

## STAFF PROFILE

(use Times New Roman Font size 11 or 12)

**Name** : R.Chitra

**Designation** : Assistant Professor

**Date of Entry into Service** : 15.06.2011

**E-mail** : rchitram.phil@gmail.com

**Mobile (Optional)** : 9677154015

**Education** : M.Sc., M.Phil.,  
Ph.D., (Thesis Submitted)

**Areas of specialization** : Graph theory



### Projects undertaken

| Title of the Project | Name of the funding Agency | Duration | Completed/Ongoing | Amount | Remarks |
|----------------------|----------------------------|----------|-------------------|--------|---------|
|                      |                            |          |                   |        |         |
|                      |                            |          |                   |        |         |

### Seminars Organized

| Title of the Seminar/Conference/Workshop | Date | Sponsoring Agency | National/State/International | Co-ordinator/Convener |
|--|------|-------------------|------------------------------|-----------------------|
|  |      |                   |                              |                       |
|  |      |                   |                              |                       |

### Seminars, Workshop and Conferences Attended

| Title of the Seminar/Conference/Workshop                             | Date               | Sponsoring Agency | National/State/International | Organization in which attended             |
|--|--------------------|-------------------|------------------------------|--|
| 1. Two days National Seminar on Recent Trends in Distance in Graphs. | 12-13 March. 2012. | UGC               | National                     | Ayya Nadar Janaki Ammal College, Sivakasi. |

|   |                            |            |          |   |
|---|----------------------------|------------|----------|---|
| 2. Seminar on Recent Developments in Graph Structures.<br><b>Title of the Paper :</b> Complete Harmonious Coloring in Graphs. | 16-17 March 2012.          | UGC        | National | MannarThirumalaiNaicker College, Madurai.   |
| 3. Seminar on Emerging Trends in Mathematics.   | 5-6 Oct. 2012.             | UGC        | State    | Lady Doak College, Madurai.                 |
| 4. Seminar on Current Trends in Mathematical Research,  | 11 <sup>th</sup> Oct.2012. | UGC        | State    | SermathaiVasan College for Women, Madurai.  |
| 5. Conference on Recent Trends in Labeling and Domination in Graphs   | 14-15 Dec.2012.            | UGC        | National | EMG Yadhava Women's College, Madurai,       |
| 6. Seminar on Vistas in Mathematics.  | 9 <sup>th</sup> Feb.2013.  | UGC        | State    | Sri Ramasamynaidu Memorial College, Sattur. |
| 7. Conference on Advances and Applications in Mathematical Modeling.  | 15-16 April. 2013          | DST & CSIR | National | The Madura College, Madurai.                |
| 8. Conference on labeling and Decompositions of Graphs.<br><b>Title of the Paper :</b> Complete Harmonious Coloring in Graphs | 29-30 August 2013.         | UGC        | National | The Madura College, Madurai                 |
| 9. Conference on Mathematical Computation and Modeling.<br><b>Title of the Paper :</b> Complete                               | 6 <sup>th</sup> Jan.2014   | CSIR       |          |   |

|   |                               |                         |               |   |
|---|-------------------------------|-------------------------|---------------|---|
| Harmonious Coloring in Graphs II  |                               |                         | International | The Madura College, Madurai.                    |
| 10. Seminar Recent Research Developments in Mathematics.  | 11 <sup>th</sup> Feb.2014.    | UGC                     | State         | Sri. S.Ramasamy Naidu Memorial College, Sattur. |
| 11. Seminar on Applications in Fuzzy Mathematics and Fractal Geometry   | 21 <sup>st</sup> Feb.2014.    | UGC                     | National      | American College, Madurai,                      |
| 12. Seminar on New Areas in Graph Theory.   | 13 <sup>th</sup> March 2014   | UGC                     | State         | MannarThirumalaiN aicker College, Madurai       |
| 13. Seminar on Recent Trends in Mathematical Models.<br><b>Title of the paper :</b> Harmonious Strong Domination in Graphs. | 14 <sup>th</sup> August 2014. | UGC                     | State         | MannarThirumalaiN aicker College, Madurai.      |
| 14. Seminar on Advances in Mathematics and its applications.  | 26 <sup>th</sup> Sep.2014.    | UGC                     | State         | The Madura College, Madurai,                    |
| 15. Workshop on Graph theory and its applications.  | 27-28Nov. 2014.               | RMS and ADMA            | National      | The Madura College, Madurai.                    |
| 16. Eighth International Workshop on Graph Labelings.<br><b>Title of the paper :</b> A variation of Harmonious Labeling.    | 3-6 Dec.2014.                 | DST, New Delhi and INSA | International | Kalasalingam university. Krishnankoil.          |
| 17. Two days competence building  |                               | UGC                     | National      |   |

