

NAME : DR. S. ARUL JOTHI
POSITION : ASSISTANT PROFESSOR
FACULTY OF : COMPUTER SCIENCE
PHONE/MOBILE : 0452-2383792/9486377479
EMAIL ID : s.aruljothi.p@gmail.com
DATE OF BIRTH : 01.04.1976



LANGUAGES PROFICIENCY

READ : ENGLISH & TAMIL
WRITE : ENGLISH & TAMIL
SPEAK : ENGLISH & TAMIL

1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	COMPUTER SCIENCE	SRI MEENAKSHI GOVERNMENT COLLEGE FOR WOMEN, MADURAI	1998
2.	PG	COMPUTER SCIENCE	MADURAI KAMARAJ UNIVERSITY COLLEGE, MADURAI	2000
3.	M.PHIL.	COMPUTER SCIENCE	MADURAI KAMARAJ UNIVERSITY, MADURAI	2006
4.	PH.D.	COMPUTER APPLICATIONS	KALASALINGAM UNIVERSITY, KRISHNAN KOIL	2015

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO (PERIOD)
1.	N.M.S. SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI	2000 – Nov 2014
2.	ASSISTANT PROFESSOR, FATIMA COLLEGE, MADURAI	Nov 2014 - TILL DATE

3. POSITION HELD OUTSIDE

S. No.	NAME OF THE POSITION	NAME OF THE INSTITUTION	DURATION
1.	MEMBER, BOARD OF STUDIES FOR UG COURSES IN INFORMATION TECHNOLOGY	E.M.G YADAVA WOMEN'S COLLEGE, MADURAI	2017 - 2018

4. AREAS OF SPECIALIZATION

➤ **INFORMATION SECURITY**

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMME	THEME	ORGANIZED BY	DATE
1.	FACULTY INDUCTION PROGRAMME	CAPACITY BUILDING	FATIMA COLLEGE	Nov. 04 – 11, 2016

6. NATIONAL/INTERNATIONAL/STATE/REGIONAL ETC..... SEMINAR, WORKSHOP, CONFERENCE, SYMPOSIUM ETC.....

S. No.	PROGRAMME & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1.	CONFERENCE ON BRIDGING THE GAP BETWEEN INDUSTRY & INSTITUTION	FATIMA COLLEGE, MADURAI	2006	PARTICIPATED	-
2.	ONE DAY WORKSHOP ON IMAGE PROCESSING WITH IDL PROGRAMMING	KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, VIRUDHUNAGAR	2007	PARTICIPATED	-
3.	NATIONAL CONFERENCE ON ADVANCES IN APPLIED TECHNOLOGIES	KALASALINGAM UNIVERSITY, KRISHNANKOIL	2008	PARTICIPATED	-
4.	SKILL BASED TRAINING PROGRAM ON J2EE AND BEST PRACTICES IN APPLICATION DEVELOPMENT	MADURAI KAMARAJ UNIVERSITY, MADURAI	2009	PARTICIPATED	
5.	5 TH INTERNATIONAL CONFERENCE ON FUTURE INFORMATION TECHNOLOGY	FUTURE TECH, BUSAN, SOUTH KOREA	MAY 21-23, 2010	PRESENTED	SYMMETRIC KEY CRYPTOSYSTEM BASED ON RANDOMIZED BLOCK CIPHER
6.	INTERNATIONAL CONFERENCE ON COMPUTERS, COMMUNICATION & INTELLIGENCE	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI	JULY 22-23, 2010	PRESENTED	A NOVEL RANDOMIZED KEY MULTIMEDIA ENCRYPTION ALGORITHM SECURE AGAINST SEVERAL ATTACKS
7.	NATIONAL SEMINAR ON CONTEMPORARY PROGRESS IN CYBER SPACE	FATIMA COLLEGE, MADURAI	2012	PARTICIPATED	-
8.	NITOS'15	FATIMA COLLEGE, MADURAI	2015	PRESENTED	AN OVERVIEW OF BIOMETRIC DATA SECURITY USING VISUAL CRYPTOGRAPHY SCHEMES
9.	AIACHE GOLDEN JUBILEE GRAND FINALE CELEBRATIONS	AMERICAN COLLEGE, MADURAI	OCT. 07-11, 2016	PARTICIPATED	-
10.	INTERCOLLEGIATE RESEARCH FEST – EXPLORIA'16	FATIMA COLLEGE, MADURAI	MAR. 09, 2016	PARTICIPATED	-
11.	INTELLECTUAL PROPERTY RIGHTS	FATIMA COLLEGE, MADURAI	DEC. 10, 2016	PARTICIPATED	-
13.	AWARENESS PROGRAMME ON CYBER SECURITY	FATIMA COLLEGE, MADURAI	NOV. 21 – DEC. 02, 2016	ORGANISED / PRESENTED	IMPACT OF SOCIAL MEDIA ON CYBER SECURITY
14.	PREVENTIVE-CARE AND CONTROL OF NON – COMMUNICABLE DISEASES FOR MARGINALIZED SOCIAL GROUPS	FATIMA COLLEGE, MADURAI	JAN 5 – 7, 2017	ORGANISED	-

