NAME : DR. K. ROSEMARY EUPHRASIA

POSITION : ASSOCIATE PROFESSOR

FACULTY OF : COMPUTER SCIENCE

EMAIL ID : rosemary14d@gmail.com

LANGUAGES PROFICIENCY

        READ : TAMIL & ENGLISH

        WRITE : TAMIL & ENGLISH

        SPEAK : TAMIL & ENGLISH

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	PHYSICS	HOLY CROSS COLLEGE, TIRUCHIRAPPALLI, TAMILNADU	1988
2.	PG	PHYSICS	FATIMA COLLEGE, MADURAI, TAMILNADU	1990
3.	M.PHIL.	COMPUTER SCIENCE	MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL	2002
4.	PH.D.	COMPUTER SCIENCE	GANDHIGRAM RURAL INSTITUTE (DEEMED UNIVERSITY), GANDHIGRAM	2018
5.	DIPLOMA	PGDCA	ST. JOSEPH'S COLLEGE, TIRUCHIRAPPALLI, TAMILNADU	1991

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO
1.	DEPT. OF PHYSICS, FATIMA COLLEGE, MADURAI	1991 - 1992
2.	DEPT. OF COMPUTER SCIENCE, FATIMA COLLEGE, MADURAI	15.06.1992 - TILL DATE

3. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	FROM – TO
1.	ADULT EDUCATION COORDINATOR	2 YEARS
2.	NSS COORDINATOR	3 YEARS
3.	MEMBER OF TIME-TABLE COMMITTEE	2 YEARS
4.	MEMBER OF QUIZ CLUB	2 YEARS
5.	EXAMINATION COMMITTEE - CIA	TILL DATE
6.	UNION CO-ORDINATOR	2017 - TILL DATE

4. AREAS OF SPECIALIZATION

- ➢ **IMAGE AND VIDEO STEGANOGRAPHY**

5. Position Held Outside

S. No.	Name of the Institution	Name of the Position	From – To
1.	Manonmaniyam Sundaranar University	Member of Question Bank Committee	-

6. Orientation/Refresher/Training Programmes/FDP Attended

S. No.	Programmes	Theme	Organized by	Date
1.	Refresher Course	Pedagogy for College Teachers	St. Xavier's College, Palayamkottai	2002
2.	Orientation Programme	-	Academic Staff College, Madurai Kamaraj University	Feb. 2002
3.	Orientation Course	-	Bharathidasan University, Trichy	2002
4.	Refresher Course	Mobile Computing	Department of Computer Science, Madurai Kamaraj University	Mar. 2004
5.	Refresher Course	Applications of Mathematics	Department Mathematics, Gandhigram Rural University, Dindigul	2004
6.	Refresher Course	Education Technology	Academic Staff College, Bharathidasan University, Tiruchirappalli	June 2005
7.	Refresher Course	Recent Trends In Computer Science	Department of Computer Applications, Gandhigram Rural University, Dindigul	2006
8.	Faculty Development Workshop	Business Intelligence	Dept. of Computer Applications, Fatima College, Madurai	2009

7. National/International Seminar, Workshop, Conference & Symposium

S. No.	Programmes	Organized by	Date	Participated / Presented	Title of the Paper
1.	International Conference on Advanced Computing and Big Data Analytics (ICACB'18)	Department of Computer Science and Engineering, Kingston Engineering College, Vellore	Mar. 2018	Presented	Non-LSB Based Steganography Through Matrix Encoding In Spatial Domain of An Image
2.	International Conference on IoT, Data Science and Security (Icids-2017)	Deparment of Computer Science and Engineering, PSG College of Technology, Coimbatore	Jan. 2017	Presented	A Novel Data Security Method Using Video Steganography In Wavelet Domain Augmented With Symmetric Key Cryptography

