

## LIST OF PAPER PUBLICATIONS

**YEAR 2019**

### INTERNATIONAL JOURNAL

1. **Amalu Prem\*\***, *Tennu Syriac\**, “Experimental and Analytical Study on Behaviour of Checkered Steelencased Concrete Composite Beams”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
2. **Ananthu N G\*\***, *Nandita Mohan\**, “Study on strength properties of concrete incorporating Slaked lime-rice husk ash-natural clay mixture in cement”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
3. **Andrya Sara Roy\*\***, *Sheeja Janardhanan\**, *E.M.S. Nair\**, “Structural Response of Free – Fall Lifeboats During Emergencies”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-1S2, May 2019
4. **Anjaly Jose\*\***, *Sheeja Janardhanan\**, Ajith Kumar Arumugham-Achari, Rajesh P Nair, “Structural Behavior of a Wing in Deformable Ground Effect of a Seaplane”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-1S2, May 2019
5. **Anne Jacob\*\***, *Aswini J\**, “An Analytical study on Application of Virtual Outrigger in Tall Buildings to Reduce Disproportionate Collapse and Increase Efficiency”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
6. **Aravind A\*\***, *Sandeep T N\**, “Analytical Study on Response Reduction of High Rise Buildings by Diagrid Constrcution”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
7. **Ardhira P J\*\***, *Tennu Syriac\**, “Experimental and Analytical Performance of Composite Laminated Timber Beams with Cold Formed Steel”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019

8. **Aswathy Varghese\*\***, *Parvathy Krishnakumar\**, “Study of Hollow Corrugated Columns with Perforations”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
9. **Greeshma George\*\***, *Sheeja Janardhanan\**, “A Numerical and Structural Response of FPSO Under Wave Induced Motions”, International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-1S2, May 2019
10. **Jezna H\*\***, *Jerry Anto\**, “Mechanical Performance of Mild Steel Pipe Connector on GFRP Concrete Composite Panel”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
11. **Nimya T Varkichan\*\***, *Sandeep T.N\**, “Application of Tuned Liquid Damper on Response of a Building under Strong Ground Motion”, International Journal of Scientific & Engineering Research, Volume 7, Issue 5, May-2019
12. **Nimya T Varkichan\*\***, *Sandeep T.N\**, “Effective control of response of a building under wind and strong ground motion using Multiple Tuned Liquid Dampers”, International Journal of Science Technology & Engineering, Volume 5, Issue 10, April -2019
13. **Nimya T Varkichan\*\***, *Sandeep T.N\**, “Effective control of response of a building under wind vibration using Tuned Liquid Dampers”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 04, April -2019
14. **Riya Rajan\*\***, *Geethu R. Babu\**, “Analytical Study of Steel Buildings with Different Geometric Configurations and Bracings under Blast Load”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019
15. **Shasna V S\*\***, *Geethu R Babu\**, “Sensing Concrete using Hybrid Conductive Fillers for Structural Health Monitoring”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019

16. **Sreelekshmi S\*\***, *Nandita Mohan\**, “Utilization of Bottle Cap and E-Glass Powder on Partial Coarse and Fine Aggregate Replacement”, International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 05, May -2019

### **INTERNATIONAL CONFERENCE**

1. **Andrya Sara Roy\*\***, “Structural Response of Free – Fall Lifeboat during Emergencies”, International Conference on Recent Scientific Research in Engineering & Technology (ICRSRET-2019), 22<sup>nd</sup> March 2019, JIT Thiruvananthapuram.
2. **Reena Elizabeth John\*\***, “Studies on Fracture Behaviour of BI-Mixture pipe weld Joints”, International conference on Recent Advances in Civil Engineering (ICRACE-2019), 8-9 April 2019, Karunya Institute of Technology and Sciences, Coimbatore.
3. **Sarga\*\***, “Numerical study on the structure response of a marine riser with internal flow condition”, International Conference on Recent Scientific Research in Engineering & Technology (ICRSRET-2019), 22<sup>nd</sup> March 2019, JIT Thiruvananthapuram.
4. **Anupama S\*\***, “Detection of microplastics in river water using FTIR spectroscopy”, International Conference on Recent Scientific Research in Engineering & Technology (ICRSRET-2019), 22<sup>nd</sup> March 2019, JIT Thiruvananthapuram
5. **Manju Chandran\*\***, “Lifecycle assessment of solid waste to energy”, International Conference on Recent Scientific Research in Engineering & Technology (ICRSRET-2019), 22<sup>nd</sup> March 2019, JIT Thiruvananthapuram

