

## LIST OF PAPER PUBLICATIONS

### **YEAR – 2019**

#### INTERNATIONAL CONFERENCE

1. *Praseeja A.V\**, “Experimental investigation of coir fibre on its potential for the sorption of hydrocarbons”, International Conference on (ARICE-19), Muthoot Institute of Science and Technology.

### **YEAR – 2018**

#### INTERNATIONAL JOURNAL

1. *Tina Maria Sunny \**, “Use of Biomedical Plastic Waste in Bituminous Road Construction”, International Journal of Current Engineering and Scientific Research (IJCESR), Volume-5, Issue-4, 2018
2. *Sanju Sreedharan\**, Dr. Renu Pawels, “Seasonal Deviation of Saltwater Intrusion in the Shallow Aquifers of Kochi Municipal Corporation, Kerala, India”, International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 2, February 2018
3. *Santhosh,G\**, K.S.Beena, “Replacement of Fine Aggregate with Jarofix in Concrete”, International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018.
4. *Sandeep T.N\**, Job Thomas, “Experimental study on circular CFST short columns with intermittently welded stiffeners”, Steel and Composite Structures, Volume 29, No.5, November 2018

## **INTERNATIONAL CONFERENCE**

1. *Santhosh,G\**, K.S.Beena , “Variation of CBR values of Laterite Soil Mixed with Jarofix and Lime”, International symposium on Geotechnics of transportation infrastructure (ISGTI 2018 ), 7-8, April2018, IIT Delhi.
2. *Lakshmi Priya\**, George K. Varghese, “Allocating Differential Responsibility of Pollution For Environmental Forensic Applications In India- A Review Of Existing Practices”, International conference on advances and challenges for sustainable ecosystems (ICACSE 2018), NIT TRICHY, December 2018
3. *Lakshmi Priya\**, George K. Varghese, Irfan Khursheed Shah, “Assessing differential responsibility of pollution for environmental forensic applications”, International conference on Forensic Engineering at Treviso (Italy) , September 2018
4. *Lakshmi Priya\**, Ragi R G, “Dye Removal From Aqueous Solution Using TiO<sub>2</sub> Doped on CuO As A Catalyst Coupled With Sunlight”,International Conference Environment and Energy – 2018, National Institute of Technology, Calicut , 9th- March 10th,2018

## **YEAR – 2017**

## **INTERNATIONAL CONFERENCE**

1. *Sanju Sreedharan\**, Dr. Renu Pawels, “Study on Seasonal Variation of Salinity Intrusion in the Shallow Aquifers of Kochi Corporation”, Advance in Technology, Engineering and Compuring – A Multinational Colloquium – 2017
2. *Santhosh.G\**, Beena K.S., “ Jarofix as partial replacement of fine aggregate in concrete”, Advance in Technology, Engineering and Compuring – A Multinational Colloquium – 2017

## **YEAR – 2016**

### **INTERNATIONAL JOURNAL**

1. Sandeep T.N\*, “Study on Various Finite Element Analysis on Concrete Filled Steel Tube Columns”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol.5, Special Issue 14, December 2016.
2. *Sanju Sreedharan*\*, Renu Pawels, “Microbial Fuel Cell (MFC) Technology For Housedhold Waste Reduction and Bio-Energy Productions”, International journal of Civil Engineering and Urban Palnning (CiVEJ) ,Vol.3 , No.2, June 2016

## **YEAR – 2015**

### **INTERNATIONAL JOURNAL**

1. *Tina Maria Sunny*\*, Jomy Thomas, “Determination of Congestion Charge for Car Users in CBD Area of Thiruvanthapuram”, International journal of Research in Engineering and Technology (IJRET), Vol. 04 , Issue 11, November 2015
2. *Lakshmi Priya*\*, Swaminathan G, “Removal of Organic Dye from Aqueous Solution by Using Fly Ash Assisted with UV light and Fly Ash assisted with Solar light and their comparison”, Indian Journal of Science, ISSN 2319-7730,16(51),47-50, 2015
3. *Annu Cherian*\*, P.Geena George,Dr.C.Prabha, “Response Analysis of Payload Fairing Due to Acoustic Exciation”, International journal of Scientific and Technology Research (IJSTR), Vol. 04 , Issue 11, November 2015
4. *Lakshmi Nair*\*, Yezhil Arasu ,Indu V S, “Design of Laminated Pressure Vessel”, International journal of Science and Research (IJSR), Vol. 4 , Issue 8, August 2015

## **INTERNATIONAL CONFERENCE**

2. *Anitha G Pillai*\*, B. M. Abraham, A Sridharan , “Role of Barium Chloride in Counteracting The Effect of Sulphates in Lime Stabilized Clays”, Proceedings of 6<sup>th</sup> International Geotechnical Symposium on Disaster Mitigation in Special Geoenvironmental Conditions, IIT Madras, January 21-23, 2015
3. Beena K S, *Meryl George*\*, “Study on Grain Size Analysis of Soils Treated With Synthetic Leachate”, Proceedings of 6<sup>th</sup> International Geotechnical Symposium on Disaster Mitigation in Special Geoenvironmental Conditions, IIT Madras, January 21-23, 2015
4. *Anju Francis*\*, Sosamony K J, “Treatment of Pre-treated Textile Waste water using Moving Bed Bio-film Reactor”, International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST-2015), Procedia Technology 24(2016) 248-255

