

## **T. INDHUMATHI**

Teaching Assistant

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### **Profile**

**Education Qualification:** M.Sc., M.Phil.

**Area of interest:** Abstract Algebra

- Participated One Day Life Skill Enrichment Programme on 28<sup>th</sup> April 2013 organised by School of Good Hope.
- Participated the “2 Days Aptitude & Attitude Enhancement Student Programme” held on 31<sup>st</sup> Jan’2010 organised by True Relization Centre.
- Participated in ELIXIR-2013 Science Exhibition & Model Competition organised by Research and Seminar Committee, Sri Sankar Arts and Science College, on 9<sup>th</sup> & 10<sup>th</sup> October 2013.
- Participated in “Inter Zonal Science Exhibition *SCIFAIR-2012*” held on 28<sup>th</sup> Nov. 2012 – 1<sup>st</sup> Dec. 2012 at Jei Mathajee College of Engineering.

### **Teaching**

- Complex Analysis
- Mathematical Physics
- Mathematical Foundation to Computer Science
- Advanced Applied Mathematics

### **Publications**

#### **Articles:**

1. Article published in HELIX -18 - World Mathematics Day in the topic of “Some uncommon words in Mathematics with their meanings”.

#### **Conferences:**

1. Presented a paper “Nano-Technology” in the Intra-College Competition held on 23<sup>rd</sup> Jan, 2014 at Sri Sankara Arts and College.
2. Presented a paper in the “International Conference on Pure and Applied Mathematics”, on the title of “Application of Graph Theory in the Field of Hydrocarbons Using SAGE” held on February 19-20, 2018 organized by SCSVMV.
3. Presented a Paper, “History of Operation Research” in the “Annual Conference on History and Development of Mathematics” on 27<sup>th</sup> to 29<sup>th</sup>, November 2018 held at SCSVMV.
4. Presented a paper in the “Second International Conference on Pure and Applied Mathematics”, on the title of “Role of Open Source Mathematics Software Geogebra in the field of Multiple Integrals” held on December 17-19, 2018 organized by SCSVMV.

5. Presented a paper in the “Second International Conference on Pure and Applied Mathematics”, on the title of “Solving Transportation problem using Open Solver - MsExcel” held on December 17-19, 2018 organized by SCSVMV.
6. Presented a Paper entitled, “Application of Intuitionistic Fuzzy Soft Matrices in Decision Making Problems” in the 4<sup>th</sup> International Conference on Materials and Manufacturing Engineering (ICMME-2019) organised by Department of Mechanical Engineering, SCSVMV on 21<sup>st</sup> and 22<sup>nd</sup> March 2019.

#### **Seminar:**

1. Attended the “International Seminar on Power sums and Univariate Distributions”, held on September 02, 2016 organized by SCSVMV.
2. Participated in the “Quality Enrichment Programme II (QEP 2016)”, on September 09, 2016, organized by SCSVMV.
3. Attended the “National Seminar on Emerging Trends In Pure and Applied Mathematics (NSETPAM’ 2017)”, held on 24<sup>th</sup> February 2017, organized under the auspices of Sankara Ganitha Sastra Parishad, SCSVMV.
4. Attended the “International seminar on Fluid Dynamics”, held on 6<sup>th</sup> March 2017 organized by SCSVMV.
5. Participated in the “Quality Enrichment Programme III (QEP 2017)”, on October 27, 2017, organized by SCSVMV.

#### **Workshop:**

1. Attended the “Workshop on Matlab and Its Application” on 12<sup>th</sup> October 2015, organized by the Department of Mathematics, SCSVMV.
2. Attended the “Workshop on Matlab For Researchers” on 12<sup>th</sup> February 2017, organized by the Department of Mathematics, SCSVMV.
3. Participated in “Winter Resher Course in Mathematics”, on February 1-3, 2018 Organized by SCSVMV

#### **Others**

#### **Achievements:**

1. Got a Silver Medal in M.Sc. for secured 89% Marks.
2. Secured 51/100 marks in NPTEL Course under the topic “Introduction to Abstract and Linear Algebra”.
3. Secured 10/100 marks in GATE 2019.
4. Participated One Day Life Skill Enrichment Programme on 28<sup>th</sup> April 2013 organised by School of Good Hope.
5. Completed three months DDTP course from 06-March’2010 to 06-May’2010 in the CSC Centre, Kanchipuram.
6. Completed Lower Examination in Beautician Course in 1<sup>st</sup> class, organised by TWWSSST Self Employment Training Institution.
7. Completed one year HDCA Course from 31-Mar’2013 to 31-Mar’2014 at CSC center, Kanchipuram.
8. Participated the “2 Days Aptitude & Attitude Enhancement Student Programme” held on 31<sup>st</sup> Jan’2010 organised by True Relization Centre.
9. Participated in ELIXIR-2013 Science Exhibition & Model Competition organised by Research and Seminar Committee, Sri Sankar Arts and Science College, on 9<sup>th</sup> & 10<sup>th</sup> October 2013.

10. Participated in “Inter Zonal Science Exhibition SCIFAIR-2012” held on 28<sup>th</sup> Nov. 2012 – 1<sup>st</sup> Dec. 2012 at Jei Mathajee College of Engineering.
11. Awarded “*Third Prize in Short Film*”, in World Mathematics Day Celebrations, SCSVMV, 20<sup>th</sup> February 2017.
12. Awarded “*Second Prize in Mathematical Modelling*” in World Mathematics Day Celebrations, SCSVMV, 20<sup>th</sup> February 2017.
13. Awarded “*First Prize in Quiz*” in World Mathematics Day Celebrations, SCSVMV, 20<sup>th</sup> February 2017.

**M.Sc. Project:**

**Topic:** A STUDY ON WIENER POLYNOMIAL, WIENER INDEX AND SACHS' POLYNOMIAL.

**Under the Guidance:** Dr. T.N. Kavitha, Assistant Professor of Mathematics in SCSVMV.

**Duration:** 2016-2018.

**Place:** SCSVMV, Enathur, Kanchipuram, Tamil Nadu.

**M.Phil., Project:**

**Topic:** Application of Fuzzy Soft Set Theory And Fuzzy Soft Matrix In The Field of Medical Diagnosis And Decision Making Problems

**Under the Guidance:** Dr. J. Sengamalaselvi, Assistant Professor of Mathematics in SCSVMV.

**Duration:** 2018-2019.

**Place:** SCSVMV, Enathur, Kanchipuram, Tamil Nadu.

**Skills:**

- Excellent organizational ability.
- Ability to prepare assignments and delivering lectures for the students.
- Ability to provide career counseling to the students and preparing assignments for the students.
- Excellent team building and monitoring abilities.
- Independent and self motivated.

**Hobbies:**

- Reading Books
- Playing Shuttle Corks
- Coin collections
- Doing hand-made Crafts
- Photography