

## Profile

**PARVEEN BANU. A**

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### EDUCATION PROFILE

- SET 2017 (Cleared)

- Ph.D

Title:**TOPOLOGICAL STUDIES ON NEW MAPS SETS AND SPACES.**

Guide: **Dr. M. Mohamed Sheriff**

Associate Professor

Hajee Kartha Rowthar Howdia College, Uthamapalayam-625533.

Institution: **Madurai Kamaraj University.**

- **M.Phil ., Mathematics** at Madurai Kamaraj University , Madurai (2009-2010),  
( **first class with distinction76 %**)
- **M.Sc.,Mathematics** at Lady Doak College , Madurai (2007-2009),  
(**first class with special distinction with 89%**)
- **B.Sc.,Mathematics** at Fatima College , Madurai (2004-2007),  
( **first class with special distinction with 96%**)

### WORKING EXPERIENCE

- Worked as a **Assistant professor** in the Department of Mathematics, Lady Doak College , Madurai , from 01.07. 2010 to 16.06.2023(12 years).
- Working as a Assistant professor in the Department of Mathematics, Sri. G. V. G. Visalakshi College for Women, Udumalpet, from 19.6.2023 to till date

### SUBJECTS HANDLED

- Advanced Calculus
- Sequence and Series

- Integration and Differential equations
- Complex Analysis
- Real Analysis
- Modern Algebra

### **LAB HANDLED**

- C
- C++
- Visual Basic

### **ACADEMIC PROJECT**

M.Phil Project Title : COMMUTATIVE BANACH ALGEBRA

PG Project Title : AN INTRODUCTORY STUDY ON MAGIC LABELLING

### **CERTIFICATE OF MERIT**

- Secured FIRST prize for proficiency during the year 2007-2008.
- Secured FIRST prize for proficiency during the year 2008-2009.
- Awarded for excellent, consistent and distinctive academic performance during the year 2007-2009.
- Awarded the MAVEERAN SUNDARALINGAM ENDOWMENT SCHOLARSHIP for having secured the highest marks during the year 2008-2009.
- Secured FIRST prize for proficiency in II semester during the year 2004-2005.

### **EXTRA CURRICULAR ACTIVITIES**

- FIRST prize in the inter-collegiate DUMB CHARDES competition, organized by the Department of Mathematics , Arul Anandar College on 21<sup>st</sup> February 2007.
- FIRST prize in the inter-collegiate DUMB CHARDES competition, organized by the

Department of Mathematics , Saraswathi Narayanan College on 2<sup>nd</sup> March 2007.

- FIRST prize in the inter-collegiate DUMB CHARDES competition, organized by the Department of Mathematics , Vivekananda College on 23<sup>rd</sup> January 2007.
- THIRD prize in the inter-collegiate QUIZ competition, organized by the Department of Mathematics , E.M.G. Yadava Womens College on 25<sup>th</sup> January 2007.
- Participated in EXPONENTS 06 , a National Level Mathematical Symposium at Mepco Schlenk Engineering College, Sivakasi on 28<sup>th</sup> January 2006.

#### **WORKSHOP\ SEMINAR\CONFERENCE\FDP**

- Participated in a one day National Symposium on GRAPH THEORY AND ITS APPLICATIONS on 23<sup>rd</sup> January 2008 at Vivekananda College.
- Participated in a 3- day National Conference on DISCRETE & COMPUTATIONAL MATHEMATICS on 11<sup>th</sup> to 13<sup>th</sup> January 2018 at University of Kerala, Kariavattom.
- Participated in a one day International Conference on MODERN TRENDS IN MATHEMATICS(ICMIM-2018) on 10<sup>th</sup> September 2018, at Hajee Karutha Rowther Howdia College, Uthamapalyam.
- Participated in the Faculty Development Programme in “ ENTREPRENEURSHIP” organized by Centre for Entrepreneurship Development during 12<sup>th</sup> to 24<sup>th</sup> November, 2018 at CED Training Campus, Madurai.
- Participated in a two day international Conference on Emerging Trends in Engineering and Technology on 15<sup>th</sup> & 16<sup>th</sup> March 2019 at Pandian Saraswathi Yadav Engineering College, Sivagangai.
- Participated in a one day international Conference on RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS on 14<sup>th</sup> February 2019 at Arul Anandar College, Karumathur, Madurai.
- Participated in the International Conference on “ NEW FRONTIERS IN MATHEMATICS AND COMPUTING ICNFM-19” on 18<sup>th</sup> and 19<sup>th</sup> February 2019 at Lady Doak College, Madurai.
- Participated in the Faculty Development Programme On “ MOOC DEVELOPMENT AND DELIVERY” organized by Centre for Communication and Multimedia &

Online Education on 23<sup>rd</sup>, March, 2021 at Lady Doak College, Madurai.

- Participated in the International Seminar on “NEW ADVANCES IN GRAPH THEORY” on 18<sup>th</sup> July, 2022 at Lady Doak College, Madurai.
- Participated in Two-Day Faculty Development Programme On “INNOVATIVE ASSESSMENT METHODS FOR LEARNING ENHANCEMENT” organized by Centre for Entrepreneurship Development during 12<sup>th</sup> to 13<sup>th</sup> July, 2022 at Lady Doak College, Madurai.

### PAPER PUBLISHED

- A paper titled “**PALEY WIENER THEOREM**” published in IOSR journal of Mathematics volume 10, Issue 1, February 2014.
- A paper titled “**DECOMPOSITIONS OF TOPOLOGICAL SETS**” published in International Research Journal of Engineering Sciences, volume 5, Issue 1, June 2019.
- A paper titled “**NEW CLASSES OF TOPOLOGICAL MAPPINGS**” published in International Journal of Emerging Technologies and Innovative Research(JETIR). Volume 6, issue 6, June 2019.
- A paper titled “ **$\alpha D\delta g$  CLOSED AND OPEN MAP**” published in International Journal of Analytical and Experimental Modal Analysis Volume 11, issue 10, October 2019.
- A paper titled “**ON WEAKLY  $G\Omega$ -CLOSED SETS IN TOPOLOGICAL SPACES**” published in International Journal of Creative Research Thoughts", Volume 11, issue 1, January 2023.
- A paper titled “**NEW FORM OF WEAKLY GENERALIZED CLOSED SETS**” published in International Journal of Novel Research and Development, Volume 8, issue 2, February 2023.

### PAPER PRESENTED

- Presented a paper titled “**NEW TYPE OF GENERALIZED OPEN SETS IN TOPOLOGICAL SPACES**” in the three days National Conference on “Discrete & Computational Mathematics” from 11<sup>th</sup> January to 13<sup>th</sup> January 2018, at University of

Kerala, Kariavattom, Thiruvananthapuram Kerala.

- Presented a paper titled “**DECOMPOSITIONS OF TOPOLOGICAL SETS**” in 6<sup>th</sup> International Conference on “ Emerging Trends in Engineering and Technology” on 15<sup>th</sup> and 16<sup>th</sup> March 2019 at Pandian Saraswathi Yadav Engineering College, Arasanoor, Sivagangai.

### **EXTERNAL EXPERT**

- Acted as a subject expert for the selection faculty at the interview conducted on 27th April, 2018 at Christian Polytechnic College, Oddanchatram.

### **PERSONAL PROFILE**

Gender : Female

Nationality : Indian

Father Name : K.Anver Sheriff

Date of Birth : 14.04.1987

Marital Status : Married

Languages Known : English, Tamil and urdu.

Address for Communication : 10/5/10, Bhavani nathi 3<sup>rd</sup> cross street  
Mahatma Gandhi nagar  
Madurai-14.