## **NATIONAL CONFERENCE**

1. *Meryl George*\*, “Construction Waste Management”, National Conference on Alternate Building Materials and Construction Practices (NABCP-2015)

## **YEAR – 2014**

## **INTERNATIONAL CONFERENCE**

1. Beena K S, *Meryl George*\*, “Study on the Treatment and Reuse of Agricultural Waste Fibres”, Proceedings of International Conference on Energy, Environment, Materials and Safety (ICEEMS-14) , December 10-12, 2014
2. Anu Raj, Beena K S, *Santhosh G*\*, Santhosh K N, “Geoenvironmental Characteristics of Jarofix Mixed Soil”, Proceedings of International Conference on Energy, Environment, Materials and Safety (ICEEMS-14), December 10-12, 2014

3. *Annu Cherian\**, Jiji Anna Varughese, “Slab Contribution for Over-Strength factor in Capacity-based Design”, International Conference on Materials Mechanics and Management (IMMM-2014)

## **YEAR – 2013**

### **INTERNATIONAL CONFERENCE**

1. *Mareena George\**, K.Lakshmi, A.Rama Mohan Rao, G.Elangovan, “Damage Diagnostic Technique for SHM Combining PCA and Time Series Models”, Proceedings of International Conference on Futuristic Innovations & Development in Civil Engineering (ICFiDCE-13) ,April 18-20,2013
2. K S Beena, *G. Santhosh\**, “Studies on Strength Characteristics of Soil Mixed with Bio-Waste”, Proceedings of Indian Geotechnical Conference ,December 22-24,2013

### **NATIONAL CONFERENCE**

1. *Mareena George\**, G.Elangovan, “Damage Detection using ARX-ARV Models Applying Fisher Criterion”, National Conference on Emerging Technologies in Civil Engineering (ETCE-13) ,April 12,2013

## **YEAR – 2012**

### **INTERNATIONAL JOURNAL**

1. *Anitha G Pillai\** ,Benny Mathews Abraham, A Sridharan , “Determination of Sulphate Content in Marine Clays”, International journal of Engineering Reserach and Applications (IJERA), Vol.1 , Issue 3, pp.1012-1016, December 2012

### **INTERNATIONAL CONFERENCE**

1. *Anitha G Pillai*<sup>\*</sup>, B.M. Abraham, A Sridharan, B.T. Jose, “Influence of Sulphates on the Compressibility Behaviour of Lime Stabilised Cochin Marine Clays”, Proceedings of Indian Geotechnical Conference, December 13-15, 2012

### **NATIONAL CONFERENCE**

1. *Meryl George*<sup>\*</sup>, **Sruthy O.A**<sup>\*\*</sup>, **Monisha Madhu**<sup>\*\*</sup>, **Fathima Hesna**<sup>\*\*</sup>, **Veena Jayakrishnan**<sup>\*\*</sup>, **Kishore V.M**<sup>\*\*</sup>, “Effect of Leachate on Geotechnical Properties of Soil”, Proceedings of National Conference on Innovations in Civil Engineering, April 19-20, 2012
2. *Tennu Syriac*<sup>\*</sup>, M.Saravanan, P.Gandhi, Jayasree Ramanujan, “Studies on Fatigue Crack Opening Force in C(T) Specimens using Compliance Approach”, National Conference on Technology Frontiers of Mechanical Engineering (CoMEt-12), June 02, 2012

### **YEAR – 2011**

### **INTERNATIONAL JOURNAL**

1. *Dhileep M*<sup>\*</sup>, Trivedi. A, Bose.P.R, “Behaviour of High Frequency Modal Response in Non Linear Seismic Analysis”, International Journal of Civil and Structural Engineering, Vol. 1, No 4, ISSN 0976-4399, 2011
2. *Meryl George*<sup>\*</sup>, K.S Beena, “Analysis of Soil Contaminated with Municipal Solid Waste Leachate”, International Journal of Advances in Engineering Research (IJAER), Vol. 2, Issue No.VI, December, 2011

### **INTERNATIONAL CONFERENCE**

1. *Meryl George*<sup>\*</sup>, K.S Beena, “Geotechnical Characteristics of Leachate –Contaminated Latertic Soil”, Proceedings of Indian Geotechnical Conference, December 15-17, 2011

**YEAR – 2010**

**INTERNATIONAL CONFERENCE**

1. K.S Beena, *Meryl George*\*, “Contaminant Transport from MSW Landfill: A Case Study”, Indian Geotechnical Conference, December 16-18,2010

**YEAR – 2008**

**INTERNATIONAL CONFERENCE**

1. *Anitha G Pillai*\*, Dr. Benny Mathews Abraham, Dr. Job Thomas, “Finite Element Analysis of Reinforced Concrete Pile Caps”, Proceedings of the International Conference on Materials For the Future (ICMF), January 17-19,2008

**YEAR – 2006**

**NATIONAL CONFERENCE**

1. *T.N.Sandeep*\*, K.Srinivas, S. Sreekumar, “Experimental Investigation of Liquid Roll Moment of Inertia”, Proceedings of the National Conference on Technological Trends (NCTT), October,2006

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