


Name of the Department: Civil Engineering

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Qualification	UG	B.E	Civil Engineering		
	PG	M.E	Structural Engineering		
	PhD		Civil Engineering		
Specialization / Major areas of Research	Non-destructive testing of R.C materials, Sustainable materials for construction				
Experience	Teaching: 3.7	Industry: -	Research:- 5.5 [F.T]		
Papers Published in Journals	International : 02		National : -02		
Papers Presented in Conferences	International : 04		National : 04		
*Awards / Achievements / Funded Projects / Consultancy					
Reviewer for Archives of Civil and Mechanical Engineering [Springer]					

Publications:

Journals:

1. **Stephenson, H. L. .**, Rajendran, S. (2021). “Assessment of core strength of concrete by artificial neural networks”, GRAĐEVINAR, 73 (10), 1007-1016,
DOI: <https://doi.org/10.14256/JCE.2781.2019>
2. **SH Lessly, S Rajendran.** (2022). “Measurement of core bond strength in reinforced concrete column using magneto rheological fluid assisted Ultrasonic measuring technique”, Nondestructive Testing and Evaluation, 37(2), 134-159
DOI: <https://doi.org/10.1080/10589759.2021>.
3. R. Yamuna Bharathi, S. Subhashini, T. Manvitha, **S. Herald Lessly** (2016) “Experimental Study on Partial Replacement of Coarse Aggregate By Seashell & Partial Replacement of Cement By Fly ash” International Journal of Latest Research in Engineering and Technology (IJLRET), Vol: 2(3), pp:69-76, ISSN: 2454-5031.

Conference/ Journal Publications:

1. **S. Herald Lessly**, A.Rajasekar, Dr.K. Sudalaimani, Dr. K.Arunachalam (2014), “Influence of cement content and curing regimes on compressive behaviour of Ultra- High Performance Concrete ” , Proceedings of National Conference on Sustainable Building Materials and Methods (NCSBMM 2014), Kamaraj College of Engineering and Technology, Virudhunagar, 27-28th March 2014.
2. **S. Herald Lessly**, A Rajasekar, Dr.K. Sudalaimani (2014), “Compressive behavior of Ultra High Performance Concrete”, Proceedings of National Conference on Advancements in materials, Constructions and Sustainable Environment, Kalasalingam University, Krishnankoil, 29th March 2014.
3. **S. Herald Lessly**, Dr. R. Senthil (2017) “Assessment of Core Compressive strength of concrete”, Proceedings of 32nd Indian National Conference on Innovative in Engineering: Competitive Strategy and Perspective, Chennai, 21st – 23rd December 2017.
4. **S. Herald Lessly** , R. Senthil , U. Ellampooranan (2020) “Studies on the effect of inclination of reinforcement and wave propagation in concrete cores through finite element simulations”, Materials Today: Proceedings, ELSEVIER, Vol: 45 (7), pp:6533-6541, DOI: <https://doi.org/10.1016/j.matpr.2020.11.456>
5. **S. Herald Lessly** , R. Senthil, B. Krishnakumar(2020)“Study on the effect of reinforcement on the strength of concrete core”, Materials Today: Proceedings, ELSEVIER, Vol:45(7),pp:6476-6481, DOI:<https://doi.org/10.1016/j.matpr.2020.11.367>

6. **S. Herald Lessly** , S. Lakshmana Kumar R. Raj Jawahar L. Prabhu (2020) “Durability properties of modified ultra-high performance concrete with varying cement content and curing regime” Materials Today: Proceedings, ELSEVIER, Vol: 45 (7), pp: 6426-6432, DOI:<https://doi.org/10.1016/j.matpr.2020.11.271>

Book Publications

1. **S. Herald Lessly** “A text book in Water Supply Engineering,'Magnus Publications, Revised First Edition, ISBN: 978-81-939626-8-8. April 2019
2. Oliver Jayaprakash, **S. Herald Lessly** “A text book in Waste water Engineering”, Magnus Publications, Revised First Edition. , ISBN: 978-81-941917-0-4, October 2019
3. Oliver Jayaprakash, **S. Herald Lessly**, “A text book in concrete technology”, Magnus Publication First Edition,ISBN: 978-81-939393-1-4, November 2018.
4. Oliver Jayaprakash, **S. Herald Lessly**, “A text book in Construction Materials”, Magnus Publication First Edition, ISBN:978-81-932009-2-6, June2018.
5. Oliver Jayaprakash, **S. Herald Lessly**“A text book in Repair and Rehabilitation of Structures”, Magnus Publication First Edition, February 2017.