


## FACULTY PROFILE

### DEPARTMENT OF COMPUTER SCIENCE

#### I. PERSONAL DETAILS

<b>Name</b>	Mrs.R.CHINTHAMANI	
<b>Designation</b>	Assistant Professor	
<b>Qualification</b>	M.Sc(IT).,M.Phil.,DGT	
<b>Area of Specialization</b>	Network Security	
<b>Mobile No.</b>	9751136550	
<b>e-Mail ID</b>	Institutional: <a href="mailto:r.chinthamani-cs@emgywomenscollege.ac.in">r.chinthamani-cs@emgywomenscollege.ac.in</a>	
	Personal: <a href="mailto:sindhuvelmukull@gmail.com">sindhuvelmukull@gmail.com</a>	

#### II. EDUCATIONAL QUALIFICATION

S.NO	NAME OF THE DEGREE/DIPLOMA	NAME OF THE INSTITUTION/UNIVERSITY	YEAR OF PASSING
1.	Ph.D	Mother Teresa Women's University, Kodaikanal	Pursing
2.	M.Phil	Mother Teresa Women's University, Madurai Centre	2015
3.	M.Sc(IT)	Madurai Kamaraj University, Madurai	2010
4.	B.Sc	Madurai Kamaraj University, Madurai	2008

### III. TEACHING EXPERIENCE

S.NO	PREVIOUS TEACHING EXPERIENCE WITH NAME OF THE INSTITUTION	From-To	YEAR OF EXPERIENCE
1	EMG Yadava Women's College, Madurai	2011-Till Date	10 years , 7 months

### IV. RESEARCH ACCOMPLISHMENTS

ORIENTATION/REFRESHER/MOOCs/FDP/ TRAINING PROGRAMMES ATTENDED			
S.NO	DATE	NAME OF THE COURSE/PROGRAMME	NAME OF THE INSTITUTION/UNIVERSITY
1.	13.02.2020 To 19.02.2020	Artificial Intelligence & Machine Learning	Mother Teresa Women's University, Kodaikanal
2.	27.04.2020	Research Methodology	Bharathiar University Arts and Science College
3.	27.04.2020 To 01.05.2020	Latex	Chevalier T.Thomas Elizabeth College for Women
4.	10.05.2020	Artificial Intelligence in 4 <sup>th</sup> Dimensional Approach	Vinayaka Missions Research Foundation, Salem
5.	11.05.2020 & 12.05.2020	New-Normal – Pedagogical Tools for Online Teaching	Fatima College
6.	13.05.2020	Effective Research and Proposal Writing	Sri Adi Chunchanagiri Women's College, Cumbum
7.	13.05.2020	Data Analytic -s & Tools	Vinayaka Missions Research Foundation, Salem
8.	27.04.2020	Research Methodology	Bharathiar University Arts and Science College, Pollachi.
9.	15.06.2020	New Approach to Curricular Design & Simplified Path Way to Outcome Based Education	E.M.G. Yadava Women's College, Madurai
10.	30.06.2020	Cryptography: Foundations and New Directions in Research	Sindhi College, Chennai
11.	03.07.2020 To 07.07.2020	Recent Trends in Computer Technologies and Tools	Panimalar Institute of Technology
12.	09.07.2020 To 11.07.2020	Agile Methodologies, IT Security and Deep Generative Models	Panimalar Institute of Technology

13.	11.07.2020	Decode NTA NET	Annai Vailankanni Arts & Science College
14.	07.11.2020	Multiple Intelligence and Ways of Teaching	Sree Narayana Guru College
15.	04.01.2021 To 08.01.2021	Internet of Things	Jawaharlal Nehru National College of Engineering
16.	07.12.2020 To 12.12.2020	Feature analysis Using AI/ML	Sri Krishna college of Engineering and Technology
17.	14.03.2021 To 19.03.2021	International Webinar On Cloud Computing and Development Operation & Tools	E.M.G.Yadava Women's College

**NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM ATTENDED**

S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
1.	11-09-2015	Innovative Technologies & Advanced Computing	National Conference	Fatima College, Madurai
2.	25.09.2017	e-Learning and MOOCs in Higher Education and New Roles of Teachers	Seminar	E.M.G.Yadava Womens College, Madurai
3.	08.01.2018	Awareness on Open Source Technology	Workshop	Lady Doak College, Madurai
4.	09.03.2018	National workshop on Data Analytic using R- Tool	Workshop	M.V.Muthiah Government Arts College for Women, Dindigul
5.	31.07. 2018	IOT and PYTHON	Workshop	Sourashtra College, Madurai
6.	05.08.2018	Artificial Intelligence in Education	International Workshop	Mother Teresa Women's university, Madurai
7.	05.01.2019	Emerging Trends In Iot & Machine Learning	International Conference	Mangayarkarasi College of Arts & Science for Women, Madurai
8.	11.01.2019	Advanced Computing Technologies	International Conference	Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Madurai.
9.	08.08.2019	Insight of Software Development and Organization	International Seminar	Mangayarkarasi College of Arts and Science for Women, Madurai
10.	27.08.2019 & 28.08.2019	Big Data Mining- Potential Research Aspects	International Workshop	Mother Teresa Women's University, Kodaikanal
11.	13.09.2019 & 14.09.2019	Research Methodology for Ph.D Scholars	Workshop	Mother Teresa Women's University, Kodaikanal
12.	03.10.2019 & 04.10.2019	Information Security	Workshop	Mother Teresa Women's University, Kodaikanal
13.	25.11.2019	Big Data Analytic and Application	International Seminar	Mother Teresa Women's University, Kodaikanal

14.	03.12.2019 & 04.12.2019	Machine Learning	International Workshop	Mother Teresa Women's University, Kodaikanal
15.	18.12.2019	Data Science and Intelligent Systems	International Seminar	Mother Teresa Women's University, Kodaikanal
16.	23.01.2020	Algorithmic Thinking and Problem Solving	International Workshop	Mannar Thirumalai Naicker College, Pasumalai, Madurai

**PAPER PRESENTED IN NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, CONFERENCE & SYMPOSIUM**

S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
1.	19.03 .2015 & 20.03.2015	Energy Efficient Routing for Cluster based In Network Data	NCRACSA	Gandhigram university, Dindugal
2.	15.02.2018	Different Approaches and Background in Data Mining and Its Applications	International Conference	Mangayarkarasi College of Arts & Science for Women
3.	27.10.2018	A Survey on Types of cyber Attacks and it's Restorative	International Conference	Adaikalamatha Institute of Management and Research
4.	30.01.2020	A Survey on Securing wireless Sensor Interference and Malicious attack detection	International conference	Mangayarkarasi college of Arts & Science for Women
5.	15.05.2020 & 16.05.2020	A Survey On Network Security and Attack Defense Device for Wireless Sensor Network	ICASISSET 2020	Bharath Institute of Higher Education and Research, Chennai
6.	10.02.2021 & 11.02.2021	Evaluation on an Interactive Training and Placement Systems	NEP	E.M.G Yadava Women's College, Madurai.

**NATIONAL/INTERNATIONAL SEMINAR, WEBINAR,WORKSHOP, CONFERENCE & SYMPOSIUM ORGANISED**

S.NO	DATE	TITLE	EVENT NAME
1.	03.07.2020 To 05.07.2020	Network Security	E-Quiz
2.	06.07.2020 To 10.07.2020	PYTHON	Certificate Course
3.	25.08.2021`	Machine Learning	Webinar
4.	31.08.2021	SOA Concepts and Service Virtualization	Webinar
5.	01.09.2021	Ethical Hacking	Webinar
6.	07.09.2021	Machine Learning	Webinar

7.	09.09.2021	Data Science	Webinar
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**ARTICLES PUBLISHED IN JOURNALS / MAGAZINES**