7. RESEARCH GUIDANCE

➤ NO. OF M.PHIL. GUIDED : 8

M.PHIL. GUIDANCE COMPLETED/ONGOING

S. No.	TITLE OF DISSERTATION	ORGANIZATION	STUDENT NAME	YEAR
1.	REDUCING THE TIME COMPLEXITY OF MEDIAN FILTER USING IMAGE SLICING TECHNIQUE	MADURAI KAMARAJ UNIVERSITY	S. KALA	2007
2.	DISEASE DIAGNOSIS DURING ECG RECORDING USING NEURAL WORKS	VINAYAGA MISSION	S. NIVEETHITHA	2008
3.	DESIGN AND IMPLEMENTATION OF WIRELESS APPLICATION PROTOCOL	VINAYAGA MISSION	A. RAJAM	2008
4.	SURVEY ON WEB USAGE MINING	MADURAI KAMARAJ UNIVERSITY	K. VASANTHA MEENA	2008
5.	MANAGING & ANALYZING LARGE VOLUMES OF DYNAMIC & DIVERSE DATA	MADURAI KAMARAJ UNIVERSITY	S. DEVI	2008
6.	DIGITAL IMAGE WATERMARKING USING DECIMAL SEQUENCES	VINAYAGA MISSION	S. VANAJA	2009
7.	MOBILE COMMUNICATION	VINAYAGA MISSION	L. DEVI	2009
8.	DESIGN AND ANALYSIS METHODS FOR MULTI-AGENT SYSTEMS	VINAYAGA MISSION	R. RANJANI	2009

8. ARTICLES PUBLISHED IN JOURNALS/MAGAZINES/BOOKS

S. No.	JOURNAL/BOOK/MAGAZINE NAME	TITLE OF THE ARTICLE	MONTH/ YEAR	VOL. No.	ISSUE No.	PAGE No.	ISSN	PUBLISHER
1.	IEEE XPLORE	SYMMETRIC KEY CRYPTOSYSTEM BASED ON RANDOMIZED BLOCK CIPHER	MAY 2010	-	-	1-5	DOI:10.1109	FUTURE INFORMATION TECHNOLOGY
2.	INTERNATIONAL JOURNAL OF COMPUTER APPLICATIONS	A GENERALIZED KEY SCHEME IN A BLOCK CIPHER ALGORITHM AND ITS CRYPTANALYSIS	JULY 2012	49	9	1-6	0975 – 8887	NEWYORK, USA
3.	JOURNAL OF INFORMATION ENGINEERING AND APPLICATIONS	ENCRYPTION QUALITY AND PERFORMANCE ANALYSIS OF GKSBC ALGORITHM	OCTOBER 2012	2	10	26-34	2224-5782	IISTE
4.	JOKULL JOURNAL	A NEW APPROACH TO RANDOMIZED KEY IN THE SYMMETRIC BLOCK CIPHER ENCRYPTION ALGORITHM	JULY 2013	63	7	1-10	0449-0576	USA
5.	INTERNATIONAL JOURNAL OF COMPUTER APPLICATIONS IN ENGINEERING SCIENCES	A SURVEY ON DIFFERENT ENCRYPTION TECHNIQUES IN NETWORK SECURITY	MARCH 2014	4	1	1-4	2231-4946	JORHAT : FOUNDATION FOR INTERDISCIPLINARY RESEARCH IN ENGINEERING

