

STAFF PROFILE

- 1) Name : Dr. K. Mohana
- 2) Designation : Assistant Professor
- 3) Department : Mathematics (Aided)
- 4) Qualification : M. Sc., M. Phil., PGDCA., PGDOR., B. Ed., Ph. D.,
- 5) Experience : 14 years Teaching :14 years Research : 10years
- 6) Area of Specialization (s) : General Topology, Fuzzy Topology
- 7) E-mail : riyaraju1116@gmail.com
- 8) Academic Qualifications : M. Sc., M. Phil., B. Ed., Ph. D.,
- 9) Additional Qualifications :

Diploma/ Vocational/ Certification	Area of Spealization	Institution/ University/ Agency Name	Year
PGDCA.,	Computer Applications	Bharathiar University	April 2006
PGDOR.,	Operations Research	Bharathiar University	April 2007

10) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	4
M. Phil.	5	-

11) Research Publications

International

1. **K. Mohana** and I. Arockiarani, π sg-closed sets in bitopological spaces, International Journal Of Mathematical Archive, Vol 2 No 9, pp 1734-1741, 2011.

2. **K. Mohana** and I. Arockiarani, $(1,2)^*-\pi g\alpha$ closed maps in bitopological spaces, International Journal Of Mathematical Analysis, Vol 5, No 29, pp 1419-1428, 2011.
3. **K. Mohana** and I. Arockiarani, Contra- $(1, 2)^*-\pi g\alpha$ -Continuous functions in Bitopological spaces, Advances in Applied Mathematical Analysis, Vol 6, No 2, pp 95-105, 2011.
4. **K. Mohana** and I. Arockiarani, Almost contra- $(1, 2)^*-\pi g\alpha$ -Continuous functions, Advances in Theoretical and Applied Mathematics, Vol 6, No 3, pp 323-331, 2011.
5. **K. Mohana** and I. Arockiarani, $(1,2)^*-\pi g\alpha$ -normal spaces, Int. J. Contemp. Math. Sciences, Vol 6, No 29, 1433-1438, 2011.
6. **K. Mohana** and I. Arockiarani, On completely- $(1, 2)^*-\pi g\alpha$ -irresolute functions, International Mathematical Forum, vol 6, No 38, pp 1885-1892, 2011.
7. **K. Mohana** and I. Arockiarani, $(1, 2)^*-\text{strongly } \pi g\alpha$ -closed sets, Journal of Advanced studies in Topology, Vol 2, No 2, pp 31-36, 2011.
8. **K. Mohana** and I. Arockiarani, Remarks on strongly- $(1, 2)^*-\pi g\alpha$ -closed mappings, International Journal Of Mathematical Archive, Vol 2, No 8, pp 1286-1289, 2011.
9. **K. Mohana** and I. Arockiarani, $(1, 2)^*-\pi g\alpha^{**}$ - compact spaces and $(1, 2)^*-\pi g\alpha^{**}$ - connected spaces in bitopological spaces, International Journal of advanced scientific and Technical research, Vol 1, No 2, pp 59-68, 2011.
10. **K. Mohana** and I. Arockiarani, $(1, 2)^*-\text{Supra } \pi g\alpha$ -closed sets, Bulletin of Kerala Mathematics Association, Vol 7, No 2, 2011.
11. **K. Mohana** and I. Arockiarani, On $(1, 2)^*-\pi g\alpha^{**}$ -closed sets and $(1, 2)^*-\pi g\alpha^{**}$ -continuous functions in bitopological spaces, Scientia Magna, Vol 7, No 3, pp 39-45, 2011.
12. **K. Mohana** and I. Arockiarani, Weakly- $(1, 2)^*-\mathcal{M}_{\delta\pi}$ -closed Maps in bitopological spaces, Bulletin of Kerala Mathematics Association, Vol 7, No 2, pp 37-48, 2011.
13. **K. Mohana** and I. Arockiarani, $(1, 2)^*-\pi g$ -homeomorphisms in Bitopological spaces, CIIT International Journal of Automation and Autonomous System, 2011.
14. **K. Mohana** and I. Arockiarani, Mildly- $(1, 2)^*-\pi g\alpha$ -Normal spaces, Global Journal of Mathematical science: Theory and Practical, Vol 4, No 3, pp 195-202, 2012.

