PROFILE

Dr.K.KAVITHAMANI

ASSOCIATE PROFESSOR

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1. Name of the Faculty   : Dr.K.KAVITHAMANI
2. Department / Designation   : S&H/ Associate Professor
3. Marital Status   : Married
4. Father / Spouse Name   : K.Senthil Kumar
5. Age   : 42
6. Community   : BC
7. Blood Group   : A +ive
8. Date of Birth   : 10.05.1981
9. Address for correspondence   : B-21, Rail Nagar

                            Podanur, Coimbatore, 641 023

         Mobile No.   : 90470 54447, 9843483339

         E-mail ID   : kavihamanisenthil@gmail.com

                            kavielakkiya@rocketmail.com

10. Total work experience

	Company / Intuition	Designation	DOJ & DOR	Experience Type	Total Experience
Teaching	Hindusthan College of Engineering & Technology,	Asso. Professor	03.07.2017 To Till date	Regular	6 years

	Coimbatore				
	Rathinam Technical campus, Coimbatore	Asso. Professor	01.06.2016 To 22-06-2017	Regular	1 year
	JCT College of Engg and technogy	Asst. Professor	01.06.2009 To 02-05-2016	Regular	7 years
	Arulmegu chandeshwarar polytechnic college	Lecturer	31.07.2005 To 01-02-2006	Regular	1 year
TOTAL EXPERIENCE					15 YEARS

11. Academic Qualifications :

Examinations	Name of the Board/ University	Year of Passing	Percentage of Marks obtained	Division/ class/ Grade	Subject
SSLC	State Board	1996	83	First	
H.Sc	State Board	1998	80	First	Group -I
UG	Bharathiar University	2001	81	First	Mathematics
PG	Bharathiar University	2003	83	First	Mathematics
M.Phil	Bharathiar University	2005	70	First	Functional Analysis
Ph.D	Karpagam University	2014	-	First	Topology

					Computer Applications
PGDCA	Private	2001	-	First	

12. Number of Research Papers /Articles /Conference Proceedings Published :

Publication Type	Journals papers	Conference papers	FDP/Seminars workshops conducted/attended	Impact/ H-index	Patents
International/National	20	5	40	6.1	5

13. Organizing the Conferences/ Seminars/ Workshops:

- Webinar On "Dynamic Of Mathematics
- Application Of Mathematics In Various Disciplines
- Application Of Graph Theory In Various Disciplines
- FDP On Pure & Applied Mathematics
- Webinar On "Mathematics To Management
- International Conference On Reconceptualizing In Mathematical Science &English Language Literature
- Workshop On MATLAB
- Applications of Mathematics In Engineering Fields
- Webinar On Yoga
- Environmental Rights And Governance
- Tips To Improve Physical And Mental Fitness
- Environmental Crisis In The Times of A Pandemic(SARS – COV -2)
- Fitness For Faculty Members
- Fit For Future
- Yoga Quiz
- Integral Planning For NIRF Ranking & Best Practices In Engineering College
- Mathematical Modeling & Problem Solving Using Sage Math
- Additive Manufacturing And Its Impact On Industry 4.0
- Execution of Skylab & Latex For Research M& Publications

- ➤ Sage For Mathematics & Engineering
- ➤ Applications of Latest Software In Project Management And Cost Estimation
- ➤ Emerging Trends In Mathematical Modeling Using Python Programming
- ➤ Fixed Point Theory & Its Application
- ➤ Constitution of India
- ➤ Modern Mathematical Tools For Calculus & Analytics
- ➤ Applications of PDE & Recent Trends In Mathematics Education
- ➤ Real, Applied, Computational Mathematics
- ➤ AICTE-Internet of Things, Big Data Cloud
- ➤ Applications of Nature Inspired Optimization Techniques For Solving Real Life Problems
- ➤ Writing And Publishing High Impact Research Publications And Scientific Documents
- ➤ Real Analysis-Continuity of A Function
- ➤ Recent Trends& Challenges For New Product Development
- ➤ The Power of Teacher - Student Relationship In Determining Student Success
- ➤ Application of Graph Theory
- ➤ Psychological Resilience
- ➤ Quality Sustenance Through Online Mode Of Education
- ➤ Empowering The Moral Values, Ethics And Behavioral Attitude In Teaching Skills Among Teachers
- ➤ Five Day Online Faculty Development Programme On Mathematics
- ➤ Artificial Intelligence And Its Applications

