microstructure properties of copper slag based basalt fiber reinforced concrete J Vinotha Jenifer, Brindha, JP Annie Sweetlin Jebarani, S Venkadapriya, ... MATERIALS TODAY PROCEEDINGS			1	2023
<input type="checkbox"/>	Pushover Analysis for Various types of RC Frame Structures AS Saranraj			1	2016

Cited by

	All	Since 2018
Citations	9	8
h-index	2	2
i10-index	0	0



Co-authors

EDIT

No co-authors