Faculty Profile

Dr. S.C.Premila, ,M.Sc, B.Ed,P.hD
Assistant Professor,
Department of Mathematics

HIGHLIGHTS:

- Number of Journal Publications:10
- H-Index:1
- Project Funding Received:NIL
- Patents Published:1
- Patents Granted:NIL

PROFESSIONAL LINKS:

- Scopus ID: 56449158000
- Scopus Link: [Premila, S. C. - Author details - Scopus Preview](#)
- Google Scholar ID: [Google Scholar](#)
- Anna University Faculty ID: 2122661
- AICTE Faculty ID:278638
- Anna University Supervisor ID: -
- LinkedIn: -

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 18.5 Years
- Industrial Experience: NIL

AREA OF SPECIALIZATION:

- Stochastic Modelling

- Statistics

- Differential Equations

- Mathematical modelling

Ph.Ds AWARDED WITH DETAILS: NIL

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

Ph.Ds GUIDING:

- **Full Time Scholars: NIL**
- **Part Time Scholars : NIL**

PATENTS PUBLISHED/GRANTED:

- Blockchain-enabled Stochastic Differential Equation Inventory Model for Transparent and Secure Inventory Management –Published in January 2024.

COURSES CERTIFIED:

- IUCEE

- NPTEL-1.Probability &Statistics

- NPTEL-2-Internet of Things

ACHIEVEMENTS AND AWARDS:

- Inspiring Teacher Award 2022 By Gurugul Network For Learners

SPECIAL SESSIONS DELIVERED:

- TECH TALK for Engineering students in M.G.R. University

PAPER PRESENTATION:

- A Paper Namely " Density Dependent Carcinogensis Moels"Have Been Presented In a National Conference "Asta-2011" In Bangalore Uty.

- A Paper Entitled As "a Stochastic Approach To Determine Expected Time Using Order Statistics" Has Been Presented In "Nsma 2018 " In IIT Madras.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

CONFERENCE:

ATTENDED NATIONAL CONFERENCE IN BANGALORE UTY NOV2011 .

ATTENDED ICISH 2023&2024 IN SAVEETHA ENGG COLLEGE.

WORKSHOP:

1. Attended a Workshop Namely "Dae-Brans Workshop" In Veltech University In The Year December 2011.
2. **Attended Online Work Shop On Using Chatgpt In Education In 21.12.2024 Conducted By Iucee.**

FDP:

3. One Week International Faculty Development Program On Mathematics In Real &Computational Domains In Sathiyabhama Instiute Of Technolgy In 3rd To 8th July 2024.
4. Fdp On Frontiers Of Mathamatics In Srmist In 5th To 19 July 2024.
5. A Series Of Lectures In Mathematical Tribute To Srinvasa Ramanujan In The Year Decemer 2023.

SEMINAR:

- One – Day Online National Seminar On Statistics In Vit Chennai In July 2023.

WEBINAR:

1. Matlab For Beginners Lovely Professional Uty In Nov 2023.
2. Intelectual Property Rights In Patents& Designing In Aug 2024 In Srmist.

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 PROFESSIONAL MEMBERSHIPS:

- ISMS(Indian Society for Medical Statistics)

OTHER DETAILS (If any):

RESEARCH PUBLICATIONS:

1. A paper entitled as "a stochastic model for time to cross antigenic diversity threshold of hiv infection under preventive strategy"has been published in the "international journal of mathematical archive" in the year may 2014.
2. Apaper named as "a stochastic model for the estimation of time to seroconversion of hiv transmission using geometric distribution"has been published in the scopus indexed journal "applied mathematics" in sep 2014.(scopus index)
3. A paper entitled as "a stochastic model for antigenic diversity threshold with two sources of hiv infection" has been published in the journal"international journal of mathematical archive"in the year may 2015.
4. A paper named as "a stochastic approach to determine expected time to cross antigenic diversity threshold of hiv infection using largest order statistics in "asian pacific journal of research" in feb 2016.
5. Time to cross antigenic diversity threshold of hiv infected using smallest order statistics' in "global journal of pure and applied mathematics" in feb 2016.(scopus index)
6. Role of stochastic models in hiv transmission is published in recend trends in mathematics iin the year 2023 october.
7. Forecasting dogecoin price changes   with artificial neural networks is published in iip series in september 2024.
8. Applying artificial neural networks for anticipating changes incardano price published in iip series in september 2024
9. Bounded closed interval valued decagonal fuzzy number and it's application is published in communications on applied non linear anlysis in october 2024.
10. Forecasting the stock market using arima modelling and foresight published in journal of computational analysis &it's applications in october 2024.

TEXT BOOK AUTHOR:
- A text book named as 'business statistics' has been published in charulatha publications in the year 2019.
- A text book named as ' statistics and numerical methods 'has been published in   leilani katie publication in the year 2024.

INCENTIVE PROGRAM:

- Attended one week incentive program for professors in imsc in may 2011.