

**Dr.D.Shoba Rajkumar, Professor and Head of the Department, GCE, Salem - 11**

**List of Publications in last 5 years :**

<b>S. No.</b>	<b>Title of paper</b>	<b>Name of the journal Month and year of acceptance</b>	<b>Publication details Vol. No., Pg.No, Month, Year</b>	<b>ISSN/ ISBN Number</b>
01	Flexural strength of polyester fiber reinforced hybrid ferrocement hollow slabs	Journal of Structural Engineering (SERC) September, 2015	Vol.43, No.3, pp.289-296. August-September, 2016	ISSN:0970-0137
02	Experimental investigation on the strength properties of M25 grade concrete with partial replacement of coarse aggregate by E-waste	International Journal of Engineering Research & Technology May, 2016	Vol.5, issue 5, pp.305-309, May 2016	ISSN :2278-0181
03	Ferrocement Panels with Scissel reinforcement and method of making	Official Journal of the Patent Office, Intellectual Property India 12.4.2016	Issue No. 11/2017 Part 1 17.3.2017	Appn.No.2016 41012757
04	Experimental study on the enhancement of strength of ferrocement by using nanosilica as partial replacement for cement	Indo Global Journal of Applied Engineering March, 2017	Vol.5, Issue 1, pp.194-198 March, 2017	ISSN :2321-5267
05	Experimental study on the mechanical properties of ferrocement on partial replacement of cement by nanosilica	Indo Global Journal of Applied Engineering March, 2017	Vol.5, Issue 1, pp.199-201 March, 2017	ISSN :2321-5267
06	Experimental investigation on the analysis and design of truss with light gauge cold formed steel sections	International Journal of current engineering and Scientific Research November, 2017	Vol.4, issue 12, part III, pp. 15-22 December, 2017	ISSN :2393-8374

07	Experimental Investigation on the Flexural Strength of Ferrogeocrete with partial replacements of Cement by Red Mud and Fine Aggregate by Crusher Sand	International Research Journal of Engineering and Technology May, 2018	Volume: 05, Issue: 05 pp. 4159 – 4166  May, 2018	ISSN :2395-0072
08	Synthesis and Characterisation of Silica from Zea Mays	International journal of Engineering Research & Technology March 2019	Volume 8 Issue 3, March 2019	ISSN:2278-0181
09	Experimental investigation on different high rich cement mortar for ferrocement application	Materials Today: Proceedings  November, 2019	Volume 22 (2020) pp.858-864	ISSN: 2214-7853
10	Experimental investigation on Geopolymer mortar using fly ash and GGBS	Tierarztliche Praxis 2020	Volume 40, (2020) pp.572-584	ISSN:0303-6286