NAME	: **V. BACKIYALAKSHMI**
POSITION	: ASSISTANT PROFESSOR
PHONE/MOBILE	: 0452-4295850
DATE OF BIRTH	: 22.05.1984
EMAIL ID	: backiyalakshmiv.cs@gmail.com

✓ **QUALIFICATION**

S. No.	DEGREE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	PhD	COMPUTER SCIENCE (TITLE : AN EFFECTIVE CUSTOMER BEHAVIOUR ANALYTICS IN BANKING SECTOR THROUGH MACHINE LEARNING FOR FRAUD DETECTION)	MADURAI KAMARAJ UNIVERSITY	PURSUING (Reg. No : MKU22PFOS10457)
2.	NET	COMPUTER SCIENCE	UGC-NTA	2019
3.	M. Phil	COMPUTER SCIENCE	MOTHER TERESA WOMEN'S UNIVERSITY	2017
4.	PG	INFORMATION TECHNOLOGY & MANAGEMENT - M.S [IT & M]	MADURAI INSTITUTE OF SOCIAL SCIENCES	2007
5.	UG	COMPUTER SCIENCE	ST. GEORGE'S JEYARAJ COLLEGE FOR WOMEN	2004

✓ **ADDITIONAL QUALIFICATION**

1.	DGT	DIPLOMA IN GANDHIAN THOUGHT	MADURAI KAMARAJ UNIVERSITY	2020
2.	DCHE	DIPLOMA IN COMPUTER HARDWAREENGINEERING	TMC Computer Education, MADURAI	2001
3.	DMA	DIPLOMA IN MULTIMEDIA ANIMATION	TMC Computer Education, MADURAI	2001
4.	DCA	DIPLOMA IN COMPUTER PROGRAMMING	TMC Computer Education, MADURAI	2001

1. **TEACHING EXPERIENCE**

S. No.	INSTITUTION	FROM – TO (PERIOD)
1	MANNAR THIRUMALAI NAICKER COLLEGE, MADURAI	01 JULY 2022 – TILL NOW
2	V.V.VANNIYAPERUMAL COLLEGE, VIRUTHUNAGAR	21 FEBRUARY 2022 – 30 JUNE 2022
3	E.M.G YADAVA WOMEN'S COLLEGE, MADURAI	AUGUST 2014 – FEBRUARY 2022

2. Faculty Research Project Under Seed Money Scheme

S. No.	Topic	Fund Received	Duration	Name of the Institution
1	*Virtual*-Braille: Voice based E-mail system with vision impairment using multi-touch screen mobile phones	5000	November 2021-January 2022 (3 Months)	E.M.G Yadava Women's College, Madurai

3. Position Held Other Institution

S. No.	Name of the Institution	Name of the Position	Duration
1	Amar Software & Data Systems.	Project Trainee	November 2003 – May 2004
2	MACRO Tech Solutions	Programmer	November 2005 – July 2006
3	BETHEL Education And Social Trust	Web Site Developer	November 2005 – June 2006
4	STRETA Industrial Institute Interface	Project Developer	November 2006 – April 2007

4. Areas of Specialization

- Data Mining
- Machine Learning

5. Orientation/Refresher/Training Programmes/FDP Attended

S. No.	Programmes	Theme	Organized By	Date
1	FDP	Enrichment of Teaching Skills	OAA-MAVMM School of Management	14.02.2015
2	FDP	Logics of Programming	Pandian Saraswathi Yadav Engineering College, Sivagangai	07.12.2015
3	FDP	E-Learning And MOOCS in Higher Education and New Roles of Teachers	Guru Angad Dev Teaching Learning Centre, University of Delhi	25.09.2017
4	FDP	DIGI Tools for Enhancing Teaching and Learning	Tamilnadu Teacher Education University, Chennai	25.01.2021 – 27.01.2021
5	FDP	Revised NAAC Accreditation Frame work Perceptions	G.T.N. Arts College	12.05.2021 - 15.05.2021
6	FDP	PYTHON PROGRAMMIMG	ICT ACADEMY	04.08.2023

