

RESUME

Name :A. Kalaiyarasi
Department :PG & Research Department of Mathematics
Designation :Assistant professor
Category : Aided
Phone No :9442087667
Email Id :ranikalai1976@gmail.com
Date of Birth :09.01.1975
Date of Joining :16.06.2008
Date of Retirement :31.01.2033



Qualification:

| Sr. | Category | Name of the Degree | Specialization | Year of Passing | Name of the College/University | % of Marks / Grades Obtained | Class Obtained |
|-----|----------|--------------------|----------------|-----------------|---|------------------------------|----------------|
| 1. | UG | B.SC | Mathematics | 1995 | Pope's college. Swayerpuram. M.S.University.Tirunelveli | 57% | II |
| 2. | PG | M.SC | Mathematics | 1997 | Kamaraj college.Thoothugudi. | 68% | I |
| 3. | M.Phil | M.Phil | Mathematics | 2003 | Madurai Kamaraj university,(Distance Education) | 50% | II |

Academic Experience:

| Name of the College | Whether Aided/SF | Designation | Joining Date | Relieving Date | Experience | | |
|--|------------------|------------------------|-----------------|----------------|------------|--------|------|
| | | | | | Years | Months | Days |
| Government college of Engineering.Tirunelveli. | Government | Part time-Hourly Basis | 11-7-2000 | 23-12-2005 | 3 | 8 | - |
| Madha Engineering college.Chennai. | self finance | Lecturer | 1-2-2006 | 19-1-2007 | 1 | - | - |
| Kamaraj college.Thoothukudi | Government Aided | Assistant professor | since 16-6-2008 | Till Date | 12 | 4 | - |
| | | | | Total | 16 | 12 | - |

Administrative / Other Position held:

| Name of the Organization | Designation | Nature of Work | Joining Date | Relieving Date | Experience | | |
|---|---------------------------------------|-------------------------|------------------|----------------|------------|--------|------|
| | | | | | Years | Months | Days |
| 1.Government college of Engineering.Thoothukudi | Residential Tutor | Attendance Maintenance | 10/02/2003 | 23/12/2005 | 2 | - | - |
| 2.Kamaraj college.Thoothukudi | Book Deport in charge | Book Deport Maintenance | since 02/02/2017 | | 3 | - | - |
| 3.Kamaraj college.Thoothukudi | Nss- Programme officer-Unit number-55 | NSS | since 3/07/2019 | | - | 8 | - |
| | | | | Total | 5 | 8 | - |

Books Published:

| Sr. | Title | Year | Publisher | Place |
|-----|---------------------|-------------------------------|---|-------------|
| 1 | Scholar Mathematics | 2019(ISBN 978-93-5288-570-1) | Mrs.A.Kalaiyarasi, Dr.M.Navaneetha krishnan | Thoothukudi |

Papers Published:

| Sr. | Name of the Author | Title of the Paper | Name of the Journal | Year | Vol. No. Issue No. | Page No | Impact of Factor |
|-----|--------------------|--|--|------|--------------------|---------|------------------|
| 1 | Kalaiyarasi.A | "Fuzzy hyper bi- Γ -ideals in Γ - hypernear – rings" | International Journal of Mathematical Archive ISSN 2229-5046. | 2014 | 6(1) | 62-66 | 5.835 |
| 2 | kalaiyarasi.A | "On Fuzzy Completely Prime Hyper bi- Γ -ideals in Γ - hypernear-rings | International research journal of Mathematics, Engineering and IT ISSN : 2349-0322 | 2015 | 2(12) | | 2.868 |
| 3 | Kalaiyarasi.A | "On Fuzzy Dot Γ -hypersub-near-algebras" | Ultra Scientist-ISSN2319-8044 | 2015 | 27(2)A | 145-154 | 2.98 |
| 4 | A.Kalaiyarasi | Intutionistic fuzzy near-rings by intutionistic fuzzy graphs | Journal of modern science.ISSN NO-2277-7628 | 2015 | 7(1) | 22-28 | - |
| 5 | Kalaiyarasi.A | "Interval valued Fuzzy hyper bi- Γ -ideals in Γ -hyper near-rings" | International journal of advanced and innovative Research,-ISSN-2278-7844 | 2018 | 5(7) | - | 1.1260 |
| 6 | Kalaiyarasi | Better performance of simplex method on transport network with non-integer edge capacities | International journal of advanced research-ISSN-NO-23205407 | 2017 | - | - | 6.118 |

| | | | | | | | |
|---|---------------|--|-------|------|------|-----------|------|
| 7 | Kalaiyarasi.A | "Interval valued Fuzzy Hyper weak bi- Γ -ideals in Γ -hyper near-rings"-ISSN-2349-5162 | JETIR | 2019 | 6(2) | 1247-1250 | 5.87 |
|---|---------------|--|-------|------|------|-----------|------|