### **NATIONAL CONFERENCE**

1. **Riya Rajan\*\***, “Analytical Study of Steel Building with Different Configurations under Blast Load”, National Conference on Recent Advancements in Industrial Safety

Engineering (RAISE-2019), 28-29 March 2019, ToCH Institute of Science and Technology, Ernakulam.

2. **Sreelakshmi S\*\***, “Mechanical and Durability Performance of Concrete Containing Bottle Cap and E-Glass”, National Conference on Advances in Civil Engineering (ACE-2019), 25-26 April 2019, Amal Jyothi College of Engineering, Kanjirappally.
3. **Shasna V S\*\***, “Sensing concrete using hybrid conductive fillers”, National Conference on Advances in Civil Engineering (ACE-2019), 25-26 April 2019, Amal Jyothi College of Engineering, Kanjirappally.
4. **Anne Jacob\*\***, “An Analytical study on Application of Virtual Outrigger in Tall Buildings to Reduce Disproportionate Collapse and Increase Efficiency”, National Conference on Recent Advances in Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.
5. **Ardhira P J\*\***, “Experimental and Analytical Performance of Composite Laminated Timber Beams with Cold Formed Steel”, National Conference on Recent Advances in Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.
6. **Aswathy Varghese\*\***, “Study of Hollow Corrugated Columns with Perforations”, National Conference on Recent Advances in Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.
7. **Jezna H\*\***, “Mechanical Performance of Mild Steel Pipe Connector on GFRPConcrete Composite Panel”, National Conference on Recent Advances in Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.
8. **Amalu Prem\*\***, “Experimental and Analytical Study on Behaviour of Checkered Steelencased Concrete Composite Beams”, National Conference on Recent Advances in

Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.

9. **Ananthu N.G\*\***, “Study on strength properties of concrete incorporating Slaked lime-rice husk ash-natural clay mixture in cement”, National Conference on Recent Advances in Civil Engineering and Technology (REACT-2019), 06-07 May 2019, Vidya Academy of Science and Technology, Thrissur.
10. **Dona Anna Jose\*\***, *Lakshmipriya\**, “Performance evaluation of household in-vessel composter prototype”, Kerala Technological Congress (KETCON-2019), 15-17 February 2019, GEC, Thrissur

## **YEAR- 2018**

### **INTERNATIONAL JOURNAL**

1. **Khansa Abdulla\*\***, **E.B Akhil\*\***, **Haritha Lakshmi V G\*\***, **Jerin Jimmy\*\***, *Aiswaria K\**, “Manufacturing and Experimental Investigation of Bricks with Plastic and M-Sand”, International Journal of Innovation Research in Science, Engineering and Technology (IJIRSET), Volume: 07 Issue: 6, June-2018
2. **Agin Rose Pynadath\*\***, **Aiswarya Mohanan\*\***, **Ajith K\*\***, **Akheel E K\*\***, *Tina Maria Sunny\**, “WEO and WCO as a Rejuvenating Agent in Aged Bitumen”, International Journal of Scientific Research in Civil Engineering (IJSRCE), Volume: 02 Issue: 3 , June-2018
3. **Chithralekha V Dev\*\***, *Tennu Syriac\**, “Study on Double Reduced Steel Beam to CFST Column Connection Under Cyclic Loading”, International Research Journal of Engineering and Technology (IRJET), Volume: 05 Issue: 05, May-2018
4. **Krishnendu Sivadas\*\***, V Srinivas , *Nidhi Murali\** , “A Review on Finite Element Simulation for Longitudinal Force Evaluation of Steel Railway Bridges” International