15. **K. Mohana** and I. Arockiarani, Remarks on Strongly- $(1, 2)^*$ - $\pi g\alpha$ -Continuous Functions, International Journal of Algorithms., Computing and Mathematics, Vol 5, No 2, pp 36-47, 2012.
16. **K. Mohana** and I. Arockiarani, On Quasi $(1, 2)^*$ - $\pi g\alpha$ -open and Quasi $(1, 2)^*$ - $\pi g\alpha$ -closed functions, International Journal Of Mathematical Archive, Vol 3, No 1, pp 126-130, 2012.
17. **K. Mohana** and I. Arockiarani, $(1, 2)^*$ - $M_{\delta\pi}$ -closed set in Bitopological spaces, International Journal Of Mathematical Archive, Vol 3, No 5, pp 2083-2088, 2012.
18. **K. Mohana** and I. Arockiarani, $(1, 2)^*$ -Q-closed sets in bitopological spaces, Scientia Magna, Vol 8, No 3, pp 8-15, 2012.
19. **K. Mohana**, I. Arockiarani and S. Jafari, Low Separation Axioms Via $(1, 2)^*$ - $Mm\pi$ -closed sets in biminimal spaces, International Journal for Research in Mathematics and Statistics, 2(1), 6-18, 2016.
20. V.Christy and **K.Mohana**, $(1,2)^*$ -Mgp-closed sets in Bitopological settings, International journal of Innovative Research in science, Engineering and Technology, 5(2), 1687-1671, 2016.
21. V.Christy and **K.Mohana**, Various mappings via $(1, 2)^*$ -Mgp-closed sets in bitopological settings, International Journal of Multidisciplinary Research and Development Journal, 3(8), 333-340, 2016.
22. V.Christy and **K.Mohana**, Characterizations of Soft- πgp -Closed sets in soft topological spaces, International Journal of Applied Research, 2(7), 959-964, 2016.
23. V.Christy and **K.Mohana**, On Soft- ΠGP -Continuous Functions in Soft Topological Spaces, International Journal of Engineering Science and Computing, 6(8), 2605-2610, 2017.
24. V. Radhika, **K. Mohana** and S. Anitha, Supra soft πg -closed sets in soft supra topological spaces, International Journal of Applied Research, 3(11), 83-88, 2017.
25. **K Mohana** and S Anitha, On soft -slightly-GSR-continuous functions, International Journal of Multi Disciplinary Research & Development, 4(3), 167-171, 2017.
26. **K. Mohana** , S. Anitha and V. Radhika, On soft GSR-closed sets in soft Topological Spaces, International Journal of Engineering Science and Computing, 7(1), 4116-4120, 2017.

27. S.Vinnarasi and **K Mohana** , On supra soft Generalized pre regular closed and open sets in Soft Supra Topological spaces, International Journal of Applied Research, 3(7), 1077-1017, 2017.
28. S.Vinnarasi and **K Mohana**, Supra soft gpr separation Axioms in Soft Supra Topological Spaces, International Journal of Multi Disciplinary Research & Development, 5(7), 858-865, 2017.
29. S Anitha and **K Mohana**, Intuitionistic fuzzy gsr cokernal compact spaces, International Journal of Research Trends and Innovation, 3(7), 75-85, 2018.
30. S Anitha and **K Mohana**, On Intuitionistic fuzzy slightly gsr continuous functions, International Journal for Scientific research and development, 6(10), 310-319, 2018.
31. R. Janani and **K Mohana**, On generalized semi closed sets in Intuitionistic Topological Spaces, International Journal of Innovative Research in Technology, 4(9), 455-461, 2018.
32. Stephy Stephen, **K. Mohana**, Igsr Continuity and Igsr Compactness In Intuitionistic Topological Spaces, International Journal of Innovative research and technology, 4(9), 63-68, 2018.
33. Stephy Stephen, **K. Mohana**, Intuitionistic Generalized Semi Regular Cokernal Compact Spaces, International Journal of Engineering Science, 8(2), 16066-16070, 2018.
34. Stephy Stephen, **K. Mohana**, On Generalized Semi, Regular closed sets in Intuitionistic Topological Spaces, International Journal of Mathematical Archive, 9(3), 101-105, 2018.
35. **K.Mohana** , M.MohanaSundhari, On Some Similarity Measures of Single Valued Neutrosophic Rough Sets, Neutrosophic sets and systems, Vol 24, No 1, 10-22, 2019.
36. V.Christy, **K.Mohana** and Florentin Smarandache, On Multi-Criteria Decision Making problem via bipolar single-valued Neutrosophic Settings, Neutrosophic Sets and Systems, 25(1), 125-135, 2019.
37. R.Princy,**K.Mohana**, Dice Similarity Measure Between Neutrosophic Bipolar Vague Multisets and its Application in Medical Diagnosis, International Journal of Research and Analytical Reviews, 6(1), 463-469, 2019.
38. R.Jansi,**K.Mohana**, TOPSIS for Solving Multi-Criteria Decision Making Problems under Bipolar Pythagorean fuzzy Information, International Journal of Research and Analytical Reviews, Vol-6,No-1,PP 138-148, 2019.

