

## Resume



### I General Information

Name : A.Umadevi  
Father's Name : K..M.Arunachalam  
Age & Date of Birth : 54 years & 20.07.1963  
Designation : Associate Professor  
Department : Mathematics  
Mobile No : 9894946200  
Email ID : umadevivnr@yahoo.com  
Service in other colleges : Nil  
Date of appointment : 25.07.1999  
Date of retirement : 31.07.2021

### II Educational Qualification M.Sc.,B.Ed.,M.Phil

| Examination Passed    | Board/University                    | Subject                             | Year of Passing       | Class |
|-----------------------|-------------------------------------|-------------------------------------|-----------------------|-------|
| SSLC                  | Board of Secondary Education        | -----                               | 1979                  | I     |
| PUC/ Higher Secondary | Board of Higher Secondary Education | Bio-Maths                           | 1981                  | I     |
| Bachelor's Degree     | Madurai kamaraj University          | Mathematics                         | 1984                  | I     |
| Master's Degree       | Madurai kamaraj University          | Mathematics                         | 1986                  | I     |
| M.Phil                | Madurai kamaraj University          | Mathematics                         | 1990                  | I     |
| PhD                   | Manonmanium Sundaranar University   | Algebra based Graph Theory Concepts | Awarded on 19.12.2017 |       |

III Teaching Experience : UG : 18 Years  
PG : 18 Years

Field of Specialization : Graph Theory  
Awards won : Nil

### IV Research Experience

No. of articles published in Journals

International : 7  
National : Nil  
International : 5  
National : 6

No. of papers presented in Seminars / Conferences:8

No. of articles published in Books / Conference Proceedings : 1

### Articles published

| S.No. | TITLE OF THE PAPER                                     | NAME OF THE JOURNAL   |
|-------|--|---|
| 1.    | L-edge Colouring of Graphs                             | International Journal of Mathematics and Soft Computing, Vol.03, Issue 2, 2013, 27-35.                                    |
| 2.    | Edge Topogenic Graphs                                  | Mathematical Sciences International Research Journal Vol. 2, Issue 2, 2013, 494-500 ISSN: 2278-8697                       |
| 3.    | Embedding theorem on edge topogenic graphs             | 'Mathematical Sciences', International Research Journal Vol. 3, Issue 2, 2014, ISSN: 2278-8697                            |
| 4.    | Semigraph Automorphisms                                | International Journal of Scientific and Innovative Mathematical Research, Vol. 2, Issue 2, 2015, 423-433. ISSN :2347-307X |
| 5.    | L-Edge Chromatic Number Of A Graph                     | International Journal of Innovatice Science & Technology, Vol3 , Issue 3, March 2016. ISSN: 2348-7968.                    |
| 6.    | Some Results on Group Unitary Order Labeling Of Graphs | Imperial Journal of Interdisciplinary Research, Vol-2, Issue-4, 2016, ISSN: 2454-11362                                    |
| 7.    | A Family of Divisor Cayley Graphs                      | Global Journal of Pure and Applied Mathematics,2017   |

### Papers presented

| Date                    | Seminar / Conference | Level         | Title of the paper                 | Venue   |
|-------------------------|----------------------|---------------|------------------------------------|---|
| 30.01 2010              | Seminar              | National      | Skill development programme        | Holly Cross College,,Nagercoil                |
| 07.09.2013-08.09.2013   | Conference           | National      | Nullset magic Labeling of Graphs   | Fatima College Madurai.                       |
| 12.03 2012-13.03 2012   | Seminar              | National      | Exactly Nullset magic Labeling     | Ayya NadarJanakiAmmal College, Sivakasi.      |
| 24.08.2012 - 25.08.2012 | Seminar              | National      | L-edge colouring of Graphs         | Sethupathy Govt. Arts College, Ramanathapuram |
| 10.06.2013 - 14.06.2013 | Conference           | International | L-edge Chromatic number of a graph | Karnataka University, Dharwad.                |
| 09.08.2013 - 10.08.2013 | Conference           | International | Edge Topogenic Graphs              | Kochin University, Kochin.                    |

|                               |            |               |   |  |
|-------------------------------|------------|---------------|---|--|
| 29.08.2013<br>–<br>30.08.2013 | Conference | National      | Labelled decomposition of Graphs          | Madura College, Madurai.                 |
| 10.06.2014<br>–<br>13.06.2014 | Conference | International | Group Unitary order labeling of graphs    | Reva Institute of Technology, Bangalore. |
| 21.08.2014<br>–<br>28.08.2014 | Conference | International | Embedding theorem on edge topogenic graph | Madurai Kamaraj University, Madurai      |
| 13.07.2015<br>-<br>15.07.2015 | Conference | International | Semigraph Automorphisms                   | Sri Venkateswara University, Tirupati.   |
| 16.02.2017-<br>18.02.2017     | Conference | International | A Family of Divisor Cayley Graphs         | Gandhigram Rural Institute, Dindigul.    |