Conference / Seminar / Workshop / Orientation / Refresher Course / Symposia / Training Programme
Attended:

| Sr. | Theme | Place | International / National / State Level | Year | Resource Person / Paper Presentation / Participation |
|-----|--|--|--|------|--|
| 1. | UGC-Sponsored-Refresher course in Mathematics | UGC-Academic staff college, University of kerala, Kariavattom. | | 2009 | participated |
| 2. | UGC-Sponsored-Orientation course. | UGC-Academic staff college, University of kerala, Kariavattom. | | 2010 | participated |
| 3 | paper title "Intuitionistic fuzzy near-rings by intuitionistic fuzzy graphs." Conference on Mathematical sciences and Applications. | St. Joseph' college. Tiruchirapalli. | National level | 2014 | Presented |
| 4 | Seminar on "Latest developments in Mathematics | Wavoo Wajeetha Women's college, Kayalpatnam | State level | 2014 | Participated |
| 5. | seminar on "Recent Developments in algebra and graph theory" | A.P.C. Mahalaxmi college for women . Thoothukudi | State level | 2015 | participation |
| 6. | Paper title "Fuzzy hyper bi Γ -ideals in Γ -hypernear-rings" in the UGC Sponsored National Conference "Advances in fuzzy algebra fuzzy topology and fuzzy graphs." | A.P.C. Mahalaxmi college for women Thoothukudi | National level | 2015 | Presented |
| 7. | Seminar "on Application of mathematics in the modern world". | Don Bosco college of arts & science, Keela Eral. | State level | 2016 | participated |
| 8. | In Instructional workshop on LATEK | Research department of Mathematics, St. Mary's College, Thoothukudi. | State level | 2017 | participated |
| 9. | . Mathematics and its Applications scenario in 21 st century | A.P.C. Mahalaxmi college for women Thoothukudi | National level | 2017 | participated |

| | | | | | |
|------|---|--|---------------------|------|--|
| 10. | seminar on “emerging Trends in Modern Mathematics.” | PG& Research Department of mathematics.Kamaraj college.Thoothukudi. | National | 2017 | Participated &organizing committee member. |
| 11. | On applications of Mathematics. | Research department of Mathematics, St.Mary’s College, Thoothukudi. | International level | 2018 | participated |
| 12. | paper title “Anti fuzzy hyper bi- Γ - gamma ideals in Γ -hypernear-rings.in the national seminar on “Recent Trends in Mathematics” | PG& Research Department of mathematics.Kamaraj college.Thoothukudi. | National level | 2018 | Presented |
| 13 | paper title “Anti fuzzy Dot Γ - hyper sub near –algebra” in the national seminar | A.P.C. Mahalaxmi college for women Thoothukudi | National level | | Presented |
| 14 | presented a paper under the title “Interval valued Fuzzy hyper weak bi- Γ -ideals in Γ -hypernear-rings”in the international conference on “recent trends in multi-disciplinary Research” | A.P.C. Mahalaxmi college for women ..Thoothukudi. | International level | 2018 | Participated |
| 15. | UGC-Sponsored-Refresher course in Mathematics | UGC-HRDC. Madurai Kamaraj university.Madurai. | | 2018 | Participated |
| 16. | paper title “experimental study on solar photovoltaic powered domestic refrigerator with difluoroethane as refrigerant” International conference in soft computing and optimizing techniques. | Research Department of Computer science .Kamaraj college.Thoothukudi. | International level | 2019 | Presented |
| 17. | National service scheme orientation Training | ETI.Avinashilingam institute for home science and higher education for women.Coimbatore. | state level | 2019 | Participated |
| 18. | Refresher course in Mathematics | UGC-HRDC Madurai Kamaraj University, Madurai | | 2020 | Participated |
| 19.. | Seminar on “Recent Advancements in Mathematics.” | PG& Research Department of Mathematics.Kamaraj college.Thoothukudi. | National level | 2020 | co-ordinator |

Other Relevant Information:

I submit my Ph.D thesis "A study on fuzzy concepts on the related algebraic structure of Γ - hypernear-rings" dated on 3.7.2019 in Manonmaniam Sundaranar University, Tirunelveli.(Reg No: 11440)

| Courses Taught | Name of the University/College/Institution | Duration |
|----------------|--|--------------------------|
| B.Sc. & M.Sc. | Kamaraj college, Thoothukudi. | since 2008 to till date. |

| Date | Seminars, Conferences, Symposium, Workshop | Place |
|--------------------------|--|--|
| 30-9-2015 | Participated in the state level seminar on "Recent Developments in algebra and graph theory" | A.P.C. Mahalaxmi college for women Thoothukudi |
| 22-01-2015 to 23-01-2015 | presented a paper "Fuzzy hyper bi Γ -ideals in Γ -hypernear-rings" in the UGC Sponsored National Conference "Advances in fuzzy algebra fuzzy topology and fuzzy graphs." | A.P.C. Mahalaxmi college for women Thoothukudi |
| 05.02.2016 | Attended a state level seminar "on Application of mathematics in the modern world". | Don Bosco college of arts & science, Keela Eral. |
| 21-09-2017 to 22-09-2017 | Participated in Instructional workshop on LATEK | Research department of Mathematics, St.Mary's College, Thoothukudi. |
| 28.02.2017 | National Seminar on Mathematics and its Applications in 21st century | A.P.C. Mahalaxmi college for women Thoothukudi |
| 11/01/2018 | participated in international conference on applications of Mathematics. | Research department of Mathematics, St.Mary's College, Thoothukudi. |
| 17/10/2018 | presented a paper under the title "Anti fuzzy Dot Γ -hyper sub near -algebra" in the national seminar | PG & Research department of Mathematics, Kamaraj College, Thoothukudi. |
| 16.11.2018 to 6.12.2018 | Refresher course in Mathematics | Madurai Kamaraj University, Madurai |
| 20/12/2018- 21/12/2018 | International Conference and presented a paper under the title "Interval valued Fuzzy hyper weak bi- Γ -ideals in Γ -hypernear-rings" | A.P.C. Mahalaxmi college for women Thoothukudi |

It is certified that all the information provided are true to the best of my knowledge.