

RESUME

General Information

Name : Dr. J.P. Thavamani
Designation : Associate Professor
Department : Mathematics
Mobile Number : 09495468930, 04868 232314
Email ID : jpthavamani@gmail.com
Field of Specialization : Graph Theory

Educational Qualification: M.Sc. M.Phil. Ph.D.

| Examination passed | Board/University | Subject | Year of Passing | Class |
|--------------------|---|-------------------------------|-----------------|-------|
| SSLC | SRM High School, L.N. Patty, Thevaram, Theni(dt) | Mathematics | 1984 | I |
| Higher Secondary | St. Joseph girls HS School, Dindugal | Mathematics | 1986 | I |
| B.Sc. | VVV College, Viruthunagar | Mathematics | 1989 | I |
| M.Sc. | VVV College, Viruthunagar | Mathematics | 1991 | I |
| M. Phil. | Avinashalingam Deemed University, Coimbatore | Mathematics | 1992 | I |
| Ph.D. | Mahatma Gandhi University, Kottayam | Mathematics (Graph theory) | 2014 | |

Teaching Experience: UG level – 23 years, PG level – 18 years

Employment details:

| Name of Institution | Date of joining | Date of leaving | Nature of Employment |
|--|-----------------|-----------------|----------------------|
| M.E.S. College, Nedumkandam(po) Idukki (dt), Kerala (Affiliated to Mahatma Gandhi University, Kottayam) | 05.09.1996 | ----- | Permanent |

List of Paper Publications:

1. Graph Planarity - Misbah – Niche of knowledge Vol. I. No.1, (2009) 8-12
2. Edge product graphs and its properties – The IUP Journal of Computational Mathematics. Vol. IV. No.4, (2011) 30-38
3. Edge product number of wheel graphs – International Journal of Computing and Mathematical Applications. Vol. 5. No.1, (2011) 13-20
4. Edge product number of graphs in paths – Journal of Mathematical Sciences & Computer Applications. Vol. 1. No.3, (2011) 78-84
5. Edge product number of fan and basket – International Journal of Mathematical Sciences and Applications. Vol.1. No.3, (2011) 1247-1253
6. Complete bipartite graph - Edge product number – International Journal of Applied Mathematics and Applications. Vol. 3. No.2, (2011) 93-100
7. Edge product number of complete graphs – International Journal of Mathematics & Engineering with Computers. Vol. 3. No.2, (2012) 9-16
8. Special kinds of graphs - Edge product number – Asian Journal of Current Engineering and Maths. Vol. 1. No.6, (2012) 340-342

9. Cyclic graph - Edge product number – International Journal of Science, Environment and Technology. Vol. 1. No.5, (2012) 454-461
10. Edge product number of $K_{q,q}$ graph – Indian Journal of Computational and Applied Mathematics. Vol. 1. No.2, (2013) 239-244
11. Edge product number of crown graph – International Journal of Advanced and Innovative Research. Vol. 2. No.1, (2013) 264-269
12. Unit edge product graph - Misbah – Niche of knowledge Vol. I. No.3, (2015)
13. $K_{p,q}$ graph - Edge Product Number – International Journal for Research in Mathematics and Mathematical Sciences Vol. II. No.3, (2016) 19-23
14. Edge product number of $K_{2,2q}$ graph – International Journal for Modern Sciences and Engineering Technology Vol.III. No.3, (2016) 12-16
15. $K_{3,3q}$ graph - Edge Product Number – International Journal of Science, Engineering and Technology Vol. V. No.4, (2016) 1033-1036
16. Application of Bernoulli Equation – International Journal of Mathematical Archive Vol. VII. No.11, (2016) 1- 3
17. Differential Equations in real world system – International Journal for Scientific research & Development Vol. IV. No.8, (2016) 855 – 856
18. Bernoulli Equation in Fluid Flow – International Journal of Current research Vol. 8. No. 11, (2016) 40459 – 40460

List of Paper Presentations:

1. Presented a paper “Rooted graphs” in the UGC sponsored National Seminar conducted by Department of Mathematics, Emerald Heights College for Women, Udthagamandalam from 14.02.2016 to 15.02.2007.

2. Presented a paper “Star like graphs” in the UGC sponsored National Seminar organised by Department of Mathematics, M.E.S. College, Nedumkandam from 26.03.2007 to 28.03.2007.
3. Presented a paper “Unit Edge Product graphs” in the UGC sponsored National Seminar organised by Department of Mathematics, M.E.S. College, Nedumkandam from 26.03.2007 to 28.03.2007.
4. Presented a paper “Non - Unit Edge Product graphs” in the UGC sponsored National Seminar organised by Department of Mathematics, Government College, Kattapana from 26.03.2007 to 28.03.2007.

External Examiner / Resource Person:

1. External examiner to evaluate the M.Sc. Mathematics project and course viva-voce and B.Sc. Mathematics project viva-voce held at Mahatma Gandhi University colleges from 2016 onwards.
2. Served as a resource person in the National Conference of “Modern Mathematics and its Applications” held at The American College Madurai during 22nd and 23rd 2018.
3. Served as a resource person in the National Seminar of “Applications of Mathematics in Real Life” held at Jayaraj Annapackiam College for Women (Autonomous) on 17th December.

KPSC Service:

1. As a subject expert in the interview for the selection to the post of high school assistant teachers in Mathematics held from 21.07.2010 to 23.07.2010 at Kerala Public Service Commission district office, Idukki, Kattapana.

2. As a subject expert in the interview for the selection to the post of high school assistant teachers in Mathematics (Physically Handicapped) held on 20.09.2012 at Kerala Public Service Commission district office, Idukki, Kattapana.

Workshop/Training program Attended:

1. Attended three day motivation visit, Mysore University from 7.2.2017 to 9.2.2017.
2. Attended two day motivation camp, Focus 2017, Chaithanya Camp centre, Kottayam from 20.1.2017 to 22.1.2017.
3. Attended one day training program for 'Farm and Agriculture' organized by ICAR Krishi Vigyan Kendra, BSS, Santhanpara, Idukki on 07.09.2016.
4. Attended a two day workshop on PHP and MySQL organised by M.E.S. College, Nedumkandam from 19.06.2014 to 20.06.2016.
5. Attended one day workshop for internal mentors of walk with scholar programme, government of Kerala, held at CMS College, Kottayam on 23.10.2014.
6. Attended two day seminar on Restructuring Undergraduate Education, held at MES College, Nedumkandam on 27th and 28th November 2018, sponsored by Kerala State Higher Education Council, Thiruvananthapuram.

Academic Section: Mahatma Gandhi University

1. Member of inspection commission to verify the facilities for starting new courses/Additional Batch in Unaided/Self Financing Arts and Science Colleges for the academic year 2015-2016 and 2016-2017.
2. Appointed as the Deputy Chairperson-cum-chief/Chief Examiner/Additional Examiner in the Board of Examiners of CBCSS (UG Program) Mathematics degree examinations from 2009 onwards.

Academic Section: M.E.S. College Nedumkandam

1. Member of Research forum (2016 onwards)
2. Secretary, Co-operative Society (2017 onwards)
3. Internal coordinator for conducting internal examinations from 2011 to 2016
4. Senior Assistant Superintendent for conducting University Examinations, 2014 - 2016
5. Served as NSS Programme officer, during the academic years 1999-2000, 2006-2007 and 2009 to 2011.
6. One of the editor of the proceedings of the national seminars Applicable Mathematics - 2011, Discrete Mathematics and its Applications - 2012 and a Research Journal Misbah – 2015

I certify that the information given above is correct to the best of my knowledge.

Dr. J.P. Thavamani