

Name : Dr.R.Gowri
 Qualification : M.Sc., M.Phil., Ph.D
 Designation : Assistant Professor
 Department Name : Mathematics
 Date of Birth : 21.11.1978
 Date of Appointment : 28.02.2011
 Office Address : Department of Mathematics,
 Government College for Women(A),
 Kumbakonam.
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 Specialization : Čech Closure spaces
 Experience (UG/PG) : 16 years
 Research Guidance : Ph.D: 8 (Awarded: 2, Submitted:1, Doing:5)



PUBLICATION DETAILS

1. R. Gowri and G. Sahithyabharathi , Semi Separation Axioms in Soft multi topological spaces, International Journal Research and analytical Reviews,(Accepted), ISSN:2348-1269, IF:5.75(UGC Approved).
2. R. Gowri and M. Pavithra, Characterization of almost k^* continuous function in Ideal closure spaces, International Journal Research and analytical Reviews, Vol.6(1),25-35 Jan 2019 ISSN:2348-1269, IF:5.75(UGC Approved).
3. R. Gowri and A.K.R. Rajayal, Supra pairwise b - locally open (closed) functions in supra bitopological spaces, International journal of Management Technology and Engineering, Vol.9 no 1,679-685, Jan 2019, ISSN:2249-7455, IF:6.34, (UGC approved)
4. R. Gowri and J. Kavitha, The Structure of GK Algebra, International Journal for Research in applied science and Engineering Technology, Vol.6, No.4,1208-1212, April 2018, ISSN: 2321-9653: IF: 6.887, (UGC approved).
5. R. Gowri and G. Sahithyabharathi , Soft multi b -compact spaces, International Journal of Emerging Technologies and Innovative Research, (Accepted), ISSN:2349-5162. IF:5.87 (UGC Approved).
6. R. Gowri and G. Vembarasi, Root cube difference Labeling of graphs , Journal of Emerging Technologies and Innovative Research, Vol5, No 11, 564-571, Nov 2018, ISSN: 2349-5162, IF: 5.87 (UGC approved).
7. R. Gowri and G. Sahithyabharathi, Soft multi regular generalized closed sets in soft multi topological spaces, International Journal of Mathematics and computation, Vol 29, No.4, 20-29, 2018.ISSN: 0974-570X.

8. R. Gowri and S.Vembu, Soft g^* -closed sets in soft minimal spaces, International Journal of Engineering Sciences, Advanced computing and Bio-technology. Vol.9, 76-83,2018, IF:3.376.
9. R. Gowri and M. Pavithra, Strongly k^* -continuous function and Completely k^* -continuous function in ideal closure spaces International Journal of Management Technology and engineering. Vol 8, No.9, 1889-1897, 2018, ISSN: 2249-7455, IF:6.34, (UGC approved).
10. R. Gowri and M. Pavithra, k^* -Continuous functions in ideal closure spaces, International Journal of Advances in Mathematics, Vol 2018, N0.3, 01-07, 2018, ISSN: 2456-6098. (SCOPUS).
11. R. Gowri and A.K.R. Rajayal, Supra b-open sets and supra b-locally open sets in supra bitopological spaces, International journal of research and analytical Reviews, Vol.5 no 4,1054-1059,2018, ISSN:2348-1269, IF:5.75, (UGC approved)
12. R. Gowri and A.K.R. Rajayal, On various results of $S\tau_{ij}$ - δ semi connectedness and compactness in supra bitopological spaces, Journal of Emerging Technologies and Innovative Research, Vol 5, No 9, 285-289, 2018, ISSN: 2349-5162, IF:5.87 (UGC approved).
13. R. Gowri and A.K.R. Rajayal, Supra pairwise connected and semi connected spaces, International Journal of Computer Engineering and Technology, Vol 9, No.4, 23-32, 2018,ISSN: 0976-6375, IF: 8.00 (UGC approved).
14. R. Gowri and A.K.R. Rajayal, Supra g^* -closed sets in supra bitopological spaces, International Journal of Advances in Mathematics, Vol 2018, N0.4, 57-66, May 2018, ISSN: 2456-6098, (Scopus).
15. R. Gowri and A.K.R. Rajayal, $S\tau_{ij}$ - $S\alpha$ g^* -closed sets in supra bitopological spaces, International Journal of Innovative Research in Science, Engineering and Technology, Vol 7, 4201-4210, April 2018, ISSN: 2319-8753, IF: 7.3
16. R. Gowri and G. Vembarasi, "Root Cube Mean Labeling of Some More Disconnected Graphs", International Journal of Multidisciplinary Education Research, Vol.7, Issue 7(2), Feb 2018, 51-60, ISSN: 2277-7881, IF: 5.818.
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17. R. Gowri and A.K.R. Rajayal, "Supra g -closed sets in supra bitopological spaces", International Mathematical Forum, Vol 13, 175 – 182, Feb 2018, ISSN: 1312-7594, IF: 0.323
18. R. Gowri and G. Vembarasi, "Root Cube Mean Labeling of Graphs", International Journal of Engineering Science Advanced Computing and Bio-Technology, Vol 8, No.4 2017, 248-255.
19. R. Gowri and A.K.R. Rajayal, "Supra α -open sets and Supra α -separation axioms in supra bitopological spaces", International Journal of Mathematics Trends and Technology. Vol.52, No.4, Dec 2017, 399-406 ISSN: 2231-5373, IF: 2.53.