39. V.Christy, **K.Mohana** and Florentin Smarandache, Some geometric aggregation operators based on bipolar picture fuzzy sets and their application in multiple attribute decision making, International Journal of Research and Analytical Reviews, 6(1), 255-261, 2019.
40. **K.Mohana**, R.Jansi, Bipolar Pythagorean Fuzzy Sets and Their Application Based on Multi-Criteria Decision Making Problems, International Journal of Research in Advent Technology, Vol-6, No-12, PP 3754-3764, 2019.
41. R.Jansi, **K.Mohana**, Bipolar Pythagorean fuzzy A-ideals of BCI Algebra, International Journal of Innovative Science, Engineering & Technology, Vol-6, No-5, PP 102-109, 2019.
42. R.Princy, **K.Mohana**, An Application of Neutrosophic Bipolar Vague on Multi-Criteria Decision Making Problems, International Journal of Research In Advent Technology, 7(1), 265-273, 2019.
43. S Anitha, **K Mohana**, IFgsr - Closed Sets in Intuitionistic Fuzzy Topological Spaces, International Journal of Innovative Research in Technology, Vol-5, Issue-2, Pg-365-369, 2018.
44. S Anitha, **K Mohana**, Ifgsr -Continuous Mappings in Intuitionistic Fuzzy Topological Spaces, International Journal of Innovative Research in Technology, Vol-5, Issue-5, Pg-181-187, 2018.
45. S Anitha, **K Mohana**, Intuitionistic Fuzzy gsr Cokernal Compact Spaces, International Journal for Research Trends and Innovation, Vol-3, Issue-7, 75-80, 2018.
46. **K. Mohana** , R. Jansi, A Heptagonal Fuzzy number in Solving Fuzzy Sequenceing Problem, International Journal of Innovative Research in Technology, 5(6), 240-248, 2018.
47. M. Keerthana, **K. Mohana** , R. Jansi, Optimal Solution of fuzzy Game Problem Using Heptagonal fuzzy Numbers, International Journal of Innovative Research in Technology, 5(7), 122-129, 2018.
48. R Kaviya, **K. Mohana** , R. Jansi, Transportation Problem with Nanogonal Intuitionistic fuzzy numbers solved using Ranking Technique and Russell's Method, International Journal of Innovative Research in Technology, 5(7), 188-199, 2018.
49. S Anitha, **K Mohana**, F. Smarandache, On NGSR Closed Sets in Neutrosophic Topological Spaces, Neutrosophic Sets and Systems, Vol-28, Pg-171-178, 2019.

