

# LIST OF PUBLICATIONS

1. P Sathishmohan, V Rajendran, **C. Vignesh Kumar**, PK Dhanasekaran, On nano semi pre neighbourhoods in nano topological spaces, 6(1), 2018, 294-298.
2. **C. Vignesh Kumar**, P. Sathishmohan and V. Rajendran, On Nano Semi-Pre Irresolute functions in Nano Topological Spaces, Advances in Mathematics: Scientific Journal, 9(5), 2931-2944, 2020, ISSN: 1857-8365.(Scopus)
3. P.K. Dhanasekaran, **C. Vignesh Kumar**, P. Sathishmohan and V. Rajendran, Some Normalities in forms of Nano Topological Spaces, Advances in Mathematics: Scientific Journal, 9(5), 2945-2954, 2020, ISSN: 1857-8365.(Scopus)
4. **C. Vignesh Kumar**, P. Sathishmohan, V. Rajendran, Applications of Nano Topological Properties in Filtering an Image, Advances and Applications in Mathematical Sciences, 18(11), 1509-1519, 2019. ISSN: 0974-6803. (Web of Science).
5. P. Sathishmohan, V. Rajendran, P. K. Dhanasekaran and **C. Vignesh Kumar**, Nano Pre-Regular and Strongly Nano Pre Regular Spaces, International Journal of Recent Technology and Engineering (IJRTE), Vol.7(5S), 464-466, 2019. ISSN: 2277-3878. (Scopus)
6. P. Sathishmohan, V. Rajendran, **C. Vignesh Kumar** and P. K. Dhanasekaran, A Few Separation Axioms on Nano Topological Spaces, International Journal of Recent Technology and Engineering (IJRTE), Vol.7(5S), 461-463, 2019. ISSN: 2277-3878. (Scopus)
7. K. Rajalakshmi, **C. Vignesh Kumar**, V. Rajendran and P. Sathishmohan, Note on Contra nano semi pre continuous functions, Indian Journal of Science and Technology, Vol. 12(16), April 2019. ISSN:0975 – 5645 (Web of Science)
8. P. Sathishmohan, V. Rajendran and **C. Vignesh Kumar**, More on nano semi pre- regular and nano semi pre-normal spaces, Malaya Journal of Matematik, Vol. S(1), 367-374, 2019. ISSN:2321-5666. (UGC)
9. P. Sathishmohan, V. Rajendran, P. K. Dhanasekaran and **C. Vignesh Kumar**, Further Properties of nano pre- $T_0$ , nano pre- $T_1$ , and nano pre- $T_2$ , spaces, Malaya Journal of Matematik, Vol. 7(1), 34-38, 2019. ISSN:2321-5666. (UGC)
10. P. Sathishmohan, V. Rajendran and **C. Vignesh Kumar\***, Properties of nano semi pre- $\theta$ -closed set in nano topological spaces, JASC: Journal of Applied Science and Computations, 5(11), 1588-1599.
11. P. Sathishmohan, V. Rajendran, P. K. Dhanasekaran and **C. Vignesh Kumar**, More on nano pre-neighborhoods in nano topological spaces, JASC: Journal of Applied Science and Computations, 5(10), 899-907.
12. P.K. Dhanasekaran, **C. Vignesh Kumar**, P. Sathishmohan and V. Rajendran, Application to detect of scratches on a surface using nano topology, Turkish Journal of Computer and Mathematics Education, 12(10), 4698-4707.
13. Sathishmohan. P, Chinnapparaj. L and **Vignesh Kumar. C**, Feebly  $\theta$ -closed sets and its properties, Turkish Journal of Computer and Mathematics Education Vol.12 No.10 (2021), 4674-4680.