20. R. Gowri and A.K.R. Rajayal, "Higher separation axioms in supra bitopological spaces", International Journal of Multidisciplinary Education research , Vol.6, Issue 11(3) Nov 2017, 164-171, ISSN: 2277-7881, IF: 5.818.
21. R. Gowri and A.K.R. Rajayal, "On Supra Bitopological Spaces", IOSR Journal of Mathematics, Vol.13, Issue 5 Sep 2017, 55-58, ISSN: 2278-5728, IF: 3.97.
22. R. Gowri and G. Sahithyabharathi, "Soft Multi Generalised Closed sets in Soft Multi Topological Spaces", International Journal of Mathematics Trends and Technology. Vol.50, No.4(2017), 201-209..
23. R. Gowri and G. Sahithyabharathi, "Characterazation of Higher Separation Axioms in Soft Multi Topological Spaces", International Journal of Multidisciplinary Education research , Vol.6, Issue 7(7) Oct 2017, 68-76 ISSN: 2231-5373, IF: 2.53.
24. R. Gowri and G. Sahithyabharathi, "Separation Axioms in Soft Multi topological Spaces", International Journal of Engineering science Advanced Computing and Bio Technology, Vol.8, No.3 Sept 2017, 176-184 IF 3.376.
25. R. Gowri and M. Pavithra, "Connectedness in Ideal Closure Spaces", International Journal of Engineering and Future Technology, Vol.15, Issue 4 Feb 2018, 38-47 ISSN: 2455-6432.
26. R. Gowri and M. Pavithra, "Separation Properties in Ideal Closure Spaces", International Journal of Advanced Research in Engineering and Technology, Vol.8, Issue 4 Aug 2017, 01-09 ISSN: 0976-6480, IF:8.83.
27. R. Gowri and M. Pavithra, "On Ideal Closure Spaces", International Journal of Engineering science Advanced Computing and Bio Technology, Vol.8, No.2 Jun 2017, 108-118 IF 3.376.
28. R.Gowri and S.Vembu and Jose Eduardo Sanabria, "Soft regular generalized closed sets in soft minimal spaces", International journal of Engineering and Future Technology, Vol.15, Issue 4(2018), 11-16.
29. R.Gowri and S.Vembu, "Connectedness in soft minimal spaces", International Journal of Multidicpilnary Education and Research, Vol.6, Issue 8(7), Aug 2017, 8-16 ISSN: 2277-7881, IF: 4.527.
30. R.Gowri and S.Vembu, "Soft g^* -closed sets in soft biminimal spaces", IOSR Journal of Mathematics, Vol.13, Issue 4 Aug 2017, 33-42, ISSN: 2278-5728, IF:3.97.
31. R.Gowri and S.Vembu, "Higher separation axioms in soft biminimal spaces", International Journal of Advanced Research and Review, 2(8), 2017, 13-17 IF:4.825.
32. R.Gowri and S.Vembu, "On separation axioms in soft minimal spaces", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 7 July 2017, 14433-14440, ISSN: 2319-8713 IF: 6.029.
33. R.Gowri and S.Vembu, "Some separation axioms in soft biminimal spaces", International Journal of Mathematics Trends and Technology, Vol. 46, No. 4, June 2017, 242-249 ISSN: 2231-5373, IF: 2.53.