50. R.Jansi,**K.Mohana**,Florentin Smarandache, Correlation Measure for Pythagorean Neutrosophic Sets with T and F as Dependent Neutrosophic Components, Neutrosophic Sets and Systems, Vol-30,PP 202-212, 2019.
51. M. Mohanasundari , **K. Mohana**, Quadripartitioned Single valued Neutrosophic Dombi Weighted Aggregation Operators for Multiple Attribute Decision Making, Neutrosophic sets and systems, 32(1), 107-122, 2020.
52. **K Mohana** , R Princy, Florentin Smarandache, An Introduction to Neutrosophic Bipolar Vague Topological Spaces, Neutrosophic Sets and Systems, 29, 62-70, 2019.
53. R. Jansi, **K. Mohana**, Tangent and Cotangent Similarity Measures of Pythagorean Neutrosophic Sets with T and F are Dependent Neutrosophic Components, Infokara Research, Vol-8,No-8,PP 657-671, 2019.
54. R. Princy, **K. Mohana**, Vector Similarity Measures of Spherical Fuzzy Sets and their Application in Multi-Criteria Decision Making Problem, Infokara Research, 8(10), 240-249, 2019.
55. R. Jansi, **K. Mohana**, Bipolar Pythagorean Fuzzy π Generalized Pre-Closed Sets in Topological Spaces, The International journal of analytical and experimental modal analysis, Vol-12,No-1,PP 164-171, 2020.
56. R. Princy, **K. Mohana**, An Introduction to Spherical fuzzy Topological spaces, International Journal of innovative Research In Technology, 6(5), 110-113, 2019.
57. R. Princy, **K. Mohana**, Spherical Bipolar Fuzzy Sets and Its Application in Multi Criteria Decision Making Problem, Journal of New Theory, 32,58-70, 2020.
58. M. Mohanasundari , **K. Mohana**, Axiomatic Characterizations of Quadripartitioned Single Valued Neutrosophic Rough Sets, Journal of New Theory, 30 (2020) 86-99, 2020.
59. V.Christy and **K. Mohana**, BCH-sub algebras and Sub semiring based on bipolar picture fuzzy set, GIS science journal, 329-347, 2020.
60. S Mahema, **K Mohana**, Interval Valued Regular Weakly Generalized Closed Sets in Pythagorean Fuzzy Topological Spaces, International Journal of Analytical and Experimental Modal Analysis, XIII.,II,720-727, 2021.
61. N Arthi , **K Mohana**, Connectedness in Interval Valued Pythagorean Fuzzy Topological Spaces, International Journal of Analytical and Experimental Modal Analysis, XIII.,II,666-675, 2021.

62. S Saji Antonia, **K Mohana**, Generalized Distance Measures Of Interval- Valued Pythagorean Fuzzy Sets, International Journal of Analytical and Experimental Modal Analysis, XIII.,III,1302-1313, 2021.
63. V.Christy and **K. Mohana**, Some new Spaces via Bipolar single valued neutrosophic set, Infokara Research, 9(10), 293-306, 2020.
64. V.Christy and **K.Mohana**, Bipolar picture fuzzy UP-sub algebra, Journal of Information and Computational Science, 10(10), 543-556, 2020.
65. V. Christy and **K. Mohana**, Bipolar picture fuzzy Dombi weighted geometric operator and its application, STARD Research, 7(10), 321-330, 2020.
66. V.Christy and **K.Mohana**, Bipolar Picture Fuzzy Hamacher Weighted Geometric Operator in Multiple Attribute Decision Making, The International Journal of Analytical and Experimental Modal Analysis, XII(X), 1524-1534, 2020.
67. R. Janani , **K. Mohana**, Interval valued Pythagorean Fuzzy Dombi aggregation operators and its application in Multiple Decision Making Problems, Infokara Research, 9(10),257-277, 2020.
68. R. Janani , **K. Mohana**, Interval valued Pythagorean Fuzzy Generalized Semi-closed Sets, Infokara Research, 9(10),310-320.
69. R.Princy, **K. Mohana**, Generalized Alpha Closed Sets In Neutrosophic Bipolar Vague Topological Spaces, International Journal of Research Publication and Reviews, Vol (2) Issue (2), 86-92, 2021.
70. V.Christy and **K.Mohana**, Bipolar single valued neutrosophic generalized continuous mappings, International Journal of All Research Education and Scientific Methods, 9(4), 1966-1979, 2021.
71. V.Christy and **K. Mohana**, Baire spaces via Bipolar single valued neutrosophic set, Internal journal of Multidisciplinary Research, 7(4), 359-370, 2021.
72. V.Christy and **K. Mohana**, Bipolar single-valued neutrosophic relation, Journal of Emerging Technologies and Innovative Research, 8(4), 498-506, 2020.
73. R.Jansi, **K. Mohana**, Bipolar Pythagorean Fuzzy Subring of a Ring, The Journal of New Theory, Vol-30,PP 8-20, 2020.
74. M. Mohanasundari, **K. Mohana**, K-algebras on Quadripartitioned Single valued Neutrosophic sets, Journal of Fuzzy Extension & Applications, 1(4), 344-360, 2020.

