

## **Faculty Profile**



### **Dr. J. Joy Priscilla, M.Sc., M.Phil., Ph.D**

Professor /Department of Mathematics and Controller of Examinations

#### **HIGHLIGHTS:**

- Number of Journal Publications: 9
- H-Index: 1
- Project Funding Received: Nil
- Patents Published: Nil
- Patents Granted: Nil

#### **PROFESSIONAL LINKS:**

- Scopus ID: - 59510739000
- Scopus Link: - <https://www.scopus.com/authid/detail.uri?authorId=59510739000&origin=recordpage>
- Google Scholar ID: <https://scholar.google.com/citations?user=7cqVix4AAAAJ&hl=en>
- Anna University Faculty ID: 2122043
- AICTE Faculty ID: 282752
- Anna University Supervisor ID: Nil
- LinkedIn: Nil

#### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 25 yrs
- Industrial Experience: Nil

#### **INTERNATIONAL EXPOSURE: Nil**

#### **AREA OF SPECIALIZATION: Graph Labeling**

**Ph.Ds AWARDED WITH DETAILS:**

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
	Nil			

**Ph.Ds GUIDING:**

- **Full Time Scholars: Nil**
- **Part Time Scholars : Nil**

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: Nil****PATENTS PUBLISHED/GRANTED: Nil****COURSES CERTIFIED: Nil****ACHIEVEMENTS AND AWARDS:**

- Obtained “ GENERAL PROFICIENCY AWARD” in the year 1999 from Stella Maris College.
- Obtained “**BEST TEACHER AWARD**” CONSECUTIVELY 4 TIMES for the academic years “2007-08”, “2008-09”, “2009-10” & “2010-11” from Saveetha Engineering College.

**SPECIAL SESSIONS DELIVERED:**

- Delivered Special Lecture on “Algebra and Number Theory” in Two Days Workshop organized by Department of Mathematics, Saveetha Engineering College held on 28<sup>th</sup> & 29<sup>th</sup> June 2019.
- Delivered the Key note address as “Resource Person” in Workshop on Graph Labelling and Applications organized by Department of Mathematics, M.O.P Vaishnav College for Women (Autonomous) held on 18.12.2019.
- Delivered Online Virtual Lecture on “Graph Drawings” organized by Department of Mathematics, S.I.V.E.T College held on 9<sup>th</sup> June 2021.
- Delivered Guest Lecture on “Graph Labeling and Coloring Tools” in National Webinar organized by Department of Mathematics, Guru Nanak College (Autonomous) held on 31.07.2021.

## CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- International Conference on Transformations in Engineering Education ICTIEE-2019 on 7<sup>th</sup> & 8<sup>th</sup> Jan 2019 at Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana.
- National Conference on Graphene & Liquid Crystals on Smart Nano-engineering Applications (GLCSNA-2016), 7<sup>th</sup> – 9<sup>th</sup> Nov 2016, conducted by Dept. of Physics, Saveetha Engg. College, Chennai.
- Two-week ISTE workshop on Fluid Mechanics , 20<sup>th</sup> – 30<sup>th</sup> May 2014 conducted by IIT Kharagpur(Online)(NMEICT Through ICT)Saveetha Engg. College, Chennai.
- One day National workshop on Scientific approach to SPSS (Statistical Package for the Social Sciences) in Research , 21<sup>st</sup> Feb 2014, conducted by Dept. of Mathematics, Ethiraj college for women, Chennai.
- One day National seminar on Developments in Number theory , 15<sup>th</sup> March 2013 , conducted by Tamil Nadu Open University, Chennai.
- Online LaTeX Workshop , 10<sup>th</sup> May 2012 , Saveetha Engineering.College, Chennai.
- National workshop on Decomposition of Graphs and Product Graphs , DGPG Workshop-2011, 22<sup>nd</sup> -25<sup>th</sup> June 2011, conducted by Dept. of Mathematics, Periyar University, Salem.
- One day course on Internal Auditing of Quality Management system , BMQR Certification Pvt Ltd ISO 9001:2008 on 4<sup>th</sup> April 2011 at Saveetha Engineering.College, Chennai.
- National Conference on Advances in Science and Technology , 1<sup>st</sup> March 2011 conducted by Saveetha School of Engineering, Saveetha University, Chennai.
- International Conference Mathematics and Computer Science( ICMCS 2009 ), 5<sup>th</sup> & 6<sup>th</sup> January 2009, Dept. of Mathematics, Loyola College, Chennai.

## Papers Presented in International Conferences:

- Edge antimagic Valuations of Generalized Petersen Graphs , International Conference on Contemporary approaches in Mathematics and Emerging Engineering trends - ICCAMEET2017, 4<sup>th</sup> & 5<sup>th</sup> May 2017, Dept.of Maths,Aarupadai Veedu Institute of Technology,Chennai.
- Vertex magic total labeling of N copies of Generalized Petersen Graphs, International Conference on Mathematical methods and Computation( ICOMAC 2009 ),24<sup>th</sup>, 25<sup>th</sup> July 2009Dept.of Maths, Jamal Mohamed College, Trichy, Published in the proceedings of the conference with ISBN number 978-81-8424-466-3
- A Note on Vertex Antimagic Labelings , “2<sup>nd</sup> International Conference on Innovations in Science and Humanities (ICISH-2024)” , organized by Dept.of Mathematics, Saveetha Engineering College on 18<sup>th</sup> and 19<sup>th</sup> July 2024.
- Using Vertex Antimagic Labelings to Improve Women’s Security , “2<sup>nd</sup> International Conference on Innovations in Science and Humanities (ICISH-2024)” , organized by Dept.of Mathematics, Saveetha Engineering College on 18<sup>th</sup> and 19<sup>th</sup> July 2024.

