

## **PROFILE**

**Dr. M. KARTHIGAIVENI MCA., M.Phil., Ph.D.**

Assistant Professor,  
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Madurai – 625 014.  
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## **EDUCATIONAL QUALIFICATION**

<b>Ph.D</b> (Computer Science)	Year of Passing – 2021 Institution – Madurai Kamaraj University, Madurai.
<b>M.Phil</b> (Computer Science)	Year of Passing - 2013 Institution – Madurai Kamaraj University, Dindigul.
<b>MCA</b>	Year of Passing - 2011 Institution – Madurai Kamaraj University, Madurai.
<b>B.Sc</b> (Computer Science)	Year of Passing - 2008 Institution – N.M.S.S.V.N. College, Madurai.

## **TEACHING EXPERIENCE**

➤ I'm working as Assistant Professor in Computer Applications at Yadava College from <b>2014</b> to till date.
➤ Since 2016, I have been taking classes for UG and PG at MKU (DDE).

## **RESEARCH EXPERIENCE**

Research Stage	Title of work/ Theses	University where the work was carried out
<b>Ph.D</b> (Computer Science)	Design an Efficient and Secure Environment for E-Health Care System Using Smart Card	Madurai Kamaraj University, Madurai.
<b>M.Phil</b> (Computer Science)	ID3 Algorithm	Madurai Kamaraj University, Dindigul.

## **AREA OF INTEREST**

➤ Areas of specialization : Data Security.
➤ Specialization in Teaching: C, C++, Java, VB, VB.Net, ASP.Net, PHP, Data mining.

## **PARTICIPATED IN SEMINARS/CONFERENCES/ WORKSHOPS**

Title of the Seminar/Conference/Workshop	Date	International National/State/	Organization in which attended
<i>“Cyber Crimes and security issues in Digital World”</i>	26.02.2018	National Seminar	Madurai Kamaraj University, Madurai.
<i>“Deep learning for computer vision Applications”</i>	14.12.2017 15.12.2017	Workshop	KLN College of IT Madurai.
<i>“Quality Education and Human Touch”</i>	08.10.2014	Workshop	Yadava college Madurai

## **JOURNALS AND INTERNATIONAL JOURNALS**

<b>Title of the Journal &amp; Paper</b>	<b>Volume No, ISSN No, Page No.</b>	<b>Year</b>	<b>International/National/state</b>
<i>“An Efficient Two Factor Authentication Scheme with Key Agreement for IOT Based E-Healthcare Applications Using Smart Card”</i>	2214-7935. Springer Id: AIHC-D18.0044	2019	International Journal Springer
<i>“An Efficient Algorithm for Key Generation in Advanced Encryption Standard using Sudoku Solving Method”</i>	978-1-5090-4715-4 pp, 1-8.	2017	International Journals
<i>“Provably secure two factor authentication scheme for E-Health using Smart card”</i>	512-17 eprint.,512	2017	International Journals
<i>“A Flexible and Efficient Algorithm for Generating Prime Number Using Bio-Metric Identity”</i>	B. PNGA 2212-7542.155(14) pp,16-23	2016	International Journals

## **MEMBER OF THE BOARD OF EXTERNAL EXAMINER**

<b>S. No</b>	<b>Institution</b>	<b>Panel</b>
1.	Madurai Kamaraj University	Additional Examiner
2.	Madurai Kamaraj University. (DDE)	Additional Examiner

## **PERSONAL DETAILS**

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