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### Journal Publications: 20

1. Dinesh Kanna M and **Arun M** “Effects of Longitudinal and Transverse Direction Opening in Reinforced Concrete Beam: The State of Review”, IoP Conference Series: Materials Science and Engineering (Under Review)
2. **Arun M**, Geetha Priya B S, Jayabharathi M, Angayarkkani R “Affordable housing: Cost Effective Construction Materials for Economically Weaker Section People” - Materials Today: Proceedings (Under Review)
3. Karthick M, Balasubramaniam T and **Arun M** “Performance Assessment of concrete Incorporating Recycled Coarse Aggregates and Graphene Oxide” - IOP Conference Series: Materials Science and Engineering (Under Review)
4. Jeyareshmy S, Balasubramaniam T and **Arun M** “Experimental Study on Mechanical Properties of Alkali Aluminate Cement Concrete Blended with Graphene Oxide” – Journal of Engineering Research – Communicated
5. Sharan Karthik P M, Sureshkumar S, Bharath M, Balasubramaniam T and **Arun M** “Effectiveness of Industrial waste materials used as Ingredients in Flyash Brick Manufacturing” - Materials Today: Proceedings (Under Review)
6. Ramakrishnan S, **Arun M** and Gowthaman S “ Influence of Basalt Fibre Reinforcement (BFRP) Rebar as Shear Reinforcement in Concrete Beams: Experimental Investigation” - Journal of Engineering Research – Communicated

7. Ramakrishnan S and **Arun M** "Horizontal Thrust in Vertically Curved Reinforced Concrete Beams", *Practice Periodical on Structural Design and Construction, ASCE*, Vol. 24, Issue 2, (May 2019) DOI: 10.1061/(ASCE)SC.1943- 5576.0000418, pp. 04019005-1 to 04019005-10. **Scopus indexed Impact factor 0.61** ISSN (print): 1084-0680 | ISSN (online): 1943-5576
8. Aravindhnan C, Vasudevan M and **Arun M** "Numerical Modeling on Behavior of Concrete under elevated Temperatures", *International Journal of Engineering and Advanced Technology*, Vol. 8, Issue 2S, ISSN: 2249 – 8958, (December 2018) Retrieval Number: B10311282S18/18CBEIESP, pp. 110-113.
9. Ramakrishnan S, **Arun M**, Loganayagan S and Mukeshkanna M "Strength and Behaviour of Geogrid Reinforced Concrete Beams", *International Journal of Civil Engineering and Technology*, (June 2018), Vol.9, Issue 6, pp 1295-1303. **Scopus indexed Impact factor 2.76**
10. Sanjitha R and **Arun M**, "GIS Technique for surface water Contamination", *International Journal of Intellectual Advancements and Research in Engineering Computations*, Vol. 6, Issue 2, , pp 1165 - 1169. **Impact Factor 4.2**
11. **Arun M** & Arunachalam N "Deflection of Reinforced Concrete Beams with Longitudinal Circular Hole", *Practice Periodical on Structural Design and Construction, ASCE*, Vol. 23, Issue 1, (Feb 2018) DOI: 10.1061/(ASCE)SC.1943-5576.0000356, pp. 04017034-1 to 04017034-15. **Scopus indexed Impact factor 0.61**
12. Jayaraman A and **Arun M** "Overview of Corrosion and Advanced Corrosion Prevention Techniques." *International Journal for Scientific Research and Development*, Vol.5, Issue 9, (November 2017), pp. 527-532, ISSN 2321-0613. **Impact Factor 4.396**
13. **Arun M**, Sarankarthik P, Gandhimathi S & Madhumitha T S "Sustainable Development of Erode Municipal Corporation", *International Journal of Engineering, Technology, Science and Research*, Vol.4, Issue 10, (October 2017), pp. 707-715 ISSN 2394-3386. **Impact factor 2.120.**
14. **Arun M** & Arunachalam N "Influence of Longitudinal Circular Hole on Flexural Strength of Reinforced Concrete Hollow Beams", *Practice Periodical on Structural Design and Construction, ASCE*, Vol. 22, Issue 2, (May 2017). DOI: 10.1061/(ASCE)SC.1943-5576.0000307. pp. 04016021-1 to 04016021-10. **Scopus indexed Impact factor 0.61**
15. Rajkumar B and **Arun M**, "Comparative study on flat slab with and without Column Head using American code and IS Code", *International Journal of Intellectual Advancements and Research in Engineering Computations*, Vol.5, Issue 1, (March 2017), pp. 913-916 ISSN 2348-2079. **Impact factor 4.2.**

16. Anusha G and **Arun M** "Ooty Lake Remediation by Bio-Ozolyte", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, No. 1, (January 2017), pp. 1305-1309 ISSN 2249-7315. DOI: 10.5958/2249-7315.2017.00064.8
17. **Arun M** and Preetha R "Cost Comparative Studies on Steel Concrete Composite Beams" International Journal of Innovative Research in Science and Engineering, Vol.2, Issue 10, (October 2016). ISSN(O) : 2454 – 9665, ISSN(P) : 2454 – 0663. pp. 61-70. **Impact factor 0.998.**
18. Gnana Venkatesh S & **Arun M** "Influence of Different Types of Curing on Strength of Concrete", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 8, (August 2016), pp. 2377-2389 ISSN 2249-7315. DOI: 10.5958/2249-7315.2016.00752.8
19. **Arun M** and Arunachalam N "Ultimate Strength of RC Hollow Beams having Hole above and below the Neutral Axis", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 8, (August 2016), pp. 509-514 ISSN 2249-7315. DOI: 10.5958/2249-7315.2016.00630.4
20. Gokul T, **Arun M** and Arunachalam N 2016 "Effects of different types of curing on Strength of concrete", International Journal of Innovative Research in Science, Engineering and Technology, Volume-5, Issue-2 (February 2016), ISSN No.: 2319-8753(Online), 2347-6710(Print), **Impact factor 7.089**, P.P 1643 - 1649. DOI:10.15680/IJIRSET.2016.0502091