6. ONLINE CERTIFICATE COURSE

S.NO	DATE	ACTIVITY	TOPIC	INSTITUTE
1.	17.07.2022	FACULTY CONSULTANCY COURSE	FACULTY CONSULTANCY PROGRAM & FUNDED PROJECT	WWW.CLASSUPON.COM
2.	23.07.2022 TO 30.07.2022	FACULTY CONSULTANCY COURSE	RESEARCH WRITING	CLASS UPON ACADEMY OF RESEARCH AND EDUCATION
3.	JULY TO SEP 2022	NPTEL	COMPUTER GRAPHICS	IIT – GUWAHATI
4.	25.02.2023	IIT Spoken Tutorial	HTML	Mannar Thirumalai Naicker College
5.	2023	EMPLOYABILITY SKILLS PROGRAM.	IMPACTFUL WRITING SKILLS	WADHWANI FOUNDATION
6.	2023	EMPLOYABILITY SKILLS PROGRAM.	EFFECTIVE SPEAKING SKILLS	WADHWANI FOUNDATION
7.	26.08. 2023	CERTIFICATE COURSE	PYTHON ESSENTIALS -1	CISCO – NETWORK ACADEMY
8.	27.08. 2023	CERTIFICATE COURSE	PYTHON ESSENTIALS -2	CISCO – NETWORK ACADEMY
9.	November 2023	CERTIFICATE COURSE	Python for Machine Learning	Great Learning Academy
10.	November 2023	CERTIFICATE COURSE	Android Application Development	Great Learning Academy

7. NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	PROGRAMME & THEME	ORGANIZED BY	DATE	PARTICIPATED / PRESENTED	TITLE OF THE PAPER
1	INTERNATIONAL CONFERENCE	MANGAYARKARASI COLLEGE OF ARTS & SCIENCE FOR WOMEN, MADURAI	30.01.2020	PRESENTED	A STUDY ON CLUSTERING IN MACHINE LEARNING
2	INTERNATIONAL CONFERENCE	MANGAYARKARASI COLLEGE OF ARTS & SCIENCE FOR WOMEN, MADURAI	30.01.2020	PRESENTED	A COLLATE ON ARTIFICIAL INTELLIGENCE – MACHINE LEARNING – DEEP LEARNING & DATA SCIENCE
3	AWARENESS PROGRAMME	E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI	16.12.2019	PRESENTED	PROPER DISPOSAL OF E-WASTE
4	INTERNATIONAL COLLOQUIUM	MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL	06.08.2014 & 07.08.2014	PARTICIPATED	RESEARCH ORIENTATION AND QUALITY PUBLICATIONS
5	INTERNATIONAL CONFERENCE	ARUL ANANDAR COLLEGE, KARUMATHUR	25.02.2015	PARTICIPATED	INNOVATIVE TRENDS IN COMPUTING AND TECHNOLOGY
6	NATIONAL WORKSHOP	FATIMA COLLEGE, MADURAI	11.09.2015	PARTICIPATED	INNOVATIVE TECHNOLOGIES & ADVANCED COMPUTING

