


**Faculty Profile**

|  |   |                                    |                      |          |   |   |           |  |
|--|---|------------------------------------|----------------------|----------|---|---|-----------|--|
| Name                                     | : | Dr.K.Iyappan                       |                      |          |   |  |           |  |
| Date of Birth                            | : | 03/05/1978                         |                      |          |   |   |           |  |
| Highest Qualification:                   | : | Ph.D                               |                      |          |   |   |           |  |
| Date of Joining                          | : | 03/11/2022                         |                      |          |   |   |           |  |
| Designation                              | : | Associate Professor                |                      |          |   |   |           |  |
| Date of promotion (Present Designation): | : | Associate Professor                |                      |          |   |   |           |  |
| Area of Interest                         | : | Graph Theory                       |                      |          |   |   |           |  |
| Mobile No                                | : | 9585960671                         |                      | Email ID | : | iyappan.k@trp.srmtrichy.edu.in  |           |  |
| Experience                               | : | Teaching:                          | 22 years<br>5 months | Industry | : | -   | Research: |  |
| Address (for Communication)              | : | 73, Perumal Koil Street, Vallioor, |                      |          |   |   |           |  |
|  |   |                                    |                      |          |   |   |           |  |

**Association with Professional Bodies**

| Name(Professional Body) | ISTE        | IAENG  | Indian Mathematical Society |  |
|-------------------------|-------------|--------|-----------------------------|--|
| Type of Membership      | Life Member | Member | Life Member                 |  |

**Research**

| Ph.D Guidance  |   |             |                      |                 |   |
|--|---|-------------|----------------------|-----------------|---|
| Supervisor /Guideship No.:   | - | University: | -                    | No.of Scholars: | - |
| Publication*   |   |             |                      |                 |   |
| International Journals   | : | 5           | National Journals    | :               | 1 |
| International Conference   | : |             | National Conference: | :               |   |
| Project Grants (Research projects guided or undertaken/Sponsored Projects) |   |             |                      |                 |   |
| Received (Amount)  | : | -           | Applied (Amount)     | :               | - |
| Patent   |   |             |                      |                 |   |
| Published  | : | 2           | Granted              | :               |   |

**Books**

|           |   |  |
|-----------|---|--|
| Published | : |  |
|-----------|---|--|

**FDPs/STTPs/Workshops/Seminar setc.,**

| FDP        |   | STTP       |  | Workshop   |   | Seminar    |    | Others     |   |
|------------|---|------------|--|------------|---|------------|----|------------|---|
| Attended:  | 6 | Attended:  |  | Attended:  | 7 | Attended:  | 11 | Attended:  | 3 |
| Organized: |   | Organized: |  | Organized: |   | Organized: |    | Organized: | 1 |

|                                   |   |   |
|-----------------------------------|---|---|
| Online courses (NPTEL, MOOC etc.) | : | 3 |
|-----------------------------------|---|---|

**\*List of Publications:**

1. "The upper vertex monophonic number of a graph", International Journal of Pure and Applied Mathematics, Vol.106(2), pp.389-400, 2016.
2. "The forcing connected vertex monophonic number of a graph", Advanced studies in contemporary Mathematics, Vol.26(1), pp.83-92, 2016.
3. "The connected vertex monophonic number of a graph", Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis, Vol.32(1), pp.1-13, 2016.
4. "The forcing vertex monophonic number of a graph", International Journal of Mathematical Combinatorics, Vol.1, pp.86-95, 2015
5. "The upper connected vertex monophonic number of a graph", Proceedings of the Jangjeon Mathematical Society, Vol.17(2), pp.169-180, 2014.
6. "The mono-number of a graph", Journal of Graph Labeling, 2(2) (2016), 251-261.