### Papers Presented in National Conferences:

- Vertex Antimagic Labelings in Cloud Computing Security , National Conference on Emerging trends in Mathematics and Applications in Engineering and Technology (NCETMAET-2018) , 22<sup>nd</sup> & 23<sup>rd</sup> March 2018, Dept.of Maths , Hindustan Institute of Technology and Science, Padur.
- Vertex Antimagic Labelings and Women's Security, National Conference on Recent Trends in Hybridization of Mathematical Science(RETMS – 2017), 11<sup>th</sup> Feb 2017, Dept.of Maths, SriDevi Arts and Science College, Ponneri.
- Various Magic Labelings of Generalized Petersen Graphs, Fifth Annual Instructional Conference of ADMA and Graph Theory Day V(ACADMA2009) , 8<sup>th</sup> ,9<sup>th</sup> & 10<sup>th</sup> June 2009, Dept.of Maths, Periyar University, Salem.
- Vertex-Magic total labeling of regular graphs, National Conference on Recent Advancement in Pure and Applied Mathematics ( RAPAM 2009 ) , 23<sup>rd</sup> ,24<sup>th</sup> January 2009, Dept.of Maths,D.G.Vaishnav College, Chennai.

### Professional Development Activities:

- **Organized** Two days Workshop in “ALGEBRA AND NUMBER THEORY” on 28<sup>th</sup> and 29<sup>th</sup> June 2019 in Dept. of Mathematics at Saveetha Engineering College , Chennai as **Convener**.

**Also DELIVERED a Special Lecture on “Groups and Rings” in the Workshop.**

- **Organized** One day workshop in “LINEAR ALGEBRA” on 21st July 2018 in Dept. of Mathematics at Saveetha Engineering College , Chennai as **Convener**.
- Attended One day FDP in “Skill Development in Research, Projects and Patent Filing” on 17<sup>th</sup> Feb 2018 in Dept. of Science & Humanities at Saveetha Engineering college, Chennai.
- Attended AICTE Short term course on Outcome based education through ICT from 5<sup>th</sup> to 9<sup>th</sup> March 2018 conducted by National Institute of Technical Teachers Training and Research, Chandigarh (through Online), at Saveetha Engineering College , Chennai.
- Attended IEEE Sponsored National Level Two Days FDP in “ Designing Research Projects, Proposal Writing, Grants & Funding Agencies” on 26<sup>th</sup> & 27<sup>th</sup> April 2018 at Saveetha Engineering College, Chennai.
- Attended Two days FDTP in “Research Methodology – Tools and Techniques in Engineering” on 26<sup>th</sup> & 27<sup>th</sup> Non 2018 conducted by Dept. Biomedical Engineering at Saveetha Engineering College, Chennai.
- Attended AICTE Sponsored Two Week FDP on “Creative Pedagogy and its Significance in Engineering Education” from 22<sup>nd</sup> April to 4<sup>th</sup> May 2019 conducted by Dept. ECE at Saveetha Engineering College, Chennai.
- Attended Two-week ISTE STTP in Introduction to Design of Algorithms, 25<sup>th</sup> – 30<sup>th</sup> May 2015 conducted by IIT Kharagpur(Online)(NMEICT Through ICT) at Saveetha Engineering College, Chennai.
- Attended Two-week ISTE STTP in Engineering Physics, 8<sup>th</sup> – 18<sup>th</sup> Dec 2015 conducted by IIT Bombay(Online) (NMEICT Through ICT)Saveetha Engg.College, Chennai.
- **Organized** One Day Hands on Training in LATEX on 4.2.17 at Saveetha Engineering College , Chennai as **Convener**.
- **Organized** One Day Workshop in Queueing Theory on 27.11.15 at Saveetha Engineering College , Chennai as **Convener**.

- **Organized** National Conference on Emerging Trends in Science and Humanities NCETSH(2015) on 10.04.15 at Saveetha Engineering College , Chennai as **Convener**.
- **Organized** National Conference on Emerging Trends in Science and Humanities NCETSH(2014) on 05.04.14 at Saveetha Engineering College , Chennai as **Convener**.
- **Organized** National Conference on Emerging Trends in Science and Humanities NCETSH(2013) on 05.04.13 at Saveetha Engineering College , Chennai as **Convener**.
- **Organized** National Conference on Emerging Trends in Science and Humanities NCETSH(2012) on 09.03.12 at Saveetha Engineering College , Chennai as **Convener**.
- **Organized** National Technical Festival “DRESTEIN” (**Dream, Design, Compete, Win**) for **FIVE consecutive years from 2009 to 2013 as the Overall coordinator** . “DRESTEIN” is a “ **Three Days National Level Technical Fest**” where around 100 different competitions and several Workshops will be conducted in various disciplines of Engineering and Technology wherein around **4000 students** usually participate from all over India.

#### **PROFESSIONAL MEMBERSHIPS:**

- Life member of **ISTE** - The Indian society for technical education since 2008 (LM - 54845).
- Life member of Academy of Discrete Mathematics and Applications since 9<sup>th</sup> June 2009

#### **OTHER DETAILS (If any):**

- Qualified TNSET (Tamilnadu State Eligibility Test) in Apr 2017
- Currently holding the role of Controller of Examinations, Saveetha Engineering College