Journal of Emerging Technology and Advanced Engineering (IJETAE), Volume 8, Issue 6,  
June 2018

5. **Nithya Nandan** \*\*, *Sandeep T.N.* \*, “Concrete Filled Steel Tubular Column with Bamboo Infill”, International Research Journal of Engineering and Technology (IRJET), Vol-05, Issue-05, May-2018.
6. **K. Vishnuraj** \*\*, *S. Janardhanan* \*, *T.N. Sandeep* \*, “Design Optimization of Water Injection Module of Topside Facility of an FPSO”, International Journal of Structural Mechanics and Finite Elements, Vol 4, issue 1, 2018.
7. **Jithu Sygal** \*\*, *S. Janardhanan* \*, “Numerical Study on the Effect of Ball Baffles in Reducing Sloshing Loads in Ship Tanks”, International Journal of Structural Mechanics and Finite Elements, Vol 4, issue 1, 2018.
8. **Anu K P** \*\*, *Dr. EM Somashekar Nair* \*, “Fracture Behaviour of Cold Rolled Close Annealed Steel Sheets with Defects”, International Research Journal of Engineering and Technology (IRJET), Vol-05, Issue-05, May-2018.
9. **Mahitha .T** \*\*, *Aswini .J* \*, “Properties of Recycled Asphalt Pavement Aggregate Concrete”, International Research Journal of Engineering and Technology (IRJET), Vol-05, Issue-05, May-2018
10. **Mahitha .T** \*\*, *Aswini .J* \*, “Effect of Copper Slag and Granite Powder on the Mechanical Properties of Reclaimed Asphalt Pavement Aggregate Concrete”, International Journal of Sustainable Construction Engineering & Technology , Vol 9, No 2, 2018
11. **Treesa Tintu** \*\*, *Merin T Saji* \*, “Influence of GFRP Wrapping on Deficient Hollow Circular Steel Column Under Cyclic Loading”, International Research Journal of Engineering and Technology (IRJET), Vol-05, Issue-05, May-2018

## **INTERNATIONAL CONFERENCE**

1. **Anupama S\*\***, “Integrated forward –reverse osmosis system for water reclamation”, International Conference on Energy & Environment Global Challenges (ICEE-2018), 9<sup>th</sup> - 10<sup>th</sup> March 2018, NIT Calicut

## **YEAR- 2017**

### **INTERNATIONAL JOURNAL**

1. **Reshma C\*\***, *Dr.E M S Nair \**, “Evaluation of Stress Intensity Factor and Initial Crack Path in Cracked GI Sheet”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 4, April 2017.
2. **Aparna M.V\*\***, “Performance of Steel Reinforced Concrete Beam-To-Column Joints Exposed to Fire”, International Research Journal of Engineering and Technology (IRJET), Volume: 04, Issue: 05, May -2017.
3. **Aswathi Devika M S\*\***, *Geethu R Babu\**, “Comparative Study on RC and CFFT Bridge Columns Subjected to Impact and Cyclic Loading Conditions”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 5, May 2017.
4. **Acxa Kuriakose\*\***, *Sreedevi Viswanath\**, “Comparative Study of X-Concentrically Braced Frame, Zipper Frame and Strong Back System”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 5, May 2017.
5. **Chanchal Mary Peter \*\***, *Mareena George \**, “Effect of Openings on Performance of GFRG Panel”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 5, May 2017.
6. **Gayathri Krishnakumar\*\***, *Airin M. G.\**, “Effect of Unreinforced Masonry Infill Walls on Seismic Response of Three Storey Structure: - Review of IS 1893 Part-1 2002”, International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 05, May -2017.

