

# PANIMALAR ENGINEERING COLLEGE

## DEPARTMENT OF CIVIL ENGINEERING

### Academic Research

Number of quality publications in refereed/SCI Journals, citations, Books / Book Chapters etc.

### List of Journal Publications Academic year: 2018-2019

S.No	Author Name	Paper Title	Journal Title	Vol/ Issue/ Page No	Year of publication	Indexing	Impact Factor
1	ManojKumaar. C Dr.M.Mageswari,	International Journal of Civil Engineering and Technology (IJCIET)	Recovery Of Mechanical Properties Of Self Healing Concrete Using Super Absorbent Polymer (SAP)	10/02/202- 210	2019	Scopus Indexed	Impact Factor- 10.78
2	Dr.M.Mageswari, M.Priyadharshini, R.S.Shanmugapriya, T.Jenifarannabakyam	Journal of Applied Science and Computations	Comparative study of Replacement of Railway sleepers by plastic sleepers	6/4/136-146	2019	Google scholar	Impact Factor-5.8
3	Dr.M.Mageswari, Y.Monisha and A.R.Rinisha	Journal of Applied Science and Computations	Innovation Concrete By Using Plastic	6/4/424-431	2019	Google scholar	Impact Factor-5.8
4	Dr A.S.Kanagalakshmi, K.Sharan Kumar, A.Harineshwariya	Journal of Applied Science and Computations	Theoretical Analysis On Self Healing Concrete Using Bacteria	6/4/35-41	2019	Google scholar	Impact Factor-5.8
5	I.Elizabeth Ann, Dr.A.S. Kanagalakshmi	Journal of Applied Science and Computations	Analysis of commercial roof tiles over cool roof tiles	6/4/80-84	2019	Google scholar	Impact Factor-5.8

6	Dr.A.S.Kanagalakshmi,S.S. Sharutha, A.UmaMageshwari	Journal of Applied Science and Computations	Theoretical Analysis on Performance of cool roof using cool roof tiles	6/4/173-177	2019	Google scholar	Impact Factor-5.8
7	DR.A.S.Kanagalakshmi, M.Sathyanarayanan, M.Shyamsundar, M.Manigandan	Journal of Applied Science and Computations	Analytical Study Of Traffic Volume In Iyyapathangal Chennai City Tamilnadu	6/4/461-463	2019	Google scholar	Impact Factor-5.8
8	Dr.K.Dhanasekar, T.Visalatchi, M.Rajeshwari, R.Nebisheran	Journal of Applied Science and Computations	An Exploration of Nitrate content in Groundwater of Chennai Region, Tamilnadu, India	6/4/100-103	2019	Google scholar	Impact Factor-5.8
9	Dr.K.Dhanasekar, A.Vignesh, S.J.Rajeshkumar, S.Udaya, Nishin Raj	Journal of Applied Science and Computations	Study of Effect of Petrochemical Industries on Ground water	6/4/152-156	2019	Google scholar	Impact Factor-5.8
10	Dr.Latha.A, FilcitaJebblin.P, Gomathi.G	Journal of Applied Science and Computations	Comparison Of Eps Panels And 3d Panels In Building Construction	6/4/167-172	2019	Google scholar	Impact Factor-5.8
11	Dr.A.Latha, R.D.DheepaBabhu, D.SherlyneNeomiSulochana, JayaSudhaSri	Journal of Applied Science and Computations	Self Loading Mixer For Low Profile Concrete - A Review	6/4/279-283	2019	Google scholar	Impact Factor-5.8

12	Dr.A.Latha, B.Gayathiri, C.Dhivya, K.Abarna	Journal of Applied Science and Computations	Analysis On Plastic Paver Blocks	6/4/297-305	2019	Google scholar	Impact Factor-5.8
13	Dr.Latha.A, Princy.F, Hannah Jerline.S, Nivashini.M	Journal of Applied Science and Computations	Study of Traffic noise levels at Chennai city and its impact	6/4/94-99	2019	Google scholar	Impact Factor-5.8
14	Krishna kumari B, Ishwarya P, Jaslinsifora	Journal of Applied Science and Computations	Changes In Ground Water In Chennai Due To Cloud Burst	6/4/133-135	2019	Google scholar	Impact Factor-5.8
15	Krishna Kumari.B, Abithameenal.N, Priyadharshini.R	Journal Of Applied Science And Computations	Analysis Of Water Quality Across Cooum River And Its Possible Method Of Treatment	6/4/203-209	2019	Google scholar	Impact Factor-5.8
16	S.Laxmipriya, R.Manjupriya, P.R.Brigiline Paul, S.Mahalakshmi	Journal of Applied Science and Computations	Air Pollutionmodeling – A Review	6/4/104-110	2019	Google scholar	Impact Factor-5.8
17	S.Theerkadharshini, Kousalya.J, NithyaShree.VK	Journal of Applied Science and Computations	Review on New Innovative materials for construction	6/4/42-51	2019	Google scholar	Impact Factor-5.8