14. Journals

- ➤ c*g-Closed, c(s)g-Closed Sets In Topological Spaces-Antarctica J. Math.,
- ➤ A Study On c*g-Homeomorphisms In Topological Spaces - International Journal Of Engineering Research & Technology (IJERT)
- ➤ Strongly c*g- Continuous Maps In Topological Space- International Journal Of Engineering Research & Technology (IJERT)

- A Study On c*g-Closed Sets In Bitopological Spaces- International Journal Of Engineering Research & Technology (IJERT)
- Strong Implicative And Fuzzy Strong Implicative Filters of Resituated Lattice Weisberg Algebras- National Conference On "Emerging Trends In Engineering Science 2020" (NCETES'20)
- c*g-Continuous Function In Bitopological Spaces- International Journal of Mathematical Archive.
- Estimation of Time To Recruitment For A Three Graded System- International Journal Of Engineering & Technology
- Application of Fuzzy Cognitive Map In Voluntary Retirement Analysis- International Journal of Pure And Applied Mathematics
- A Mathematical Analysis To Estimate Time To Recruitment For An Organization - International Conference On Fuzzy Mathematical Analysis And Advances In Computational Mathematics FMAACM 2020
- Application of Cognitive Map In Voluntary Retirement Analysis- International Journal of Pure And Applied Mathematics, (Scopus Indexed)
- Analysis of Time To Recruitment of A Manpower Model For An Organization With Two Sources of Depletion And Two Components For Threshold For The Depletion of Manpower- Waffen-Und Kostumkunde Journal
- Interval Valued Hesitant Fuzzy Subnearring Bonferroni Mean And Interval Valued Hesitant Fuzzy Subnearring Weighted Bonferroni Mean -International Journal of Advances In Engineering And Management (IJAEM)
- A Study On Meantime Assessment Intuitionistic Reluctant Fuzzy Auxiliary Nearring And Meantime Assessment Intuitionistic Triangular Reluctant Fuzzy Auxiliary Nearring- IJARSCT-International Journal of Advanced Research Inscience, Communication And Technology
- A Study On Meantime Assessment Intuitionistic Reluctant Fuzzy Auxiliary Nearring- 2021 IJCRT
- A Trending Study On The Neutrosophication of Z-Transform- Journal of University of Shanghai For Science And Technology.
- A Mathematical Analysis To Estimate Time To Recruitment For An Organization- Pondicherry University (A Central University of India), India. FMAACM2021.

- Strong Implicative Filters of Residuated Lattice Wajsberg Algebras- Jundishapur Journal of Microbiology

- GMI Method-Fuzzy EOQ model without shortages- Journal of Algebraic Statistics (WOS)

- Purchasing Model with Fuzzy Cost Parameters- Telematique

- A fuzzy purchase model with backorders - GMI method of defuzzification- Journal of Physics

15.Patenet:

- Artificial Neural Network based low cost Autonomous Mobile Robot Using Wireless Sensor Network- 202041041250 A

- Fuzzy and Instuituionistic fuzzy strong implicative filters of residuated lattices wajsberg algebras-- 202241045793 A

- Statistical Analysis Of Numerical Attributes Of Brain Tumors And Predict The Life Expectancy Through Confusion Matrix Instances- 202241054152A

- Environmental condition monitoring in green house by using IOT- 202341037957 A

- Implementation of solar pv battery and diesel generator based electric charging station- 202341037960 A

- Quality Improvement of Image Processing using Fuzzy Logic- 202341041760 A

16.NPTEL:

- Engineering Mathematics –I
- Human Behavior

17.Coursera :
- AI For Everyone
- Positive Psychology
- Vector Calculus For Engineers
- Advanced Instructional Strategies In The Virtual Classroom
- Leadership And Emotional Intelligence
- Vector Calculus For Engineers-2
- Differential Equations For Engineers

- Introduction To ODE
- Matrix Algebra Foe Engineers
- R Programming
- Data Science And Math Skills
- Stochastic Processes
- Introduction To Psychology
- Foundation Of Teaching For Learning: Introduction
- Introduction To AI
- Psychological First Aid
- Air Pollution

18.Other Activities

- Affiliation Coordinator
- YOGA Club coordinator
- Timetable Coordinator
- Science day coordinator
- Class Advisor
- AICTE, Autonomous faculty coordinator
- NAAC, NBA faculty coordinator
- NBA Coordinator
- Faculty profile In charge.
- MAD @ MAT program coordinator
- Women's Day Program (Seating, Prize)
- College day Program coordinator

19. Membership

- **Indian Society of Systems for Science and Engineering (ISSE)-LM05926.**

Signature

Dr.K.Kavithamani