RESUME

Personal Details

Name	:	Dr. K. MENAKA	
Father's Name	:	Mr. S. KRISHNAMURTHY	
a.	Designation and Official Address	:	Head & Assistant Professor PG & Research Department of Computer Science U. D. College, Trichy – 19.
b.	Date of Appointment	:	28. 02. 2020
c.	Residential Address	:	34/17, Pandamangala Agraharam Woraiyur Trichy – 3.
d.	e-mail id	:	kmenakacs@gmail.com
Nationality	:	Indian	
Sex	:	Female	
Date of Birth	:	27.02.1980	
Languages Known	:	Tamil & English	

Educational Qualifications

Institution & Place	Year of Passing	Degree Obtained	Class/Percentage
Mother Teresa Women"s University, Kodaikanal	2016	State Eligibility Test (SET)	66%
Bharathidasan University, Tiruchirappalli	2015	Ph.D. Computer Science	Commended
Bharathidasan University, Tiruchirappalli	2005	M. Phil. Computer Science	I Class with Distinction / 83%
Bharathidasan University, Tiruchirappalli	2002	M. Sc. Computer Science	I Class with Distinction / 83.5%
Bharathidasan University, Tiruchirappalli	2000	B. Sc. Computer Science	I Class with Distinction / 84.2%

Key Projects

Project #1: Project on Cryptography & Network Security - A NOVEL APPROACH FOR ENHANCING INFORMATION ENCRYPTION USING BIOMOLECULAR SEQUENCES for M. Phil. Computer Science Scholar (2017 – 2018)

Project #2: Project on Data Mining - PREDICTING THE BIRTH OF HEALTHY BABIES WITH GESTATION PERIOD OBSERVATIONS USING MACHINE LEARNING ALGORITHMS for M. Phil. Computer Science Scholar (2018 – 2019)

Project #3: Project on Cryptography & Network Security - A HYBRID CRYPTOGRAPHIC SYSTEM BASED ON MATRIX ALGEBRA USING DNA SEQUENCES AND S-BOXES for M. Phil. Computer Science Scholar (2018 – 2019).

Professional Experience

Period	No. of Years	Post Held	Name of the Institution
December 2023 to till date	1 year & 2 months	Head & Assistant Professor	Urumu Dhanalakshmi College
February 2020 to November 2023	3 years & 10 months	Assistant Professor	Urumu Dhanalakshmi College
June 2006 to October 2019	13 Yrs 4 Months	Assistant Professor	Shrimati Indira Gandhi College
June 2005- May 2006	1 Yr	Programmer	Shrimati Indira Gandhi College
September 2002- April 2003	8 Months	Guest Lecturer	D.G.G.A. College, Mayiladuthurai

Software & Hardware Skills

Operating System	:	Windows, Linux, Android.
Languages	:	C, C++, Java, Visual Basic, Python
Web Technology	:	ASP, ASP. Net, Java Script, PHP, PHP Bootstrap,
RDBMS	:	Foxpro, Oracle, Mysql, Mssql, Ms Access
Packages	:	Ms Office
Research Interest	:	Neural Networks, Machine Learning Algorithms, Datamining tools & Cryptography algorithms

Research Supervision / Project Guidance

Degree	Awarded	Guiding
M. Phil.	09	--
Ph.D.	--	04

Confidential Work

➢ Appointed as External Examiner by Bharathidasan University to conduct UG practical examinations at various colleges.

➢ Appointed as External Examiner by Bharathidasan University for Conducting M. Phil. Viva Voce at various colleges.

➢ Recognized M.Phil. Guide of Bharathidasan University.

➢ Recognized Ph.D. Guide of Bharathidasan University.

Invited Talk

• Delivered a talk on the topic "Front-End Application Development with HTML,CSS and Javascript" on 19th August 2023 at Srimad Andavan Arts & Science College, Tiruchirappalli.

• Delivered a talk on the topic "WEKA for Datamining tasks" on 31st August 2019 at A.V. C. College of Engineering, Mayiladuthurai.