75. S. Saji Antonia and **K Mohana**, Correlation Measure for Interval valued Pythagorean Fuzzy Sets, Journal of Computational Mathematica, 5(1), 048-059, 2021.
76. R. Jansi, **K. Mohana**, Pairwise Pythagorean Neutrosophic Strongly Irresolvable Spaces (with dependent neutrosophic components between T and F), International Journal of Neutrosophic Science, Vol-12,No-1,PP 50-57, 2020.
77. R. Jansi, **K. Mohana**, Pythagorean neutrosophic Subring of a ring, Journal of Computational Mathematica, Vol-4,No-2,PP 1-9, 2021.
78. R. Princy, **K. Mohana**, Some Similarity Measures of Spherical Fuzzy Sets Based On the Euclidean Distance and their Application In Medical Diagnosis, Journal of Fuzzy Extension and Application, 1(3), 259-267, 2020.
79. R.Jansi, **K.Mohana**, Pairwise Pythagorean Neutrosophic P-spaces (with dependent neutrosophic components between T and F), Neutrosophic Sets and Systems, Vol-41,PP 246-257, 2021.
80. R.Princy, **K. Mohana**, Neutrosophic Bipolar Vague Generalized Alpha Continuous Mappings, Journal of Xi'an University of Architecture and Technology, XIII, Issue 7,696-704, 2021.
81. R.Princy, **K.Mohana**, Clustering Methods Using Distance Based Similarity Measures of Spherical Fuzzy Sets, GIS Science Journal, 8(8), 763-775, 2021.
82. M. Mohanasundari and **K. Mohana**, Quadripartitioned Single Valued Neutrosophic Generalized Closed Sets and Generalized Connected, Compact Spaces, The International journal of analytical and experimental modal analysis, 13(6), 13-20, 2021.
83. R.Princy, **K.Mohana**, Neutrosophic Bipolar Vague Resolvable and Neutrosophic Bipolar Vague Irresolvable Spaces, Journal of Computational Mathematica, 5(1), 076-087, 2021.
84. R.Princy, **K. Mohana**, Spherical fuzzy cross-entropy for multiple attribute decision making problem, Journal of fuzzy extension and Application, 2021.
85. M. Mohanasundari and **K. Mohana**, Quadripartitioned Neutrosophic Mappings with its Relations and Quadripartitioned Neutrosophic Topology, International Journal of Mathematics And its Applications, 9(1), 83-93, 2021.

National

1. I. Arockiarani and **K. Mohana**, πg –Closed sets and π -Normal spaces in Bitopological settings, Acta Ciencia Indica, Vol XXXV No 2, pp 457-465, 2009.
2. **K. Mohana** and I. Arockiarani, Functions with πg -closed graphs, Far East Journal Of Mathematics, Vol 47, No 1, pp 99-107, 2010.
3. **K. Mohana** and I. Arockiarani, $(1,2)^*$ - $\pi g\alpha$ -closed set and $(1,2)^*$ -Quasi $-\alpha$ -Normal Spaces in Bitopological setting, Antarctica Journal of Mathematics, Vol7, No 3, pp 345-355, 2010.
4. **K. Mohana** and I. Arockiarani, On Bitopological $(1,2)^*$ - $\pi g\alpha$ -Homeomorphisms, Bulletin of Kerala Mathematics Association, Vol6, No 2, pp 7-14, 2010.
5. **K. Mohana** and I. Arockiarani, $F\pi g$ -closed sets in Fuzzy topological spaces, Archimedes Journal of Mathematics, Vol 1 No 2, pp 87-95, 2011.
6. **K. Mohana** and I. Arockiarani, Slightly πg -continuous functions, Bessel Journal of Mathematics, Vol 1, 41-47, 2011.
7. **K. Mohana** and I. Arockiarani, $(1, 2)^*$ - $\pi g\alpha$ –Continuous functions in Bitopological spaces, ActaCienciaIndica, Vol XXXVII, No 4, pp 819-829, 2011.