7. **Merlin Mary Vilson\*\***, *Airin M.G \**, “Numerical Investigation on the Flexural Behaviour of RC Beams using Microplane Model”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 5, May 2017.
8. **Nikitha Eliza Mathew\*\***, *Airin M.G \**, “Vulnerability Analysis of Flat Plate Structures”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 5, May 2017.
9. **Paul Wilson P\*\***, *Dr .E.M.S. Nair \**, “Investigation On Reinforced Concrete Columns With Holes”, International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 05, May -2017.
10. **Khadeeja Beegam\*\***, *Tennu Syriac \**, “Parametric Study on Horizontally Curved Steel I Girder Webs with Non-Central Openings”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6, Issue 8, August 2017.
11. **Chinchu Ann James\*\***, *C.M. John , Ratish Menon \**, “Assessment of spatio-temporal changes in terrestrial carbon sequestration due to Kochi metro rail project in India”, Urban Climate 2212-0955/ © 2017 Elsevier B, 22 August 2017
12. **Ashna R\*\***, **Ashna Salu\*\***, **Emilda Devassykutty\*\***, **Geo Johnson K\*\***, *Priyanka Prabhakaran\**, “A Study on Eco-friendly Building Management with Respect to Feasibility of Implementation”, International Journal of Engineering Science Invention, Volume 6 Issue 5, May 2017

### **INTERNATIONAL CONFERENCE**

1. **Nimy Mary Thomas\*\***, *Roshni K. R.\**, “Reduction of Greywater Turbidity by Natural Coagulants”, Advance in Technology, Engineering and Computing – A Multinational Colloquium – 2017



2. **Joshly Johny\*\***, *Sanju Sreedharan\**, “Efficiency of Potassium Permanganate and Potassium Dichromate as Oxidizing Agent in Microbial Fuel cell”, Advance in Technology, Engineering and Computing – A Multinational Colloquium – 2017
3. **Umalakshmi K S\*\***, *Sanju Sreedharan\**, “Comparison of Two Oxidizing Agents in Microbial Desalination cell”, Advance in Technology, Engineering and Computing – A Multinational Colloquium – 2017
4. **Anagha Krishnan\*\***, *Sanju Sreedharan\**, “Solar distillation system”, Advance in Technology, Engineering and Computing – A Multinational Colloquium – 2017

#### **YEAR- 2016**

#### **INTERNATIONAL JOURNAL**

1. **Sreeshna K.S\*\***, “Study on Flexural Behaviour of Glued Laminated Timber”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 7, July 2016
2. **Prince Jo Mathews\*\***, “ Self-Centering Behaviour of Post-Tensioned Dual Shell Column Under Seismic Loading”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 7, July 2016
3. **Athira T J\*\***, “ Study on Structural Behaviour of Concrete Filled Steel Tubular Columns with and without Shear Connectors”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 7, July 2016
4. **Basil Mathew\*\***, “ Numerical Study on FRP Strengthened RC Deep Beams with Openings”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 8, August 2016

5. **Anna Green Antony\*\***, “ Cold Formed Steel Sigma Section Joints”, International journal of Innovative Research in Technology (IJIRT), Vol. 3 , Issue 4, September 2016
6. **Anna Green Antony \*\***, Study on Cold Formed Steel Sigma Sections and the Effect of Stiffeners”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 9, September 2016
7. **Reema Pius\*\***, *Sethulakshmy T.A \**, “Analysis of Thin Walled Open Section Composite Beams”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 9, September 2016
8. **Nasreen M.Khan\*\***, “Numerical Study of FRP Reinforced Concrete Under Fire Exposure”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 9, September 2016
9. **Sanah Rose Sony\*\***, *Airin M.G\**, “Optimization of Transmission Tower Using Genetic Algorithm”, International journal of Science and Research (IJSR), Vol.5, Issue 9, September 2016
10. **Neema Nazar P.A\*\***, *Airin M.G\**, “Damage Modelling of Reinforced Concrete Beam”, International journal of Science and Research (IJSR), Vol.5, Issue 9, September 2016
11. **Soorya Elizabeth\*\***, *Dr.Sheeja Janardhanan\**, “Estimation of Structural Strength of Tanks under Sloshing Loads”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 5 , Issue 9, September 2016
12. *Merin Mathew\**, **Anju Theresa Antony\*\***, *Sunny George\**, *Ratish Menon\**, “Identifying an Ideal Bio- Indicator from Indian Freshwaters to Use in Automated Bio-Monitor”, International journal of Science, Engineering and Management (IJSEM) , Vol.6 , Issue.7, July 2016