34. R.Gowri and S.Vembu, "Soft g-closed Sets in soft biminimal spaces", International Journal of Mathematics And its Applications Vol- 5, Issue 1 2017, 361-366 ISSN: 2347-1557.
35. R.Gowri and S.Vembu, "Soft g-closed sets in soft minimal spaces", Int Jr. of Mathematics and Computer Research, Vol. 4, Issue 8 Aug 2016, 1563-71 ISSN: 2320-7167 .
36. R.Gowri and S.Vembu, "Dense sets in soft biminimal spaces", Quest Journals, Journal of Research in Applied Mathematics Vol- 3, Issue 1, Oct 2016, 08-13, ISSN: 2394-0743.
37. R.Gowri and S.Vembu, "The relation of boundary and exterior Sets in Soft Biminimal Spaces", International Journal of Engineering Trends and Technology Vol.36, No.6, June 2016 274-280 ISSN: 2231-5281.
38. R.Gowri and S.Vembu, "Exterior set in soft biminimal spaces", Int. Journal of Math.Trends and Technology Vol. 31, No.1 March 2016, 297-301, ISSN: 2231-5373, IF: 2.53.
39. R.Gowri and S.Vembu, "Boundary set on soft biminimal spaces", Int Jr. of Mathematical Science and Engg. Appls., Vol. 10, No.1, April 2016, 65-71 ISSN: 0973-9424 IF: 2.88.
40. R. Gowri and S. Vembu, "Soft minimal and soft biminimal spaces", Int Jr. of Mathematical Sciences and Applications, Vol. 5, No. 2 Dec 2015, 447-455 ISSN: 2230-9888.
41. R. Gowri and T. Rajeswari, "Smarandache alpha level subgroups", Journal of Ultra Scientist of Physical Sciences, Vol.28(4)A July 2016, 213-222, ISSN: 2319-8044, IF.
42. R. Gowri and T. Rajeswari, "Some properties of $S-\alpha$ anti fuzzy semigroups", International Journal of Mathematical Trends and Technology, Vol.35, No.1 July 2016, 24-31, ISSN 2231-5373, IF: 1.355.
43. R. Gowri and T. Rajeswari, " $S-\alpha$ Anti Fuzzy Semigroups", International Journal of Engineering Science and Innovative Technology, Vol.4, No.6, Nov 2015, 108-118 ISSN 2219-5967 IF: 1.913.
44. R. Gowri and T. Rajeswari, " $S-\alpha$ Fuzzy Semigroups", International Journal of Mathematical Sciences and Engineering Applications, Vol.9, No.1 March 2015, 307-318, ISSN 0973-9424, IF: 0.525.
45. R.Gowri and G.Jegadeesan, "Connectedness in fuzzy Čech Closure Spaces", Asian J. of current Engg. and maths, Vol. 2, Oct 2013, 326-328 ISSN 2277-4920,(Scopus).
46. R.Gowri and G.Jegadeesan, " R_0 -soft Čech Closure Spaces and R_1 -soft Čech Closure Spaces", International Mathematical Forum, Vol.11(18), 2016, 853-859 ISSN 1312-7594, IF: 0.323.
47. R.Gowri and G.Jegadeesan, "Higher Separation Axioms in Soft biČech Closure Space", Advances in Applied Mathematical Analysis, vol 11, (1) 2016, pp.55-61 ISSN 0973-5313, (Scopus).
48. R.Gowri and G.Jegadeesan, "Soft α gs-Closed Sets in Soft Čech Closure Space", Quest Journals Journal of Research in Applied Mathematics, Vol.2, Issue 10(2016), pp 5-9 ISSN 2394-0735, (Scopus).