12) Other Publications

1. S. Vinnarasi, **Mohana K**, On New classes of soft sets via supra soft-gpr-open sets in soft supra topological spaces, Nirmala Annual Research Congress 2017, 191-196.
2. V. Christy, **Mohana K**, Bipolar Single Valued Neutrosophic Relation, Nirmala Annual Research Congress 2018, 141-147.
3. R. Jansi, **Mohana K**, Pythagorean Fuzzy Generalized Semi-closed sets in Terms of Minimal Structure Spaces, Nirmala Annual Research Congress 2018, 148-153.
4. R. Princy, **Mohana K**, Simplified Neutrosophic Bipolar Sets, Nirmala Annual Research Congress 2018, 153-160.
5. Anitha S, **Mohana K**, Application of Intuitionistic fuzzy set in Eye Diagnosis using Composition function., Nirmala Annual Research Congress 2018, 160-165.
6. **Mohana K**, M. Mohanasundari, Quadripartitioned single Valued Neutrosophic Rough Sets, Nirmala Annual Research Congress 2018, 165-173.
7. V. Christy, **Mohana K**, Bipolar picture fuzzy BG-sub algebra, Nirmala Annual Research Congress 2019, 111-118.

8. T. Deepika, **Mohana K**, An Application of single -valued Neutrosophic under sets in Medical Diagnosis, Nirmala Annual Research Congress 2019, 124-134.
9. M. Mohanasundari , **Mohana K**, Quadripartitioned Interval Valued Neutrosophic Rough Sets, Nirmala Annual Research Congress 2019, 134-141.
10. R. Jansi, **Mohana K**, Bipolar Pythagorean Fuzz Frank Aggregation Operators and its Applications, Nirmala Annual Research Congress 2019, 183-189.
11. R. Princy, **Mohana K**, Some Similarity measures of Spherical fuzzy sets based on the Euclidean distance and their application in medical Diagnosis, Nirmala Annual Research Congress 2019, 225-232.

13) Book Publications:

1. **Mohanasundari M and Mohana K**, Improved Correlation Coefficients of Quadripartitioned Single valued Neutrosophic sets and Interval Quadripartitioned neutrosophic sets, **Neutrosophic sets in Decision Analysis and Operations Research**, IGI Global, Chapter No 14, PP-331-363, 2020.
2. **Mohanasundari M and Mohana K**, Multi-criteria Decision-Making Based on Quadripartitioned Neutrosophic Cross-Entropy, **Neutrosophic Operational Research**, Springer, Cham, Chapter 2, PP- 19-34, 2020.

14) Presentations in Conference

International

1. Weaker forms of contra $(1, 2)^*$ -continuous functions, ICMCS 2011, 7th -8th January, Loyola College, Chennai.
2. Decomposition of $(1, 2)^*$ - Locally closed sets and $(1, 2)^*$ - $\pi g\alpha$ -locally closed sets, 7th-8th January, ICMCS 2011, Loyola College, Chennai.
3. πg - homeomorphisms in topological spaces, Jan31st -Feb1st, 2011, SRM UNIVERSITY, Chennai.

National

1. $F\pi g$ -closed sets and $F\pi g$ -continuous functions in fuzzy topological spaces, Annamalai University, May 2010.

2. Study on the impacts of public health system in India using FAM Model, Sri Ram Engineering college, August 2010.

15) Participation in Conference

Exploration of Research innovations its Trends and challenges, “ICSSR-Sponsored One day National Level Symposium” organized by IQAC of Nirmala College for Women, 10.01.2020 -11. 01. 2020.

16) Participation in Workshop

- Workshop on “Outcome based education “Organized by IQAC on 24.03.2018 at Nirmala College.

17) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- Attended 28 days 118th Orientation Programme at Bharathiar University HRDC from 17. 11. 2017 to 14. 12. 2017.
- Attended 14 days Refresher Course in Mathematics and Statistics at Bharathiar University HRDC from 17. 11. 2020 to 01. 12. 2020.

18) Participation in Faculty Development Programme

- FDP on “Photoshop “ on 23. 03. 2018 at Nirmala College.
- Attended FDP ON Introduction to Python Programming conducted by ICT Academy on 17.04.2021to 21.04.2021.

19) Conference/ Seminar/ Workshop Organized

- Organized National Seminar on “Echo of Mathematics” on 12.02.2016.
- Organized One day seminar on “Fundamentals on Complex Analysis” on 10.10.2017.
- Organized Symposium on Analysis, on 06.12.2017.
- Organized A one day National Seminar “Trends and Challenges in Mathematical Modelling”, on 05.01.2018.

- Organized Symposium on Algebra, on 10.02.2018.
- Organized One day seminar on “Differential Equations” on 01.03.2018.
- Organized One day Symposium on Analysis, on 01.02.2019.
- Organized A one day National Seminar “Recent Trends in Graph Theory (RTGT 2019)”, on 21.02.2019.
- Organized National Seminar -a New Cognitive Approach to real life problems via Mathematics on 05.12.2019.
- Organized Symposium on Analysis on 27.02.2020.
- Organized One day Lecture Workshop on Differential Equations on 02.02.2019.
- Organized Lecture workshop on Complex Analysis on 02.03.2019.
- Organized Hands on Training on “MATLAB”, on 19.02.2021.
- Organized One day Entrepreneurial Workshop on “Awareness about startup and related ecosystem” on 21.05.2021.
- Organized Two days Skill Development – Hands on Training in Matlab, on 05.08.2021 & 06.08.2021.
- Organized Inter Department Two days Workshop on Skill Development – Advanced Excel with Statistical Tools” on 15.08.2021 & 16.08.2021.
- Organized A two day Workshop on Mathematical Machine Learning on 21.10.2021- 22.10-2021.

20) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop:

S. No	Date	Name	Programme	Name of the institution
1	16.12.2020	Dr. K. Mohana	Guest lecture	Bishop Ambrose College, Coimbatore

2	25.01.2021	Dr. K. Mohana	Guest lecture	Christ Academy Institute for Advanced Studies, Bangalore
3	29.01.2021 & 30.01.2021	Dr. K. Mohana	Resource Person A two day international Conference on New trends in Fuzzy Logic and its Applications	Sri Vidya Mandir Arts and science College, Katteri- 636 902, Uthangarai, Krishnagiri, TamilNadu
4	23. 03.2021 1.30 pm to 2.30 pm	Dr. K. Mohana	Association Meeting	St. Joseph's College, Trichy.
5	13.04.2021 12. 00 pm to 1. 00 pm	Dr. K. Mohana	Chair Person for Paper Presentation International conference on New trends in Differential Equations and Applied Mathematics(ICNTDEAM- 2021	Sri Vidya Mandir Arts and science College, Katteri- 636 902, Uthangarai, Krishnagiri, TamilNadu
6	27.05.2021 1. 00 pm to 1. 45 pm	Dr. K. Mohana	International Workshop on How to write a quality research article	Sri Vidya Mandir Arts and science College, Katteri- 636 902, Uthangarai, Krishnagiri, TamilNadu
7	12.11.2021 9.45 am to 12. 45 am	Dr. K. Mohana	Workshop In Matlab	Bishop Ambrose College, Coimbatore

21) Editorial/ Review Board Member:

- Reviewer for the “International Virtual Conference on Mathematical and Computational Models- ICMCM21” Organized by Department of Mathematics, Bannari Amman Institute of Technology and Kongu Nadu College of Arts and science, Coimbatore.

22) Membership in Professional Bodies:

Name of Professional Body	Nature of Membership	Duration
Ramanujan Mathematical Society	Life Membership	2021 to Life Time

23) Award and Achievement: **Best Young Faculty Award 2021,**

NOVAL RESEARCH ACADEMY

Puducherry, India.