

### **PUBLICATIONS IN JOURNALS**

<b>2016-2017</b>	
1.	<b>Mr.M.Gunasekaran</b> ,andDr.T.Palanisamy,(2016) “The Effect of Fly Ash and Bagasse Ash in the Properties of Light Weight Concrete” in Asian Journal of Research in Social Sciences and Humanities, Volume 6, ISSN 2249-7315,September 2016.pp 1614-1623.
<b>2015-2016</b>	
1.	<b>Mr.M.Gunasekaran</b> ,G.Saranya,L.Elamaran,P.Sakthivel and P.Suresh (2016), “Development of Light Wight Concrete by using Autoclaved Aerated Concrete” in IJIRST –International Journal for Innovative Research in Science & Technology, Volume 2,Issue 11 April-2016 pp 518-522.
2.	<b>Mr.M.Gunasekaran</b> ,A.Priyalakshmi, C.Anudevi ,H.Premachandar and V.Balamurugan (2016), “Study on Vermiculite Incorporate in Mortar” in IJIRST –International Journal for Innovative Research in Science & Technology, Volume 2,Issue 12 May-2016 pp 36-42.

### **INTERNATIONAL CONFERENCES**

<b>2013-2014</b>	
1.	<b>M.Gunasekaran</b> , N.Banupriya and S.Suganya,(2014) “Experimental Study On Structural Behaviour Of Light Weight Concrete”, International Conference on Innovations and Advances in Civil Engineering Towards Green And Sustainable Systems (INACES-2014), Coimbatore Institute Of Technology (CIT), Coimbatore, Paper-ID CT XV, April 2014.

### **NATIONAL CONFERENCES**

<b>2016-2017</b>	
1.	<b>Mr.M.Gunasekaran</b> ,andDr.T.Palanisamy,(2017) “Persuade of Fly Ash and Bagasse Ash on the Mechanical Characteristics of Light Weight Concrete” in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability(METIDS-2017), Mahendra Engineering College,Mallasamudram, PP-Id METIDS 17-055, 09 <sup>th</sup> March 2017.
2.	<b>Mr.M.Gunasekaran</b> ,andDr.T.Palanisamy,(2017) “Performance Evaluation Of Light Weight Concrete Using E-Plastic Waste” in Fifth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2017), KSRCE, PP-183-189, 07 <sup>th</sup> April 2017.
3.	<b>Mr.M.Gunasekaran</b> ,andR.Suganya,N.P.Prakash,E.NandhaPrabhu,V.Shankar,(2017) “Soil Stabilization by Means of Discarded Materials” in Fifth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2017), KSRCE, PP-145-150, 07 <sup>th</sup> April 2017.

2015-2016	
4.	<b>Mr.M.Gunasekaran</b> ,and Dr.T.Palanisamy,(2016) “Experimental Study On Structural Behavior Of Low Cost Light Weight Slab Panel For Roofing” Fourth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2016) Department of Civil Engineering, K.S.R College of Engineering, PP-220-227, 21 <sup>st</sup> April 2016.
5.	S,Srinivasan and <b>Mr.M.Gunasekaran</b> , (2016) “Study On Aerated Concrete With Fly Ash As Partial Replacement Of Sand” Fourth National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2016) Department of Civil Engineering, K.S.R College of Engineering, PP-287-291, 21 <sup>st</sup> April 2016.
2014-2015	
6.	<b>Mr.M.Gunasekaran</b> , Dr.T.Palanisamy, Dr.G.Dinesh Kumar and S,Srinivasan, (2015) “Effects of Workability in Light Weight Concrete Using Mineral Admixtures”, <i>Proc.National Conference on Advancements in structural,Environmental&amp; Geotechnical Engineering for Sustainable Development(ASEGESD2K15)</i> , Dr.N.G.P. Institute of Technology, Coimbatore, PP-159-164, April 2015.
7.	<b>Mr.M.Gunasekaran</b> ,K.Dinesh Kumar, M.Guhan,S,Manimekalai and P.Manjupriya, (2015) “Experimental Investigation on Mechanical Properties of Cellular Light Weight Concrete”, Proc. National Conference on Advancements in structural, Environmental & Geotechnical Engineering for Sustainable Development (ASEGESD2K15), Dr.N.G.P. Institute of Technology, Coimbatore, PP-74-80, April 2015.
8.	S.Suganya and <b>Mr.M.Gunasekaran</b> , (2015) “Experimental Study on Structural Behaviour of Light Weight Concrete Using Foaming Agents”, Proc. National Conference on Recent Trends in cement concrete composites for Structural System (NCRTCCCSS-2015), N.S.N.College of Engineering and Technology, Karur, PP-557-561, April 2015.
9.	S.Suganya and Mr.M.Gunasekaran, (2015) “Damage Detection Technique Using ARX Model”, Third National Conference on Trendy and Sustainable Development in Civil Engineering (NCTSDCE-2015), KSRCE, PP-190-194, May 2015.