



**Mr.N.VELMURUGAN. M.Sc., M.Phil.,B.Ed.,(Ph.D.),SET.,**

**ASSISTANT PROFESSOR**

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

Email:[velnatarajan07@gmail.com](mailto:velnatarajan07@gmail.com)

#### **CONTACT DETAILS**

**OFFICE ADDRESS:** Theivanai Ammal College For Women (Autonomous), Chennai- Trichy Trunk Road, Villupuram, Tamil Nadu-605602 Ph.No: 04146-257374/259674.

**RESIDENTIAL ADDRESS:** No.124, Main Road, Nemur Village & Post, Villupuram - District.

Pin: 605 203.

#### **QUALIFICATION**

- B.Sc., Mathematics (Arignar Anna Govt. Arts College, Villupuram, 2007)
- M.Sc., Mathematics (Dr.Ambedkar Govt. Arts College, Chennai., 2010)
- M.Phil.,Mathematics (SCSVMV Deemed University, Kanchipuram, 2012)
- B.Ed., Mathematics (Vasavi College of Education, Madgadipet,2008)
- Ph.D., Mathematics (Bharathiyar University, Pursing)

#### **TEACHING EXPERIENCE**

- Assistant Professor in Theivanai Ammal College for Women (Autonomous), Villupuram from June 2018 to till date.
- Assistant Professor in St. Joseph College of Engineering, Sriperumbudur from July 2012 to May 2018.
- Lecturer in Arignar Anna Govt. Arts College, Villupuram from July 2010 to April 2012.
- Experience in handling Mathematical Aptitude training classes for Placement.

#### **AREA OF SPECIALIZATION**

- Graph theory
- Linear Algebra
- Differential Geometry

#### **QUIZ COMPETITION AWARDS**

- Participated in the **Competition** on “**Maths Quiz - Analysis**” conducted by Don Bosco College (Co-Ed) Yellagiri Hills, 2020.

- Participated in the **Competition** on “**E-Quiz on Graph Theory**” conducted by Thiru Kolanjiappar Govt.Arts.College, Virudhachalam,2020.
- Participated in “**Online General Awareness Quiz-Computer Fundamentals**” conducted by Shanmuga Insustries Arts & Science College,2019.
- Participated in the **Competition** on “**E-Quiz on Graph Theory**” conducted by St.Ann’s College of Arts & Science College, Tindivanam,2020.
- Participated in the **Competition** on “**E-Quiz :Algebra & Analysis**” conducted by Bharathi Women’s College(Autonomous),Chennai,2020.

#### **WORKSHOP**

- Participated in the **Workshop** on “**MATLAB** ” , Theivanai Ammal College for Women(Autonomous) ,V illupuram, 2019.

#### **FACULTY DEVELOPMENT PROGRAM**

- Participated in “**Faculty Development Training Programme**” at **Sri Venkateshwara College of Engineering** from 4<sup>th</sup> to 11<sup>th</sup> December 2013 organized by **ANNA UNIVERSITY**.
- Participated in “**Faculty Development Training Programme**” at **DMI College of Engineering** on July 2013 organized by **ANNA UNIVERSITY** .
- Participated in “**Faculty Development Training Programme**” at **Loyola Institute of Technology** on June 2016 organized by **ANNA UNIVERSITY**.

#### **PUBLICATIONS**

- Super Edge BI-Magic Labeling of New Constructions of Trees from Path & Star, Science, Technology and Development Multidisciplinary Journal, Vol IX, 2020, 0950-0707, 2020.
- Zagreb Related Index and its Coindex of Some Derived Graphs, Journal of Applied Science & Computations, Vol 6, 2019, ISSN NO:7021-2008,2019.
- On Harmonic Index of New Operation of Graphs, International Journal of Engineering Technology, Vol-8, ISSN: 2249-8958,2019.

#### **ACADEMIC MEMBERSHIP (ST. JOSEPH COLLEGE OF ENGINEERING)**

- Served as a **Coordinator** for the department of **Science & Humanities** from July 2013 to 31.05.2018 date.

- Served as a **Discipline Coordinator** for the department of **Science & Humanities** from July 2012 to 31.05.2018 date.
- Anna University Representative **AUR** for three times to the smooth conduction of semester examinations of Anna University from 2015 to 2017.
- Member of Anna University Exam Squad Committee for two times from 2015 to 2017.
- Served as a Convener for **Ramanujam Mathematics Club** from 2013 to 31.05.2018.

#### ACADEMIC RESONSIBILITIES (TACW)

- M.Phil., Research Supervisor
- Youth Red Cross Coordinator
- Document coordinator
- Exam committee member
- PG Service learning

#### AWARDS AND ACHIEVEMENTS

- Exam TNSET qualified in Aril 2017 in Mathematics
- Awarded certificate for Produced **94 %** in **Discrete Mathematics** 2013.
- Awarded certificate for Produced **94 %** in **Discrete Mathematics** 2014.
- Awarded certificate for Produced **80 %** in **Probability and random processes** 2014.
- Awarded certificate for Produced **94 %** in **Graph Theory and Applications** 2016
- Awarded certificate for Produced **93%** in **Graph Theory and Applications** 2017

#### OTHER ACTIVITIES

- Acted as **External practical examiner** during University practical examination conducted by Thiruvalluvar University.
- Acted as **External Examiner** during University Theory examination conducted by Thiruvalluvar University.