|  |  |               |          |  |
|--|--|---------------|----------|--|
| programme.   | 2-3 Jan.2015                             |               |          | The Madura<br>College,<br>Madurai.                                     |
| 18. Recent Developmens in<br>Functional Analysis, Topology<br>and Graph Theory.<br><b>Title of the paper :</b> Total bi-<br>magic labeling on signed cycle.  | 26-27 March.<br>2015.                    | UGC           |          | The MDT Hindu<br>College,<br>Thirunelveli.                             |
| 19. Conference on Recent<br>Development in Mathematics and<br>its Applications.<br><b>Title of the Paper :</b> Edge Magic<br>Labeling on Signed Graphs.  | 9 <sup>th</sup> Jun.2015.                | DST           | National | The Madura<br>College, Madurai.  |
| 20. Three Day National<br>Conference on Recent<br>Developments in Coloring,<br>Domination and Distinguishing<br>Codes in Graphs.<br><b>Title of the Paper :</b> Edge Magic<br>Total Labeling of Signed Star. | 6-8 August<br>2015.                      | NBHM &<br>UGC | National | Government Arts<br>College, Melur.                                     |
| 21. Conference on Mathematical<br>Science and Applications.<br><b>Title of the Paper :</b> A Note on<br>Gracefulness and Concatenation of<br>Permutations.   | 1 <sup>st</sup> Oct.2016.                | UGC           | National | Mangayarkarasi<br>College of Arts and<br>Science for women,<br>Madurai |
| 22. Science Academies' Lecture<br>Workshop on "Mathematical  | 10 <sup>th</sup> &11 <sup>th</sup> Febru | INSc,         | National | The Madura   |

|           |          |               |  |                   |
|-----------|----------|---------------|--|-------------------|
| Modeling” | ary 2017 | NASi,<br>IASc |  | College, Madurai. |
|-----------|----------|---------------|--|-------------------|

**Books Published:**

| Title of the Book Published | ISBN No. | Publisher if any | Year of Publishing | Authored/Edited |
|-----------------------------|----------|------------------|--------------------|-----------------|
|                             |          |                  |                    |                 |
|                             |          |                  |                    |                 |

**Research Publications:**

| Title of the Journal   | ISSN No. if any | Volume No. & Page No. if any | Year | International/National/State |
|--|-----------------|------------------------------|------|------------------------------|
| Electronic Notes in Discrete Mathematics.                    |                 | 48,301-304.                  | 2015 | National                     |
| Roots International Journal of multidisciplinary Researches, | 2349-8684       | Vol .1, P.N: 150-158         | 2015 | International                |
| Journal Of Graph Labeling a Graph Theoretical Research       | 2454-4515.      | Vol .1(2), P.N: 121-128      | 2015 | International                |
| Roots International Journal of multidisciplinary Researches. | 2349-8684.      | Vol .3 P.N:193-199,          | 2016 | International                |

**Research Activities**

| Degree            | No. Awarded | No. Submitted | No. Guiding |
|-------------------|-------------|---------------|-------------|
| M.Phil.,          |             |               |             |
| Ph.D.,(Part-time) |             |               |             |
| Ph.D. (Full-time) |             |               |             |

**Details of Invited Lecture / Resource Person**

| Place | Date | Sponsoring Agency | Topic | Audience type | International/National/State Level |
|-------|------|-------------------|-------|---------------|------------------------------------|
|       |      |                   |       |               |                                    |
|       |      |                   |       |               |                                    |

**Academic council/Board of Studies Member**

| Institution | For a period of | Dept. |
|-------------|-----------------|-------|
|             |                 |       |
|             |                 |       |

**Honours Achieved**

| Agency | Recognition<br>IN/National/State | Cash award if<br>any(Amount) | For the service of |
|--------|----------------------------------|------------------------------|--------------------|
|        |                                  |                              |                    |
|        |                                  |                              |                    |

**Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)**

| Whether<br>NSS/NCC/AEEP/YRC | Period |
|-----------------------------|--------|
|                             |        |
|                             |        |

**Reviewer/editor of a journal**

| Title of the Journal | ISSN No. if any | International/<br>National/State | Impact factor/h-<br>index |
|----------------------|-----------------|----------------------------------|---------------------------|
|                      |                 |                                  |                           |
|                      |                 |                                  |                           |

**Details of Orientation and Refresher attended**

| Orientation/Refresher | University/College/Institute at which attended | Duration |    |
|-----------------------|--|----------|----|
|                       |  | from     | to |
|                       |  |          |    |
|                       |  |          |    |

**Any Other Information :**

In 2016, I was appointed as University Observer for the TNOU term-end Examination for all UG, PG, Diploma and Certificate programme held on July 2<sup>nd</sup>, 3<sup>rd</sup>, 9<sup>th</sup>, 10<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 23<sup>rd</sup>, 24<sup>th</sup>, 30<sup>th</sup>, 31<sup>st</sup> and August 6<sup>th</sup> 2016 at CSI College of Education, Pasumalai, Madurai and I obliged.