13. **Ashly Mary Mammen\*\***, Dr. Johannes Fritsch, *Sanju Sreedharan\** and *Dr. Ratish Menon\**, “Electro Dialysis For the Desalination of Backwaters in Kerala”, International journal of Civil Engineering and Urban Palnning (CiVEJ) , Vol.3 , No.2, June 2016
14. **Aswathy Rajan\*\***, *Sanju Sreedharan\**, Dr. V. Babu, “ Solvent Extraction and Adsorption Technique for the Treatment of Pesticide Effluent”, International journal of Civil Engineering and Urban Palnning (CiVEJ) , Vol.3 , No.2, June 2016
15. **Jinju Jose\*\***, Athira Rajan and Bennet Kuriakose, “ Response of RCC Slab Subjected to Air Blast Loading”, International journal of Engineering Research and Science & Technology ((IJERST) ,Vol. 3 , No.1, April 2016

#### **INTERNATIONAL CONFERENCE**

1. **Akhila P\*\***, Ramesh Babu, Abraham A, *Nidhi Murali\**, “Wind Tunnel Study on Wind Pressures and Forces of a Tall Tapered Square Building”, International Conference on Recent Advances In Civil Engineering (ICARCE-16), January 2016

#### **YEAR- 2015**

#### **INTERNATIONAL JOURNAL**

1. **Dinesh Ajayakumar\*\***, Dr. Girija K ,*Anand Raj\**, “ Static Analysis and Safety Evaluation of an Arch Dam” ,International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 4 , Issue 9, September 2015
2. **K R Indu\*\*** , *Airin M.G\**, “Optimization of Tapered Cantilever Beam Using Genetic Algorithm: Interfacing MATLAB and ANSYS”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 4 , Issue 10, October 2015

3. **Aayillia K Jayasidhan\*\***, Jancy Rose K,R. Neetha , “ Dynamic Response of a Launch Vehicle to Wind Gust”, International journal of Engineering Development and Research (IJEDR), Vol. 3 , Issue 3, 2015
4. **Naveen V M\*\*** ,*Sanya Maria Gomez\** , “Study of Hydrodynamic Effects on RC Elevated Water Tank under Seismic Excitations”, International journal of Engineering Development and Research (IJEDR), Vol. 3 , Issue 3, 2015
5. **S A Afreen\*\*** , A Abraham, S Selvi Rajan, Nagesh R Iyer,*Sanya Maria Gomez\** , “Wind Tunnel Pressure Measurement Studies On A tall Building With Elliptic Cross-Section:Effect Of Angle Of Wind Incidence”, International journal of Research in Engineering and Technology ((IJRET) ,Vol. 04 , Special Issue 13,December 2015
6. **Sujith P S\*\*** , Dr. Jiji Anna Varughese, *Tennu Syriac\** , “Comparative Study on the Behaviour of T- Beam Skew Briges”, International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 4 , Issue 9, September 2015
7. **Feeba George\*\*** , Mrs.Aneesha Balaji, *Mr.Anand Raj\** , “Fire Resistant Analysis Of T-Beam and L- Beam”, International journal of Engineering Research and General Science (IJERGS), Vol. 3 , Issue 4, July- August, 2015
8. **C.V.Reshma\*\*** , S.R Balasubramanian, K. Balaji Rao, Rupen Goswami ,P.Sivakumar, “Effect Of Uncertainties in Development of Fragility Curves for UBRM Building”, International journal of Science and Technology (IJST), Vol.8(28) ,October 2015
9. **M.S Vaisali\*\*** , A.S Nisha, “Damage Detection Using Modal Strain Energy Method in Honeycomb Sandwich Beams with Mutilpe Delaminations”, International journal of Innovative Science, Engineering and Technology (IJSET), Vol. 2 , Issue 7, July 2015

