

# MADHORUBAGAN.E

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## CAREER OBJECTIVE

- > To be a professional in the field of education and will set as benchmark for others to follow.
- > To be an eminent person, bring up successful personalities in my discipline and also serve the organization as well as the nation through commitment, dedication and hard work.

## ACADEMIC PERFORMANCE

S. No	Degree	Institution	Percentage	Class	Year of Passing
1	(Ph.D) - INFORMATION IN COMMUNICATION ENGINEERING	Anna University, Chennai	-	-	Pursuing
2	ME [CSE]	Karpagam University, Coimbatore	84%	First	2013
3	BE[CSE]	Sengunthar Engineering College, Tiruchengode	69%	First	2010
4	HSC	Gandhi Matriculation Higher Secondary School, Kandampalayam	66%	First	2006
5	SSLC	Gandhi Matriculation Higher Secondary School, Kandampalayam	71%	First	2004

## WORK EXPERIENCE (9- Years)

S. No	Designation	Institution	Duration		Experience (in years)
			From	To	
1.	Assistant Professor.	Vidyaa Vikas College of Engineering and Technology, Tiruchengode	June 2013	April 2016	3 Years

2.	Assistant Professor.	Mahendra Engineering College, Mallasamuthram	January 2020	July 2022	2.5 Years
3.	Assistant Professor.	K.S.R. College of Engineering Tiruchengode.	August 2022	Till date	2 years 9 Months
4.	Assistant Professor.	Vivekanandha College of Engineering for Women	June 2025	Till date	5 Months

### TECHNICAL EXPOSURE

Operating System : MS-DOS 6.2, Windows, Unix  
 Programming Languages : C, Python.  
 Database : MS Access, Oracle SQL, PLSQL  
 Packages : Microsoft Office, MS Visual Basic 6.0

### KEY RESPONSIBILITIES

- Acted as college level convener for IIC (2022-2024)
- Acting as Department BoS Coordinator
- Acting as Department Academic Coordinator
- Acting as Students Counselor/Mentor
- Acting as AQAR NAAC C1 Coordinator & Department Incharge
- Acting as NBA C1 Incharge
- Acting as ERP coordinator for department
- Acted as Department Anna university inspection Coordinator
- Acted as Department Placement & Training coordinator
- Acted as IQAC Students Feedback ,MOU's file Incharge

### TOTAL JOURNAL PUBLICATIONS: 11 Papers Published In International Level Journal

**Paper 1:** Paper Titled "Enhancement of Image Resolution Using Multilayer Convolution Neural Networks in Machine Learning", © July 2024|JETIR | Volume 11 Issue 7 | ISSN: 2349-65162,pp. 744-752

**Paper 2:** Paper Titled "Machine Learning Techniques for 5G and Beyond", © April 2024|IJCRT | Volume 12 Issue 4 | ISSN: 2320-2882, pp. 511-518

**Paper 3:** Paper Titled "Fault Prediction using Fuzzy Convolution Neural networks on IoT Environment with Heterogeneous Sensing Data Fusion", © January 2024|BIJNTA | Volume 11 Issue 1 | ISSN: 2320-5377,pp.1-5

**Paper 4:** Paper Titled "Identifying Counterfeit Products Using Blockchain Technology with Consensus Algorithm", Appl. Math. Inf. Sci. Vol.18, No. 3, June 2023 pp. 801-810

**Paper 5:** Paper Titled “Enhancing Data Storage Security using Block Chain Technique in Cloud Computing”, International Journal of Advances in Engineering and Emerging Technology (IJAEET) Vol. 14, No. 1, April 2023, ISSN:2321-452X pp. 77-86

**Paper 6:** Paper Titled” IOT Service Improvement Through Hybrid Fog-Cloud Offloading”, International Journal of Advances in Engineering and Emerging Technology (IJAEET) Vol. 14, No. 1, April 2023, pp. 103-111

**Paper 7:** Paper Titled “Distributed Utility optimization in vehicular communication system”, Volume XI Issue VI ,JUNE 2022, ISSN : 0950-0707 pp. : 807 -815

**Paper 8:** Paper Titled,” Dynamic Firewall Decomposition and Composition in the Cloud”, © April 2021|IJIRT | Volume 7 Issue 11 | ISSN: 2349-6002,pp. 540-548

**Paper 9:** Paper Titled” Intelligent Interface for Fake Product Review Monitoring and Removal”, © April 2021| IJIRT | Volume 7 Issue 11 | ISSN: 2349-6002, pp.486-499(Indexed by SCOPUS)

