

**Dr.V.Ba.Vijeyrani, M.Sc., M.Phil., Ph.D., TNSET**

Assistant Professor,

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### **ACADEMIC PROFILE:**

#### **Ph.D**

I am awarded with Ph.D in Mathematics in the field of TOPOLOGY under the topic

**“AN IDEAL TOPOLOGICAL VIEW OF NEW SETS AND FUNCTIONS”** in

Madurai Kamaraj University, 2017

#### **Master of Philosophy in Mathematics(M.Phil)**

University : Madurai Kamaraj University, Madurai

Year of passing : 2005

#### **Master of Science in Mathematics(M.Sc)**

College : Madurai Kamaraj University, Madurai

Year of passing : 2004

#### **Bachelor of Science in Mathematics(B.Sc)**

University : E.M.G. Yadava Women’s College, Madurai

Year of passing : 1996

### **ACHIEVEMENTS:**

#### **SET Exam**

Qualified SET conducted by Mother Teresa Women’s University, Kodaikanal, **TNSET-2017**.

### **TEACHING EXPERIENCE:**

Working as an Assistant Professor in Mathematics, Yadava College, Madurai from 09.07.2008 to till date.

### **SUBJECTS HANDLED:**

UG - Modern Analysis, Statistics, Complex Analysis, Automata Theory, Operations Research, Numerical Methods, Graph Theory.

PG - Topology, Statistics, Graph Theory, Algebra, Stochastic Process, Differential Equation.

### **SUBJECTS EXPERTISE:**

Topology, Graph Theory

### **SEMINAR/WORKSHOP/CONFERENCE/TRAINING PROGRAMME ATTENDED:**

1. "Recent Developments in Graph Theory and its Applications" on 18.03.2010, organised by Ultra College of Engineering and Technology for Women, Madurai.
2. "Quality Enhancement Strategy-towards Excellence" on 31.08.2009 and 01.09.2009, organised by Yadava College, Madurai.
3. Seminar on "Matlab and Latex" on 21.08.2015 and 22.08.2015, organised by Nadar Saraswathi College of Arts and Science, Theni.
4. Seminar on "Decomposition of 9<sup>th</sup> continuity spaces" on 03.03.2016 and 04.03.2016, organised by SBM College of Engineering and Technology, Dindugal.
5. Seminar on "Recent Trends in Graph Theory" on 04.08.2016, organised by Navarasam Arts and Science College for Women, Erode.

### **PAPER PUBLISHED:**

1.  $g\#$  Closed sets in Ideal Topological Spaces, International Journal of Mathematics and its Applications.  
<https://ijmaa.in/v4n2-c/73-83.pdf>
2. New preservation Theorems on Nano Minimal Structure Space, International Journal of Research in Advent Technology.  
<https://ijrat.org/downloads/Vol-6/september-2018/Paper%20ID-69201822.pdf>
3. Note on  $Nmg\#$ , closed sets in Nano minimal Structural space, International Journal of Research in Advent Technology.  
<https://ijrat.org/downloads/Vol-6/august-2018/paper%20ID-68201818.pdf>

## **OTHERS:**

### **Membership in Evaluation Board:**

1. Additional Examiner,  
U.G. Evaluation Board,  
Madurai Kamaraj University.

2. Additional Examiner,  
P.G.Evaluation Board,  
Fatima College, Madurai.

### **Resource person:**

Delivered a Lecture on the topic "Introduction to Topological Spaces" organised by the Department of Mathematics, Nadar Saraswathi College of Arts and Science, Theni.

### **Member of Board of Studies:**

Attended "Board of Studies" meeting as an Alumni at E.M.G Yadava Women's College, Madurai.