18	S.Theerkadharshini, R.Renupriyanka, S.Shankari	Journal of Applied Science and Computations	A Review On Pavement Defects And Alternative For Bitumen	6/4/60-69	2019	Google scholar	Impact Factor-5.8
19	Priya.K.V, Nivetha.V, Sonia.H, Bhavani.T.K	Journal of Applied Science and Computations	A Review Study on Evaluation of Sustainable Construction Material	6/4/162-166	2019	Google scholar	Impact Factor-5.8
20	L.Ranjith Kumar, T.VenkataKrishna, R.Vignesh, R.Suthen Ram, R.Vipin	Journal of Applied Science and Computations	Interfacial Bond Between Geopolymer Concrete And Normal Concrete	6/4/464-468	2019	Google scholar	Impact Factor-5.8
21	A.Venkatesan, P.Kaviya, P.Aishwaraya, S.Arulmozhi	Journal of Applied Science and Computations	Study on Buckling Behaviour of Encased Steel Concrete Columns	6/4/320-325	2019	Google scholar	Impact Factor-5.8
22	V.Ajith Kumar C.JagadeeshwaranM. MuralitharanN.Karthi k Raja Mr.A.Venkatesan	International Research Journal of Engineering and Technology (IRJET)	Treatment Of Galvanized Waste Water In Industry Outlet	6/3/8105- 8108	2019	Google scholar	Impact Factor- 7.529
23	Mr. A. Venkatesan Mr. S. Vigneshvaran Mr. K. Vignesh, Mr.A.C.Thiruneashw ar,	International Research Journal of Engineering and Technology (IRJET)	Process And Method Of Manufacturing And Review On Foam – Concrete	6/3/591-593	2019	Google scholar	Impact Factor- 7.529

24	A.Vijay, S.Dharani, V.M.Kishore, S.Manigandan	Journal of Applied Science and Computations	Impact of leachate on ground water pollution due to non engineered municipal solid waste landfill site in perungudi , Chennai , Tamilnadu , India	6/4/147-151	2019	Google scholar	Impact Factor-5.8
25	V.Malarvizhi, B.Revathi, R.Sweatha, J.Sindhukavi	Journal of Applied Science and Computations	A Study On The Application Of Biomimicry In Buliding Construction	6/4/197-202	2019	Google scholar	Impact Factor-5.8
26	Sharan Kumar K, Keerthivasan M.P, B. Gowtham, M. KoshalRaam	Journal of Applied Science and Computations	Analysis Of Base Ear(Vb),Frequency, And Spectral Acceleration Of 60 Floors Symmetrical Building Using TMD	6/4/235-241	2019	Google scholar	Impact Factor-5.8
27	Dr A.S.Kanagalakshmik. Sharan Kumar, A.Harineshwariya	Journal of Applied Science and Computations	Theoretical Analysis On Self Healing Concrete Using Bacteria	6/4/35-41	2019	Google scholar	Impact Factor-5.8
28	J.Kiruba, SanjanaJeevados, Kiruthika.R	Journal of Applied Science and Computations	Flexural Behaviour of Reinforced Concrete Strengthened With Glass FRP Wrapped Beams	6/4/119-125	2019	Google scholar	Impact Factor-5.8
29	Mohanapriya Krishnan, Manivannan.M, Mahindra Kumar.A and Surya.S	Journal of Applied Science and Computations	Storm Water Prediction And Management Considering The Climate Change	6/4/267-271	2019	Google scholar	Impact Factor-5.8

30	S.Manikandan,A.Hari prasad,J.Arihant,P.G okulnath	Journal of Applied Science and Computations	Optimisation Of Cold Formed Steel For Slip Failure Mechanism With Different Embossemnts	6/4/306-312	2019	Google scholar	Impact Factor-5.8
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