**Paper 10:** Paper Titled “Improved Deep Learning Based Medical Image Processing On Object Detection”, © April 2021|IJIRT | Volume 12 Issue 1 | ISSN: 0976-6367,pp. 22-30

**Paper 11:** Paper Titled” Exemplifying The Ways To Improve Information Extraction Techniques In Web Mining”, Volume 11, Issue 5, July, 2020, pp. 227-236, Article ID: IJEET\_11\_05\_025(Indexed by SCOPUS)

## BOOK PUBLISHED

- **”Cloud Service Management”** in Charulatha Publications, ISBN No. :978-93-660-8949,on December 2024.
- **“Artificial Intelligence”** in Charulatha Publications, ISBN No. :978-93-5577-625-9,on November 2023.

## PATENTS

### TITLE OF THE INVENTION

- “IoT based Traffic Control and monitoring system to avoid accident and smart spacing for ambulance service”, Published on 30/12/2022, Application Number: 202241070705.

## MEMBERSHIP

- Professional membership in International Association of Engineers, Member Number : 389934

## RESOURCE PERSON (IN & OTHER COLLEGE)

- Acted as a Jury in Veetukku oru Vingnani in Hindu Kalvi Nilayam-Erode conducted by Puthiya Thalaimurai Television Channel.

## PROFESSIONAL ACHIEVEMENTS

- Present a Paper the titled on **“Enhancing Performance of Credit Card Intrusion Identification Using Naïve Bayes Probabilistic Algorithm”** in the”5th International conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE’25)” on 28/03/2025 & 29/3/2025 at Kongunadu College of Engineering and Technology, Trichy
- Present a Paper the titled on **“Efficient Prevention for Certificate Tampering using Blake 3 Algorithm In Block chain”** in the”8th International conference on Intelligent Computing(IConIC)” on 21/03/2025 & 22/3/2025 at Panimalar Engineering College, Chennai
- Present a Paper the titled on **“Enhancing Performance of Credit Card Intrusion Identification Using Naïve Bayes Probabilistic Algorithm”** in the”8th International conference on Intelligent Computing(IConIC)” on 21/03/2025 & 22/3/2025 at Panimalar Engineering College, Chennai
- Present a Paper the titled on **“Enhancing Cyberbullying Detection on Social Media Leveraging Linear Regression”** in the”8th International conference on Intelligent Computing(IConIC)” on 21/03/2025 & 22/3/2025 at Panimalar Engineering College, Chennai
- Presented a paper in International conference titled **“A Concurrent Iot Application Deployment Technique for Edge and Fog Computing Environment”**, K.S.R College of Engineering , Tiruchengode.
- Presented a paper in International conference titled **“Developing a Framework for Implementing Robotic process Automation in Auditing: Enhancing Efficiency, Accuracy, Compliance Audit”**, K.S.R College of Engineering , Tiruchengode.
- Present a Paper the titled on **“Enhancement of Image Resolution Using Multilayer Convolutional Neural Network in Machine Learning”** in the”1st National level conference on Intelligent Computing Technologies and Business Systems(ICTBS-2024)” on 11/05/2024 at knowledge Institute of Technology, Salem.
- Present a Paper the titled on **“To improve Efficiency of the Medicare Fraud Detection by Using Isolation Forest Algorithm”** in the”1st National level conference on Intelligent Computing Technologies and Business Systems(ICTBS-2024)” on 11/05/2024 at knowledge Institute of Technology, Salem.
- Presented a paper in National conference titled **“Synchronizing Clocks Of Periodic Updates In Wireless Ad-Hoc Networks”**, Karpagam University, Coimbatore.
- Presented a paper in InterNational conference titled **“Fast Data Collection In Minimum Spanning Tree Based Wireless Sensor Network”**, Sasurie College Of Engineering, Tirupur.