3.	IEEE International Conference on Advances In Computer Applications (ICACA 2016)	Department of Computer Applications, Bharathiyar University, Coimbatore	2016	Presented	A Comparative Study on Video Steganography In Spatial and IWT Domain
4.	International Conference on Signal Processing, Control and Data Analytics -2016 (ICSCD 2016)	International Society of Scientific Research and Development, San Diego, USA	Aug. 27 – 28, 2016	Presented	A New Algorithm for Data Security By Integrating Symmetric Key Cryptography and Steganography In IWT Domain
5.	National Conference on New Horizons In Computational Intelligence and Information Systems	Department of Computer Science and Applications, Gandhiram Rural Institute – Deemed University, Gandhigram	Dec. 17 – 18, 2015	Presented	Enhancing Data Security of QR Codes Using Steganography
6.	International Conference on Computational Models, Cyber Security & Computational Intelligence (ICC3)	Department of Applied Mathematics and Computational Sciences, PSG College of Technology	Dec. 17 – 19, 2015	Presented	Multilevel Multimedia Security By Integrating Visual Cryptography and Steganography Techniques
7.	International Conference on Innovative Research In Engineering, Science and Management(ESM-15)	Academic Science and Conference Info At Jawaharlal Nehru University, New Delhi	Sep. 20, 2015	Presented	High Level Multimedia Security By Incorporating Steganography and Visual Cryptography
8.	National Conference of Recent Advances In Computer Science and Applications	Department of Computer Science and Applications, Gandhiram Rural Institute – Deemed University, Gandhigram	Mar. 19 & 20, 2015	Presented	Randomized Hiding of An Encrypted Image In RGB Special Domain
9.	National Conference on Recent Trends In Intelligent Systems	Department of Computer Science , University of Madras	Mar. 12 - 13, 2015	Presented	Dynamic Hiding of Message In RGB Space Based on Random Channel Indicator
10.	National Level Seminar on "Recent Trends In It"	Jeyaraj Anna Packiam College	2009	Participated	-
11.	National Level Seminar on "Education Through Multimedia"	Dept. of Computer Science	2009	Participated	-
12.	State Level Seminar on "Computer Science and Applications"	Standard Firework Rajarathinam College, Sivakasi	2004	Participated	-
13.	National Level Seminar on "Interdependence of Mathematics and Computer Science"	Dept. of Computer Science	2004	Participated	-
14.	National Level Seminar on "Recent Trends In Information Technology"	Dept. of Computer Science	2001	Participated	-

8. Articles Published in Journals/Magazines/Books

S. No.	Journal/Book Name	Title of The Article	Month / Year	Vol. No.	Iss. No.	Page No.	ISSN/ISBN	Publisher
1.	IEEE International Conference on Advances in Computer Applications, IEEE Digital Xplore	A Comparative study on Video steganography in Spatial and IWT domain	Mar. 2017	-	-	104-109	DOI: 10.1109	-
2.	International Journal of Computer Science and Information security	Steganography in DCT-based compressed images through Modified Quantization and Matrix Encoding	Feb. 2017	15	2	118-126	1947-5500	-
3.	Advanced Computing: An International Journal (ACIJ)	Data security through QR code Encryption and Steganography	Mar. 2016	7	½	pp. 1-7	DOI: 10.5121	-
4.	Advances in Intelligent Systems and Computing	Multilevel Multimedia Security by Integrating Visual Cryptography and Steganography Techniques	2015	412	-	403-412	-	Springer
5.	International Journal of Innovations and Advancement in Computer Science (IJIACS)	High level Multimedia Security by incorporating Steganography and Visual Cryptography	Sep. 2015	4	SPL. ISS.	90 -98	2347 – 8616	Academic Science
6.	International Journal of Applied Engineering Research	Dynamic Hiding of Message in RGB Domain based on Random Channel Indicator	2015	10	76	478-483	0973-4562	Research India Publications

9. Achievements

S. No.	Name of the Award	Award Received for	Sponsors / Source	Date
1.	Best Paper Award	Paper Presentation	-	-

10. Major Assignments

S. No.	Major Assignment	Institution	Theme/Title	Date
1.	Organizing Committee	National Convention on "Recent Trends In Information Technology	UG Dept. of Computer Science, Fatima College, Madurai	Oct. 2001
2.	Organizing Committee	UGC Dept. of Computer Science and Mathematics, Fatima College, Madurai	National Seminar on "Interdependence on Mathematics and Computer Science	Mar. 2004
3.	Organizing Member	TNSCST, Chennai & NTSTC, New Delhi Dept. of Computer Science, Fatima College, Madurai	National Workshop on "Prospective Avenues for It Graduates"	Mar. 2008

11. Faculty Improvement Programs Attended

S. No.	Name of the Workshop	Place	Date
1.	Workshop on Computer Vision and Image Processing	Amrita University, Coimbatore	2016
2.	Hands on Workshop on "Cloud Computing Tools"	Thiagarajar College of Engineering, Madurai	Oct. 15 - 18, 2015
3.	Workshop on Image Processing Techniques	Fatima College, Madurai	Mar. 2014
4.	Workshop on Android Applications	Fatima College, Madurai	Nov. 2013

S. No.	Name of the Workshop	Place	Date