

Bio – Data

Personal Information

- a. Name (in Block letters) Dr. A. PRISCILLA PAUL
b. Designation Head & Assistant Professor,
Assistant Controller of Examinations
c. Address for Correspondence Plot No.144,
Officer's Town, 5th street,
Anaiyur, Madurai – 625017
d. Date of Birth 06.03.1981
e. Nationality Indian
f. Marital Status Married



Academic Qualifications

| Degree of Examination | Name of the School/College/ University | Subject | Class or Division |
|-----------------------|---|-------------|-------------------|
| Under Graduate | Sarah Tucker College, Palayamkottai | Mathematics | I Class |
| Post Graduate | St.Xavier's College, Palayamkottai | Mathematics | I Class |
| M.Phil. | St.Xavier's College, Palayamkottai | Mathematics | I Class |
| Ph.D | Manonmaniam Sundaranar University | Mathematics | NA |

Teaching Experience

| Courses Taught | Name of the college | Duration |
|--------------------------------------|----------------------------|---------------|
| B.Sc. Mathematics, M.Sc. Mathematics | Lady Doak College, Madurai | 2004-tilldate |

Area of Specialization: Graph Theory

Seminars, Conferences, Symposium, Workshop etc. attended: 45

Publications

Number of Publications: 7

| Sl. No. | Name of the Journal | Title of the Research Paper/Article | Year | Vol. No. | Publisher Name | ISSN No. | Group I/Group II |
|---------|--|---|------|----------|--|-----------|--------------------------|
| 1. | Indian Journal of Natural Sciences | On Edge Pebbling Number and Cover Edge Pebbling Number of the Sunflower graph (S_n) | 2024 | Vol. 15 | Tamilnadu Scientific Research Organisation | 0976-0997 | Web of Science – Group 2 |
| 2. | Indian Journal of Natural Sciences | On Edge Pebbling Number and Cover Edge Pebbling Number of the Wheel Graph (W_n) | 2024 | Vol. 15 | Tamilnadu Scientific Research Organisation | 0976-0997 | Web of Science – Group 2 |
| 3. | Indian Journal of science and Technology | A study on Edge pebbling number, Covering Cover Edge Pebbling number of Friendship Graphs, Odd Path and Even Path | 2023 | Vol. 16 | Indian society for Education and Environment | 0974-6846 | Web of Science – Group 2 |
| 4. | Advances and Applications of Mathematical Sciences | Cover Edge Pebbling Number for Jahangir Graphs $J_{1,m}$, $J_{2,m}$, $J_{3,m}$, $J_{4,m}$ and $J_{5,m}$ | 2023 | Vol. 22 | Mili Publications | 0974-6803 | UGC CARE – Group 1 |

| | | | | | | | |
|----|--|---|------|---------|----------------------------|-----------|------------------|
| 5. | European Chemical Bulletin | On Cover Edge Pebbling Number of Helm Graph, Crown Graph and Pan Graph | 2023 | Vol. 12 | European Chemical Bulletin | 2063-5346 | Scopus – Group 2 |
| 6. | Journal Of Xidian University | A New Approach on Finding the Edge Pebbling Number of Edge Demonic Graphs | 2022 | Vol. 16 | Science Press | 1001-2400 | - |
| 7. | Journal of Information and Computational Science | On Edge Pebbling number and Cover Edge Pebbling number of some graphs | 2020 | vol. 10 | JICS | 1548-7741 | - |

Seminar / Conference Presentations

| Sl. No. | Name of the Seminar / Conference | Title of the Presentations made | National or International | Name of the Sponsoring / Funding Agency | Date & Year of Seminar/ Conference held |
|---------|--|--|---------------------------|---|---|
| 1. | National Seminar on Recent Advancement in Mathematics | On Edge Pebbling Number and Cover Edge Pebbling Number of Some Graphs | National | Sri Ramana's College of Arts and Science for Women, Aruppukottai. | 20.12.2019 |
| 2. | International conference on Pure and Applied Mathematics | Cover Edge Pebbling Number for Jahangir Graphs $J_{1,m}$, $J_{2,m}$, $J_{3,m}$, $J_{4,m}$ and $J_{5,m}$ | International | TBML College, Porayar. | 24.03.2022, 25.03.2022 |

| | | | | | |
|----|--|---|---------------|---|---------------------------|
| 3. | International conference on New Avenues in Applied Sciences | Cover Edge Pebbling Number for Helm Graph, Crown Graph and Pan Graph ISSN: 2229-4953 | International | Lady Doak College, Madurai. | 02.02.2023, 03.02.2023 |
| 4. | International Conference on Applied Physics & Mathematical Analytics | On Cover Edge Pebbling Number of Butterfly Graphs, Comb Graphs and Fan Graphs ISBN: 978-81-965401-2-8 | International | Nadar Saraswathi College of Arts & Science, Theni | 15.12.2023, 16.12.2023 |

Academic Contributions (Outside College)

- Served as an External Member of the **Board of Studies** at Sadakathullah Appa college, Palayamkottai
- Peer **reviewer** for the journal “Indian Journal of Science and Technology” (indexed in Web of Science)
- Peer **reviewer** for the journal “Utilitas Mathematica” (indexed in Scopus)
- **Judged** senior student’s competitions (KESFEST), held at Keswick Public School (ICSE), Madurai.
- Acted as a **judge** for the Science Expo held at a Tamil Nadu government school in Madurai
- Delivered a **guest lecture** on “Internship – Purpose and Benefits” as a resource person at Sadakathullah Appa College, Palayamkottai
- Delivered a **guest lecture** on “Applications of Mathematics in Chemistry” as a resource person at Sadakathullah Appa College, Palayamkottai

Key Highlights:

- **Teaching Experience:** Over 20 years at **Lady Doak College, Madurai**, teaching B.Sc. and M.Sc. Mathematics
- **Specialization:** Graph Theory
- **Publications:** 7 published papers
- **Conference Presentations:** 4 presentations at national and international conferences

Leadership Roles:

- Head of the Department of Mathematics
- Assistant Controller of Examinations
- Programme Officer, National Service Scheme (NSS)
- Treasurer, Faculty Association and College Events
- Convenor, College Timetable Committee and College Prizes Committee