49. R.Gowri and G.Jegadeesan, R.Gowri and G.Jegadeesan, “ Pairwise connectedness in Soft biČech Closure Spaces”, Journal of Math. and Informatics, Vol.6 sept 2016, 1-6 ISSN 2349-0632, IF: 1.627.
50. R.Gowri and G.Jegadeesan, “ Strongly Soft g-Closed Sets and Strongly Soft δ -Closed Sets in Soft Čech Closure Spaces”, IOSR Journal of Mathematics, Vol.12, Issue 3, Ver.IV June 2016, pp 14-20 ISSN 2278-5728, IF: 1.759.
51. R.Gowri and G.Jegadeesan, “Soft δ -Closed Sets in Soft Čech Closure Spaces”, Advances in Theoretical and Applied Mathematics, Vol.11(2) 2016, pp 105-114, ISSN 0973-4554, (Scopus).
52. R.Gowri and G.Jegadeesan, “ Strongly Soft δ -Closed Sets in Soft Čech Closure Spaces”, IOSR Journal of Mathematics, Vol.12, Issue 4, Ver.I (2016), pp 47-53 ISSN 2278-5728, IF: 1.759.
53. R.Gowri and G.Jegadeesan, “ Soft Generalized Closed Sets in Soft Čech Closure Spaces”, Global Journal of Pure and Applied Mathematics, Vol.2, No.1(2016), 909-916 ISSN 0973-1768, (Scopus).
54. R.Gowri and G.Jegadeesan, “Connectedness in soft Čech closure spaces”, Annals of Pure and Applied Mathematics, vol. 11(1) Feb 2016, 115-122 ISSN 2279-0888, IF: 2.117.
55. R. Gowri and G. Jegadeesan, “Some Higher Separation Axioms in Soft Čech Closure Spaces”, Int.Mat.Forum, Vol.10, No.11 2015, 519-525 ISSN 1312-7594, IF: 0.323.
56. R.Gowri and G.Jegadeesan, “On soft biČech closure spaces”, Int.J.Math. Archive ,vol 5(11), (2014) 99-105 ISSN 2229-5046, IF: 4.908.
57. R.Gowri and G.Jegadeesan, “On soft Čech closure spaces”, Int. J. Math. Trends and Technology ,vol 9(2), May 2014) 122-127, ISSN 2231-5373, IF: 1.355.
58. R. Gowri and V. Swaminathan, “ α gs sets in Čech closure spaces”, Global Journal of Theoretical and Applied Mathematics and Sciences, Vol 1, No.3 2011, 195-200 ISSN 2248-9916.
59. R. Gowri and K. Chandrasekhara Rao, V. Swaminathan and S. Stalin, “Čech closure spaces in structural configuration of proteins”, Advanced Studies in Biology, Vol 1, No.2(2009), 95-105, ISSN 1313-9495, IF: 0.365.
60. R. Gowri and K. Chandrasekhara Rao and V. Swaminathan, “Čech weakly δ -open sets”, International Journal of Math. Form, 3, No.37(2008), 1841-1851 ISSN 1312-7594, IF: 0.323.
61. R. Gowri and K. Chandrasekhara Rao and V. Swaminathan, “ α gs-closed sets in Bi Čech closure spaces”, International Journal of Contemporary Mathematical Sciences, Vol.3, No.24(2008), 1165-1172 ISSN 1312-7586 IF: 0.665.
62. R. Gowri and K. Chandrasekhara Rao, “Pairwise connectedness in Bi Čech closure spaces”, Antarctica Journal of Mathematics, 5(1)(2008), 43-50 ISSN 0972-8643.

63. R. Gowri and K. Chandrasekhara Rao and V. Swaminathan, "Some separation axioms in Bi Čech closure spaces", *Antarctica Journal of Mathematics*, 4(2)(2007), 167-173 ISSN 0972-8643.
64. R. Gowri and K. Chandrasekhara Rao, "Regular generalized closed sets in Bi Čech closure spaces", *Journal of Ins. of Maths and Comp., Sci.,(Math.scr)* Vol.19, No.3 (2006), 283-286.
65. R. Gowri and K. Chandrasekhara Rao, "On biclosure spaces", *Bulletin of Pure and Applied Science*, vol.25E(1)(2006), 171-175 ISSN 0970-6577, IF: 0.011.
66. R. Gowri and K. Chandrasekhara Rao, "On Closure Spaces", *Varahamihir Journal of Mathematics*, Vol 5, No.2(2005), 375-378 ISSN 0972-7329.