7	NATIONAL WORKSHOP	LADY DOAK COLLEGE, MADURAI	05.03.2016	PARTICIPATED	PEDAGOGY OF WOMEN'S STUDIES
8	INTERNATIONAL CONFERENCE	MANGAYARKARASI COLLEGE OF ARTS& SCIENCE FOR WOMEN, MADURAI	05.01.2019	PARTICIPATED	EMERGING TRENDS IN IOT & MACHINE LEARNING
9	INTERNATIONAL CONFERENCE	MADURAI SIVAKASI NADARS PIONEER MEENAKSHI WOMEN'S COLLEGE, POOVANTHI	11.01.2019	PARTICIPATED	ADVANCED COMPUTING TECHNOLOGIES
10	INTERNATIONAL SEMINAR	MANGAYARKARASI COLLEGE OF ARTS AND SCIENCE FOR WOMEN, MADURAI	08.08.2019	PARTICIPATED	INSIGHT OF SOFTWARE DEVELOPMENT AND ORGANIZATION
11	INTERNATIONAL WORKSHOP	MANNARTHIRUMALAI NAICKER COLLEGE, PASUMALAI, MADURAI	23.01.2020	PARTICIPATED	ALGORITHMIC THINKING AND PROBLEM SOLVING
12	NATIONAL WEBINAR	YADAVA COLLEGE, MADURAI	03.02.2021	PARTICIPATED	ETHICAL ISSUES AND CYBER SECURITY IN ICT
13	NATIONAL VIRTUAL CONFERENCE	SERMATHAI VASAN COLLEGE FOR WOMEN	05.02.2021	PARTICIPATED	ARTIFICIAL INTELLIGENCE, NEURAL NETWORK AND CYBER SECURITY
14	INTERNATIONAL CONFERENCE	WOLLO UNIVERSITY, KOMBOLCHA INSTITUTE OF TECHNOLOGY, ETHIOPIA	08.02.2021	PARTICIPATED	INTERNATIONAL WEBINAR ON ENTREPRENEURSHIP
15	NATIONAL WEBINAR	SYED AMMAL ARTS AND SCIENCE COLLEGE, RAMANATHAPURAM	17.02.2021	PARTICIPATED	EDGE COMPUTING WITH BIG DATA AND IOT
16	WEBINAR	LIVEWIRE	25.03.2021	PARTICIPATED	DATA SCIENCE
17	NATIONAL LEVEL WEBINAR	CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, GUNTUR – ANDHRA PRADESH	26.10.2022 to 30.10.2022	PARTICIPATED	Five days CIET Webinar series October 2022
18	ONE-WEEK NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, BHIMAVARAM, ANDHRA PRADESH.	01.11.2022 to 05.11.2022	PARTICIPATED	Recent Trends in Artificial Intelligence and Cyber Security
19	NATIONAL LEVEL WEBINAR	CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, GUNTUR – ANDHRA PRADESH	4.11.2022	PARTICIPATED	Utilizing Micro Hydro Systems for Quality Electricity Generation
20	GUEST LECTURE	CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, GUNTUR – ANDHRA PRADESH	19.11.2022	PARTICIPATED	Computer Networks
21	ONE WEEK NATIONAL LEVEL ONLINE FACULTY DEVELOPMENT PROGRAM	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, BHIMAVARAM, ANDHRA PRADESH.	01.03.2023 To 05.03.2023	PARTICIPATED	Recent Advances in Data Science, Data Analytics and Cyber Security
22	Inter National Conference - JOMSHA Journal	Nadar Saraswathi College of Arts And Science College, Theni	27.1.23 & 28.1.23	PRESENTED	Financial Fraud Detection Techniques Using Machine Learning
23.	IEEE Conference	A SYSTEMATIC SHORT REVIEW ON INTELLIGENT FRAUD DETECTION APPROACHES IN THE BANKING SECTOR USING DEEP LEARNING AND MACHINE LEARNING WITH FUTURE TRENDS	14.12.2023& 15.12.2023	PRESENTED	ICRTAC 23 Vellore Institute of Technology,Chennai Campus, India

8. ARTICLES PUBLISHED IN JOURNALS/MAGAZINES/BOOKS

S.No	JOURNAL / BOOK /MAGAZINE NAME	TITLE OF THE ARTICLE	MONTH / YEAR	Vol. No.	ISSUE NO.	Issn	PUBLISHER
1.	International Journal Of Science, Technology & Management	A NOVEL TECHNIQUE TO PERFORMING BIG DATA APPLICATIONS BASED ON MAP-REDUCE FRAMEWORK	APRIL 2015	VOL 04	Issue S.I(01)	2394-1537	IJSTM
2.	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN COMPUTER SCIENCE APPLICATIONS AND MANAGEMENT STUDIES	A Survey On Types Of Cyber Attacks And It's Restorative	Sep 2018	VOL 7	ISSUE 5	2319-1953	IJSRCSAMS
3.	Journal Of Analysis And Computation	A Collate On ARTIFICIAL INTELLIGENCE - MACHINE LEARNING - DEEP LEARNING & DATA SCIENCE	January 2020	Vol 13 Spl	ISSUE I	0973-2861	JAC
4.	Journal Of Analysis And Computation	A Study On Clustering In Machine Learning	January 2020	Vol 13 Spl	ISSUE I	0973-2861	JAC
5.	Journal Of Management, Science & Humanities	Financial Fraud Detection Techniques Using Machine Learning	Dec 2022	Vol. 9 No 2.	SPECIAL EDITION	2395-0625	Inter National Conference
6.	Digital India Initiative to Become Developed India	Machine Learning Techniques For Fraud Detection In E-Commerce	Sep 2022	Vol II	SPECIAL EDITION	978-93-83191-88-8	National Seminar
7.	UGC-Care Group 'II' Journal The International Journal Of Analytical And Experimental Modal Analysis	Evaluations Of Machine Learning Algorithms For Fraudulent Analysis In Financial Sector	April 2023	Volume XV	Issue Iv SPECIAL EDITION	Issn No: 0886-9367	Ijaema International Journal

8.	UGC Care Group II Journal	The Crucial Role Of Internal Controls And Corporate Governance In Detecting And Preventing Fraudulent Activities Using Machine Learning Techniques	Aug 2023	Volume 9	Issue 08	Issn No: 0932-4747	Zeichen International Journal
9.	International Journal Of Innovative Research In Computer And Communication Engineering	Unveiling Deception: A Comprehensive Look At Fraudulent Activities In The Financial Sector	Sep 2023	Vol 11	Issue 9	E-Issn: 2320-9801, P-Issn: 2320-9798	International Journal IJIRCCE