#### **YEAR-2014**

#### **INTERNATIONAL JOURNAL**

1. **Antony John Viany\*\***, *Sandeep T N\** , M.A.M Azhar, “Study of Beam Column Joint Reinforced with Irregular Steel Fibers”, International Journal of Emerging Technology and Advanced Engineering, Vol. 4, Issue 9, September 2014

2. **Tity Susan Thomas\*\***, Asraff A.K, *Airin M.G\**, “Damaged modelling of Highly Ductile Copper Alloy”, International Journal of Emerging Technology and Advanced Engineering, Vol. 4, Issue 9, September 2014
3. **Deepa George\*\*** , Beena A.P, *Anshu G.Zacharias\** , “Fracture Analysis in Typical Cracked Configurations”, International Journal of Emerging Technology and Advanced Engineering, (IJETAE), Vol. 4, Issue 12, December 2014
4. **Shinju Sajeev Valaparambil\*\*** , Sivan P.P, *Sanya Maria Gomez\** , “A MATLAB Program for Interaction Curves of Prestressed Concrete Columns with High Tensile Steel Bars”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), Vol. 11, Issue 15, September- October 2014
5. **Shinju Sajeev Valaparambil\*\*** , Sivan P.P, *Sanya Maria Gomez\** , “Development of Interaction Curves for Prestressed Concrete Columns with Cold Drawn Wires”, International Journal of Emerging Technology and Advanced Engineering, (IJETAE), Vol. 4, Issue 9, September 2014
6. **Aiswarya S\*\*** , *Nandita Mohan\** , “Vulnerability Analysis By The Development of Fragility Curves”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE) ,ISSN:2278-1684,p- ISSN: 2320-334X,PP 33-40
7. **Riji G\*\*** , U.Krishnakumar, *Nandita Mohan\** , “Development of P-M Interaction Curve for Chimney with Opening at any Arbitrary Location”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 48-54
8. **Anand Raj\*\***, *Airin M.G\** , “Experimental and Analytical Investigation of Strut and Tie Model Method of Pile cap”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 30-35

9. **G.S Balakrishna\*\***, *Jini Jacob\**, “Seismic Analysis of Building Using Two Types Of Passive Energy Dissipation Devices”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 13-19
10. **Rohini G Nair\*\***, *Sanya Maria Gomez\**, “Numerical Analysis on Fire Resistance of Prestressed Concrete T-beam”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 66-73
11. **Parvathy Krishnakumar\*\***, *Jini Jacob\**, “Seismic Analysis of Steel Fuel Storage Tanks”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 41-47
12. **Safna M.S\*\***, *Sanya Maria Gomez\**, “Numerical Analysis Of CFRP Wrapped RC Columns”, IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 52-59
13. **Nithin Kumar P\*\***, *Ayona S Nair\**, *Sreedevi V M\**, “Study on Fracture Prameters of Bacterial Concrete”,IOSR Journal of Mechanical and Civil Engineering, (IOSR-JMCE), ISSN:2278-1684,p- ISSN: 2320-334X,PP 06-12

## **YEAR- 2013**

### **INTERNATIONAL JOURNAL**

1. **C.Bhavya\*\***, *Sanya Maria Gomez\**, “Design and FE Analysis of Anti- Slosh Baffles for Fourth Stage of PSLV”, International Journal of Industrial Engineering and Management Science, (IJIEMS), Vol.3, No.2, June 2013

**YEAR-2011**

**INTERNATIONAL JOURNAL**

1. **Sandeep M S\*\***, *Dhileep M\**, *Anitha G Pillai\**, “A strut and Tie Model for the Dynamic Analysis of Beams and Frames”, International Journal of Earth Science and Engineering, (IJESE), Vol. 04, No 06 SPL, pp.699-702,October 2011

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