S.NO	TITLE WITH (DOI)	NAME OF THE JOURNAL/MAGAZINE	NATIONAL/ INTERNATIONAL	IMPACT FACTOR	SCOPUS	CITATION INDEX	h-index	VOLUME, ISSUE, MONTH & YEAR
1.	Different Approaches and Background in Data Mining and Its Applications	SHANLAX International Journal	National	1.54	–	–	–	February 2018
2.	A Survey on Types of cyber Attacks and it's Restorative	International journal on Scientific Research in Computer Science Applications and Management Studies	International	0.654	–	–	–	vol.7 issue5, September 2018
3.	A New Approach For Managing Maximum Energy And Malicious Attack Detection in WSN	International journal on Scientific & Technology Research	International	0.43	Elsevier	–	–	vol.9 issue1 ISSN 2277-8616 January 2020
4.	A Survey on Securing wireless Sensor Interference and Malicious attack detection	Journal of Analysis and Computation(JAC)	International	1.75	–	–	–	vol.13 issue1 ISSN 0973-2861 January 2020
5.	A Review on Network Attack Security Device for Wireless Sensor Networks	International Journal of Research and Analytical Reviews	International	7.17	–	–	–	vol.7 issue2 E-ISSN 2348-1269,P-ISSN 2349-5138 on April,2020

6.	Survey of Black Hole Attack Detection Techniques in Wireless Sensor Network DOI: <a href="https://doi.org/10.26438/ijcse/v8i10.127132">https://doi.org/10.26438/ijcse/v8i10.127132</a>	International Journal of Computer Science and Engineering	International	3.802	-	-	-	Volume-8, Issue-10, Oct 2020
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**PUBLICATION OF BOOK / BOOK CHAPTERS / MONOGRAPH / PAPERS PUBLISHED IN CONFERENCE/ PROCEEDINGS**

S.NO	TITLE OF THE BOOK / CHAPTERS / PROCEEDINGS	TITLE OF THE PAPER	NATIONAL / INTERNATIONAL	PUBLISHER DETAILS	ISBN/ISSN OF THE PROCEEDINGS	YEAR
1.	Recent Advances in Computer Science and Applications-2015	Energy Efficient Routing for Cluster based In Network Data	National	Gandhigram Rural Institute-Deemed University	978-93-84743-57-4	2015
2.	IJSRCSAM -2018	A Survey on Types of cyber Attacks and it's Restorative	International	Adaikalamatha Institute of Management and Research	2319-1953	2018
3.	International conference on Data Analytic-s & Visualization	Different Approaches and Background in Data Mining and Its Applications	International	Mangayarkarasi College of arts & Science for Women, Madurai	2321-788X	2018
4.	International conference on Artificial Intelligence and Machine learning	A Survey on Securing wireless Sensor Interference and Malicious attack detection	International	Mangayarkarasi college of Arts & Science for Women	0973-2861	2020
5.	ICASISSET-2020	A Survey On Network Security and Attack Defense Device for Wireless Sensor Network	International Conference on Advanced Scientific Innovation In Science, Engineering And Technology	Bharath Institute of Higher Education and Research, Chennai	978-1-63190-286-4	2020

6.	New Education Policy The Urge for Transformation in Higher Education	Evaluation on an Interactive Training and Placement System	National	E.M.G Yadava Women's College, Madurai.	978-81-950317- 8-8	2021
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#### LEADERSHIP/TEAM WORKING SKILLS

S.NO	CELL/CLUB/COMMITTEE/ASSOCIATION	POSITIONS HELD (NODAL, COORDINATOR/ASSISTANT COORDINATOR / MEMBER)	DURATION MONTH/YEAR
1.	Staff Club	Member	2013-2015
2.	Career Guidance and Placement Cell	Member	2015-2018
3.	E-Documentation	Member	2018-2021

#### V. INNOVATIVE TEACHING SKILLS

#### TEACHING & LEARNING

S.NO	ICT ENABLED TEACHING METHODS
1.	Projector, White board, Star board, Google Classroom ,Google Meet, Zoom

#### e- CONTENT DEVELOPED

S.NO	DATE	TITLE	SOCIAL NETWORK(YouTube, Slideshare, Blog, MOOCs, Others)	LINK
1.	19.12.2020	Different generation of network	YouTube	<a href="https://youtu.be/d_0kTua4nCA">https://youtu.be/d_0kTua4nCA</a>
2.	17.08.2021	Computer Network	Slide share	<a href="https://www.slideshare.net/SindhuVelmukull/computer-network-249996253?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=1">https://www.slideshare.net/SindhuVelmukull/computer-network-249996253?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=1</a>
3.	17.08.2021	Introduction to Artificial Intelligence	Slide share	<a href="https://www.slideshare.net/SindhuVelmukull/introduction-to-artificial-intelligence-249996266?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=2">https://www.slideshare.net/SindhuVelmukull/introduction-to-artificial-intelligence-249996266?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=2</a>

