

PROFILE

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

Assistant Professor,

Department of Computer Applications,

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EDUCATIONAL QUALIFICATION

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

TEACHING EXPERIENCE

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

RESEARCH EXPERIENCE

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

Title of the Journal & Paper	Volume No, ISSN No, Page No.	Year	International/National/state
<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

S. No	Institution	Panel
1.	Madurai Kamaraj University	Additional Examiner
2.	Madurai Kamaraj University. (DDE)	Additional Examiner

PERSONAL DETAILS

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