9. ARTICLES PUBLISHED IN E-CONTENT

PLATFORM	TITLE OF THE ARTICLE	MONTH / YEAR	LINK
YOU TUBE	BIRCH ALGORITHM IN DM	07.05.2020	https://youtu.be/91Z9tQHxm48
	ROCK ALGORITHM	07.05.2020	https://youtu.be/kYFJDTb75hE
	STIRR ALGORITHM	07.05.2020	https://youtu.be/InQ1uZa5Ups
	GENETIC ALGORITHM IN DM	08.05.2020	https://youtu.be/CF6ExWUa_yI
	WEB MINING	08.05.2020	https://youtu.be/lVroxF8HYto
	GSP ALGORITHM IN DATA MINING	08.05.2020	https://youtu.be/EEnS0Z8RFv8
	TEMPORAL DATA IN DATA MINING	08.05.2020	https://youtu.be/EgSNXPEtAOk
	SPADE ALGORITHM	08.05.2020	https://youtu.be/v9aXs8j4oes
	EVENT PREDICTION PROBLEM	14.05.2020	https://youtu.be/ZYdol8PtlCw
	SPIRIT ALGORITHM	14.05.2020	https://youtu.be/F4nvHPRAmN8
	BANKERS ALGORITHM	02.11.2020	https://youtu.be/-9O5lMHzAw8
	BLOCKCHAIN TECHNOLOGY	11.10.2021	https://youtu.be/RRqPsToE38M
	Arrays in 'C' Programming	31.08 2022	https://youtu.be/_GvQo7euCfM
	Tally - voucher entry	20.10.2022	https://youtu.be/h1JQXMUIET4
	Strings - C Program	11.02.2022	https://www.scribd.com/document/604612627/C-Program-Strings
	Arrays, Structures, and Union in C Programming	11.02.2022	https://www.scribd.com/document/604612708/C-Programming

SCRIBD	**MCQ - C Programming**	**11.02.2022**	https://www.scribd.com/document/604612629/c-Programming-Mcq-Questions
	Passing Arrays as Function Arguments & Pointers	**11.02.2022**	https://www.scribd.com/document/604612673/Passing-Arrays-as-Function-Arguments-Pointers
	C - Pointers	**11.02.2022**	https://www.scribd.com/presentation/604612656/C-Pointers
	File Management in C	**11.02.2022**	https://www.scribd.com/presentation/604612706/File-Management- in-C
	Accounting Reports in Tally	**11.02.2022**	https://www.scribd.com/document/604613850/Accounting-Reports- in-Tally
	Voucher Entry & Practical Problem - Tally	**11.02.2022**	https://www.scribd.com/document/604613813/Voucher-Entry-Practical-Problem-Tally
	Tally	**11.02.2022**	https://www.scribd.com/presentation/604613859/Tally
	Accounting Reports - Tally ERP9 PPT	**11.02.2022**	https://www.scribd.com/presentation/604613870/Accounting- Reports-Tally-ERP9-PPT
SLIDESHARE	**Understanding Basics of OS**	01.06.2021	http://www.slideshare.net/SriGayu/understanding-basics-of-os?from_m_app=android
	Operating System definition	15.08.2021	http://www.slideshare.net/SriGayu/ os-unit-1cont?from_m_app=android
	Operating System concepts	15.08.2021	http://www.slideshare.net/SriGayu/ operating-system-concepts-249984330?from_m_app=android

10. PROGRAM ORGANIZED IN DEPARTMENT

S.NO	DATE	EVENT	TITLE	Resource Person
1	08-02-2023 To 10-02-2023	Experiential Learning	Basics of Web Development	Mrs. Durga Muralidharan MANAGING DIRECTOR KBS INFOTECH, MADURAI
2	13.07.2023	Guest Lecture	Introduction to 'C' Programming	Ms. Priyanka M.Tech HI-Tech Academy
3	28.12.2023	Soft Skill Programme	Earn While Learn	Er. JC.P.Ganapathy Founder, Member of Oxi9, Madurai

PERSONAL DETAILS

Name   :V. Backiyalskhmi

Address for   : Pl. No, 63, Allimalar Street, Ram Nagar,
Communication   P and T Nagar Extenstion, Madurai – 17.

Marital Status   : Married

Religion & Community : Hindu, Brahmin

Languages Known   : Tamil, English, Telugu(Speak)