4.	23.08.2021	C++ Programming	Slide share	<a href="https://www.slideshare.net/SindhuVelmukull/c-250033048?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=4">https://www.slideshare.net/SindhuVelmukull/c-250033048?qid=0c0e72c9-ef09-4f84-97eb-ee92fde8b7&amp;v=&amp;b=&amp;from_search=4</a>
5.	07.01.2022	Web Programming HTML	YouTube	<a href="https://youtu.be/r-QamvOSgBM">https://youtu.be/r-QamvOSgBM</a>
6.	07.01.2022	Sql in RDBMS	YouTube	<a href="https://youtu.be/Hifa2glEeRg">https://youtu.be/Hifa2glEeRg</a>
7.	08.01.2022	Internet Protocol	YouTube	<a href="https://youtu.be/v61SVbrv5tE">https://youtu.be/v61SVbrv5tE</a>
8.	10.01.2022	Cascading Style Sheets	YouTube	<a href="https://youtu.be/PY8gecdV1N0">https://youtu.be/PY8gecdV1N0</a>
9.	10.01.2022	HTML Styles Using CSS	YouTube	<a href="https://youtu.be/AKPNydA8Odo">https://youtu.be/AKPNydA8Odo</a>
10.	10.01.2022	World Wide Web	YouTube	<a href="https://youtu.be/1F_LxWO1ORM">https://youtu.be/1F_LxWO1ORM</a>
11.	11.01.2022	J Query	YouTube	<a href="https://youtu.be/gSHJ_8-inog">https://youtu.be/gSHJ_8-inog</a>
12.	07.02.2022	JSP	Slide share	<a href="https://www.slideshare.net/SindhuVelmukull/jsp-251122795">https://www.slideshare.net/SindhuVelmukull/jsp-251122795</a>

## VI. COLLABORATIVE ACTIVITIES

### COLLABORATIVE ACTIVITIES IN OTHER INSTITUTION – EXTENSION/ CONSULTANCY

S.NO	DATE	TITLE	NAME OF THE INSTITUTE/CORPORATE/ ADOPTED VILLAGE
1.	15.02.2012	Basic Concepts Of Computer Science	E.M.Gopalakrishana High School, Sirudhoor
2.	20.01.2014	Usage of Laptop	Rural Area People
3.	04.03.2015	MS-Power Point	Government High School, Thiruppalai
4.	17.02.2020	Basic concepts of Robotic Terminology	Government High School, Pillor, Madurai
5.	01.10.2021	Introduction of Python	Government Arts and Science College for Women, Nilakottai



**VII. COLLABORATIVE TEACHING**

<b>NAME OF THE OTHER INSTITUTION/AGENCY (MoU, etc.,)</b>			
<b>S.NO</b>	<b>DATE</b>	<b>TITLE</b>	<b>NAME OF THE INSTITUTE</b>
1.	01.10.2021	Introduction of Python	Government Arts and Science College for Women, Nilakottai

**VIII. ADDITIONAL DEGREE/DIPLOMA ACQUIRED**

<b>S.NO</b>	<b>NAME OF THE DEGREE</b>	<b>NAME OF THE INSTITUTION/UNIVERSITY</b>	<b>YEAR OF PASSING</b>
1.	DGT	Madurai Kamaraj University, Madurai	2020

**IX. COMPUTER SKILLS**

<b>COMPUTER LANGUAGE/TECHNICAL SKILLS</b>	
<b>S.NO</b>	<b>COMPUTER LANGUAGE/TECHNICAL SKILLS</b>
1.	C,C++,JAVA,PHP,PYTHON

**X. LANGUAGE PROFICIENCY**

<b>S.NO</b>	<b>LANGUAGE</b>	<b>SPEAK</b>	<b>READ</b>	<b>WRITE</b>
1.	English	✓	✓	✓
2.	Tamil	✓	✓	✓