## WORKSHOP/FDP/SEMINAR ATTENDED/ORGANIZED

- Participated in the industrial visit and got training on cloud computing on 11/09/2025 at KGiSL MicroCollege, Coimbatore.
- Participated in the Faculty Development Programme on “**Smart Healthcare with AI, IoT & Cybersecurity**” from 01/09/2025 to 06/09/2025 at Rathinam Technical Campus, Coimbatore.
- Participated in the Professional Development Programme on “**Assessment and Developing Teaching Competency**” from 08/01/2024 to 12/01/2024 through online mode at NITTTR, Chennai
- Participated One Week Internship Program in “**Data Analysis & Visualization Using Python**” from 29/01/2024 to 04/02/2024 at Marcello Tech.
- Participated in the Faculty Development Programme on “**Mission LXD Transformation Journey**” on 18/03/2024 at K.S.R. Institute of Engineering & Technology, Tiruchengode.
- Participated One Week Internship Program in “**Generative AI**” from 07/04/2024 to 11/04/2024 at Naberly Technologies private Limited.
- Participated in one month SkillDzire in collaboration with AICTE, online FDP on “**Machine Learning**” from 01th June 2024 to 30th June 2024.
- Participated in one week AICTE ATAL- EDUSKILLS FDP on “**Google AI-ML**” from 08th July 2024 to 13th July 2024 at K.S.R. College of Engineering.
- Participated in the AICTE Training and Learning (ATAL) Academy Faculty Development Program on “**Quantum Computing’s Impact on Cryptography and Cyber Security in Defense**” at Sasurie College Of Engineering from 02/12/2024 to 07/12/2024.
- To Organized An International Technical Symposium “**ASTHRA 2K24**” on 6/04/2024 at K.S.R College of Engineering ,Tiruchengode
- To organized Hands On training on “**Introduction to AI Chatbot Design**” on 16/11/2023 at K.S.R College of Engineering ,Tiruchengode
- Participated Workshop on “**Self Design of post Retirement**” on 04/11/2022 at K.S.R. College of Engineering, Tiruchengode.
- Participated in the Faculty Development Programme on “**Outcome Based Education recent Developments in Quality Assurance**” on 12/10/2024 at K.S.R. College of Engineering, Tiruchengode.
- Participated Seminar on “**Natural Language processing**” on 28/09/2022 at K.S.R. College of Engineering, Tiruchengode.
- Participated in the Professional Development Programme on “**IPR for Teachers**” from 14/11/2022 to 18/11/2022 through online mode at NITTTR, Chennai
- Participated in the Faculty Development Programme on “**Recent Trends in Artificial Intelligence and machine Learning**” from 26/09/2022 to 30/09/2022 at Siddartha Institute of Science and Technology,Puttur

- Attended Two weeks ISTE WorkShop on “**Computer Programming**” Conducted by Indian Institute Of Technology Bombay from 20th May To 21st June, 2014, at Vidyaa Vikas College Of Engineering And Technology, Tiruchengode.
- Attended Two weeks ISTE WorkShop on “**Control Systems**” Conducted by Indian Institute Of Technology Kharagpur from 2nd To 12th December, 2014, at Vidyaa Vikas College Of Engineering And Technology, Tiruchengode.
- Attended “**BRIDGE 2020**” Organized by ICT Academy ,Conducted by Indian Institute Of Technology Madras from 26th February, 2020.

### **SUBJECTS HANDLED**

- ✓ Programming for Problem solving in C
- ✓ Python programming
- ✓ Operating System
- ✓ Computer Networks
- ✓ Principles of Cloud Computing
- ✓ Data Analytics
- ✓ Cyber Forensics
- ✓ Open source Software
- ✓ Fundamentals of Computing and Programming
- ✓ Internet of Things
- ✓ Computer Architecture and Organizatio
- ✓ Computer Programming
- ✓ System Software
- ✓ Digital forensics
- ✓ Database management System
- ✓ IT Essential
- ✓ Software Engineering Principle and Practices
- ✓ Web Technology

### **OTHER CERTIFIED COURSES**

S. No	Degree	Institution / University	Class / Grade	Year of Passing
1.	Cisco Certified Network Administrator	Indian Institute Of Hardware Technology Limited	A	Oct 2009
2.	Professional Diploma In Dotnet Training	DHS Informatics Private Limited	-	March 2010

## PERSONAL CHRONICLE

Name : E. Madhorubagan  
Father's Name : Mr.N.Elangovan  
Marital status : Married  
Date of Birth : 19-NOV-1988  
Blood Group : B<sup>+</sup>  
Age : 37  
Gender : Male  
Nationality : Indian  
Community : BC  
Language known : Tamil , English , Hindi  
To Read and Write To Speak : Tamil , English

## PROFESSIONAL SKILLSET

- > Good coordinator in all aspects
- > Lead by example in following the quality standards.

## DECLARATION

I here by declare that the information furnished above is true to the best of my knowledge.

Place: Tiruchengode  
Date: 02/11/2025

E. Madhorubagan  
[E.MADHORUBAGAN]