Conference/Seminar Attended

- Organized Mini Winter School on "PYTHON-2017", Government College for Women(A), Kumbakonam on February 14 to 16, 2017.
- Organized one day workshop on "LIE GROUPS", Government College for Women(A), Kumbakonam on 14th March 2015.
- Organized Mini Winter School on "ULTRA COLD ATOMS", Government College for Women(A), Kumbakonam on December 22nd to 24, 2014.
- Participated Training Programme on "Data Analytics Consultants", Alagappa University, Karaikudi on February 26 to 28, 2018.
- Participated one day zonal level seminar for YRC Programme Officers of Bharathidasan University Area" on February 10, 2017.
- Participated Workshop on "Open source Training through Distance Education", Bharathidasan University, Trichirappalli – 2015.
- Participated Faculty Development Programme one day seminar on "Creating Teaching Techniques" organized by Internal quality Assurance cell in collaboration with Swami Vivekandandha Illam, Sri Ramakrishna Math, Chennai on 22.08.2015.
- Participated Workshop on "Frontier Areas in Symbolic Computing and Cloud Computing", Government College for Women(A), Kumbakonam – 2014.
- Participated Workshop on "Mathematical modeling in Biology using SPSS", Government College for Women(A), Kumbakonam - 2013
- Participated Workshop on "Handson Training in Interactive Devices ", Government College for Women(A), Kumbakonam on 13.9.13.
- Participated Workshop on "Mathematical Statistics using Biology", Government College for Women(A), Kumbakonam - 2012.
- Participated National Conference on "Graph Theory and its Applications"- SASTRA University- 2012.

- Participated National Conference on “Vedic Mathematics and Ancient Indian Mathematics”- SASTRA University- 2010.
- Participated International conference on “Number Theory and Modular Forms” – Srinivasa Ramanujan Centre, SASTRA University – 2008.
- Participated Symposium on Cryptography – Srinivasa Ramanujan Centre, SASTRA University – 2007.
- Participated International Conference on Number Theory, Theoretical Physics and Special Functions - Srinivasa Ramanujan Centre, SASTRA University – 2007.
- Participated International Conference on Number Theory and Combinatorics - International Conference on Number Theory and Modular Forms - Srinivasa Ramanujan Centre, SASTRA University – 2006.
- Participated International Conference on Number Theory and Fourier Techniques – International Conference on Number Theory and Modular Forms - Srinivasa Ramanujan Centre, SASTRA University – 2004.
- Participated International Conference on Number Theory for Secure Communications - International Conference on Number Theory and Modular Forms - Srinivasa Ramanujan Centre, SASTRA University – 2003.

Extension Activities: Youth Red Cross Coordinator from June 2014-April 2017.

Membership in Academic

- Member of Board of Study for both Under Graduate and Post Graduate in Autonomous Institutions.
- Member of Doctoral Committee for Research Scholar in other Autonomous Institutions.

Professional Bodies

- Member of Ramanujan Mathematical Society.
- Member of Old Student Association, Government College for Women, Kumbakonam.

Orientation / Refresher Courses Attended

- 4th May to 28 May 2011 (28 days), Participated in the Orientation Course conducted by the UGC-Academic Staff College, Tamil Nadu State Higher Education, Chennai.
- 7th Nov. to 27th Nov. 2013 (21 days), Participated in the Refresher Course in Mathematics Analysis and its Applications conducted by the UGC-Academic Staff College, Madurai Kamaraj University, Madurai.
- 2nd May to 14th May 2018 (14 days), Participated Refresher Course on Topology conducted by Science Academics, Ramanujan Institute of Advanced Mathematics, Madras University, Chennai.

Resource Person

- Delivered a lecture on “FUZZY ALGEBRA’ in Annai Arts and Science College, Kumbakonam.
- Delivered a lecture on “VEDIC MATHEMATICS” in Idhaya College For Women, Kumbakonam .
- Delivered a lecture on “Srinivasa Ramanujan” in Department of Mathematics, Government College for Women, Kumbakonam.

Other (relevant to academic activity)

- Soft Skill Trainer for Creating Opportunities in Employment Sponsored by TANCHE 2017 – 2018.
- Placement Coordinator from June 2012- February 2015.
- SSCOPE (Soft Skills Creating Opportunities in Employment) Coordinator 2013 -2014.
- Assist the Coordinator for Entry in Service Coaching Class Sponsored by UGC in the Year 2011-2012.