#### Articles published in Books / Conference Proceedings

| Year | Book title / Conference  | ISBN      | Article title         |
|------|--|-----------|-----------------------|
| 2013 | International conference on Mathematics, Statistics & Computer Engineering -2013 | 2278-8697 | Edge Topogenic Graphs |

#### V Seminars/Conferences/Workshop attended

| Date                          | Name of the Seminar / Conference / Workshop                               | Venue   |
|-------------------------------|---|---|
| 03.12.2009                    | Workshop on ‘Curriculum Designing and Evaluation for Autonomous Colleges’ | V.V.V. College                                    |
| 22.01.2010                    | Workshop on ‘Introduction to LaTeX’                                       | V.V.V. College                                    |
| 28.11.2011<br>–<br>29.11.2013 | Workshop on SCILAB  | V.V.V. College                                    |
| 21.01.2011                    | e-content Development Seminar   | V.V.Vanniaperumal College for Women, Virudhunagar |
| 16.9.2011                     | State Level Seminar on “Computer Mathematics”                             | V.V.Vanniaperumal College for Women, Virudhunagar |
| 28.11.2011<br>-<br>29.11.2011 | Workshop on SCILAB  | V.V.Vanniaperumal College for Women, Virudhunagar |
| 31.10.2011<br>-<br>01.11.2011 | Re-training of Teacher’s programme  | V.V.Vanniaperumal College for Women, Virudhunagar |

|                               |   |  |
|-------------------------------|---|--|
| 04.06.2012<br>-<br>07.06.2012 | National level Pre-Conference workshop on “Algebraic Graph Theory” organized by the department of Mathematics, VVVC & ADMA  | V.V.Vanniaperumal College for Women, Virudhunagar  |
| 08.06.2012<br>-<br>10.06.2012 | National level Eighth Annual Conference of Academy of Discrete Mathematics and Applications and Graph Theory Day-VIII   | V.V.Vanniaperumal College for Women, Virudhunagar  |
| 27.07.2013                    | Department workshop on “Alacrity Through Mathematics”   | V.V.V. College                                     |
| 29.01.2014                    | One day Seminar on “Steering Mathematical Brains Towards Research”  | V.V.Vanniaperumal College for Women, Virudhunagar  |
| 03.07.2014<br>-<br>05.07.2014 | National Level Workshop on “Analytical Tools for Researchers in Commerce and Computer Science” jointly organized by the Departments of Mathematics, Commerce and Computer Science | V.V.Vanniaperumal College for Women, Virudhunagar  |
| 22.09.2015                    | State Level Workshop Graph Decomposition  | V.V.Vanniaperumal College for Women, Virudhunagar. |
| 06.10.2016                    | One day State Level Workshop on “Set – Net Preparation”   | V.V.Vanniaperumal College for Women, Virudhunagar. |

**VI Course attended (Refresher / Orientation / any other )**

| Name of the Course (UGC) | Venue   | Duration                |
|--------------------------|---|-------------------------|
| Orientation course       | M.K. University                               | 23.01.2002 – 19.02.2002 |
| Refresher course (UGC)   | M.K. University                               | 07.09.1995 – 27.09.1995 |
| Refresher course (UGC)   | A.N.J.A. College, Sivakasi                    | 01.11.2003 – 21.11.2003 |
| Refresher course (UGC)   | Gandhigram Rural Institute, Deemed University | 15.11.2004 – 05.12.2004 |

**X Student – oriented Service**

Staff – in – charge of various activities in

the iv. **Institution**

|           |  |
|-----------|--|
| 2010 – 11 | Discipline Committee                       |
| 2011 – 12 | Old Students Association                   |
| 2012 – 13 | Placement Cell                             |
| 2013 – 14 | IQAC and UGC information and dissemination |
| 2014 – 15 | Consultancy                                |
| 2015-16   | Extension Services Forum                   |
| 2016-17   | Bus Committee                              |

v. **Department**

|           |  |
|-----------|--|
| 2010 – 11 | Student Movement Register  |
| 2011 – 12 | UG Association, Circular file maintenance  |
| 2012 – 13 | UG Quiz club   |
| 2013 – 14 | Creativity club, Mathematics Lab, Department magazine  |
| 2014 – 15 | UG Quiz club, Old Students Association   |
| 2015-16   | Extension Services Forum   |
| 2016-17   | Alumni Register, Parent- Teachers Meeting Register, Department Money Collection (Including Stamp for Salary). Updating Alumni Activities in the system, Ramanujan Birthday – Competitions for Mathematics and Non-Mathematics Students, PG Association, PG Cluster and Competitions for Students, Dept. Tour (UG & PG) , Student Profile and Feedback Preparation. |

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