6.	INTERNATIONAL JOURNAL OF ENGINEERING AND COMPUTER SCIENCE	A SURVEY OF SIGNCRYPTION ITS TYPES AND TECHNIQUES	MAY 2014	3	5	579 6- 580 0	2319- 7242	INDIA
7.	INTERNATIONAL JOURNAL OF ADVANCE RESEARCH IN COMPUTER SCIENCE AND MANAGEMENT STUDIES	HYBRID APPROACH FOR SECURING BIOMETRIC TEMPLATES USING VISUAL CRYPTOGRAPHY	SEPTEMBER 2015	3	9	61- 65	2321- 7782	INDIA
8.	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY	MULTIMODAL BIOMETRIC ENDORSEMENT FOR SECURE INTERNET BANKING USING SKIN SPECTROSCOPY, KNUCKLES TEXTURE AND FINGER NAIL RECOGNITION	FEBRUARY 2016	3	2	108 6- 109 0	2395- 0056	ESAT PUBLISHING HOUSE
9.	INTERNATIONAL JOURNAL OF COMPUTER TRENDS AND TECHNOLOGY	DEFENDING BIOMETRIC TEMPLATES BY MULTILEVEL AUTHENTICATION USING BIOCRYPTOGRAPHY AND STEGANOGRAPHY TECHNIQUES	JUNE 2016	36	1	43- 47	2231- 2803	SEVENTH SENSE RESEARCH GROUP
10.	INTERNATIONAL JOURNAL OF ADVANCED ENGINEERING, MANAGEMENT AND SCIENCE	A PERFORMANCE ANALYSIS OF GENERALIZED KEY SCHEME BLOCK CIPHER (GKSBC) ALGORITHM TO CRYPTANALYTIC ATTACKS	JULY 2016	2	7	983 - 987	2454- 1311	INFOGAIN PUBLICATION

9. BOOKS PUBLISHED

S. No.	BOOK NAME	YEAR	PUBLISHER	ISBN
1.	INTRODUCTION TO COMPUTER GRAPHICS	2008	PRINTMAGIC	978-81-907693-8-9
2.	PRINCIPLES OF DATABASE SYSTEMS	2008	PRINTMAGIC	978-81-907693-9-6

10. GUEST LECTURES DELIVERED

S. No.	THEME/TITLE	ORGANIZATION	DATE
1.	SECURITY ISSUES IN CLOUD COMPUTING	DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, KALASALINGAM UNIVERSITY	FEB. 17, 2017

11. MEMBER IN EDITORIAL BOARD OF NATIONAL/INTERNATIONAL JOURNALS

- JOURNAL OF ENGINEERING AND COMPUTER INNOVATIONS
- SECURITY AND COMMUNICATION NETWORKS

12. ACHIEVEMENTS

S. No.	NAME OF THE AWARD	AWARD RECEIVED FOR	SPONSORS / SOURCE	DATE
1.	BEST PAPER AWARD	PAPER PRESENTATION	INTERNATIONAL CONFERENCE ON COMPUTERS, COMMUNICATION & INTELLIGENCE	JULY 22 & 23, 2010

13. FOREIGN COUNTRIES VISITED ON ACADEMIC ASSIGNMENTS/TRAINING/INVITED PROGRAMME

- VISITED BUSAN, SOUTH KOREA FOR 5TH INTERNATIONAL CONFERENCE ON FUTURE INFORMATION TECHNOLOGY ON MAY 21-23, 2010 FOR PAPER PRESENTATION.

14. ANY OTHER

- MEMBER OF ORGANIZING COMMITTEE

1. SECOND INTERNATIONAL CONFERENCE ON CIRCUITS AND SYSTEMS (CIRSY-2015), AUGUST 28 & 29, 2015, DUBAI, UAE.
2. SECOND INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING (ELE 2015), AUGUST 28 & 29, 2015, DUBAI, UAE.
3. SECOND INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (ADCO-2015), JANUARY 2 & 3, 2016, ZURICH, SWITZERLAND.
4. THIRD INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND APPLICATIONS (AIAPP 2016), MARCH 26 & 27, 2016, GENEVA, SWITZERLAND.
5. THIRD INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (CoSIT-2016), MAY 21 & 22, 2016, VIENNA, AUSTRIA.
6. THIRD INTERNATIONAL CONFERENCE ON SIGNAL AND IMAGE PROCESSING (SIGL 2016), MAY 21 & 22, 2016, VIENNA, AUSTRIA.
7. 6TH INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE, ENGINEERING AND INFORMATION TECHNOLOGY (CCSEIT 2016), MAY 21 & 22, 2016, VIENNA, AUSTRIA.
8. FIFTH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (ICAIT 2016), MAY 28 & 29, 2016, SYDNEY, AUSTRALIA.
9. FIFTH INTERNATIONAL CONFERENCE ON DIGITAL IMAGE PROCESSING AND VISION (ICDIPV 2016), MAY 28 & 29, 2016, SYDNEY, AUSTRALIA.
10. THIRD INTERNATIONAL CONFERENCE ON CIRCUITS AND SYSTEMS (CIRSY-2016), AUGUST 27 & 28, 2016, DUBAI, UAE.

- REVIEWER IN INTERNATIONAL CONFERENCE ON ELECTRONICS AND OPTOELECTRONICS (ICEOE) ON JUL. 27 – JUL. 29, 2012 IN LIAONING, CHINA.