Ms. V.PRABAVATHI

W/O, V.Ramesh

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Career Objective: To utilize my knowledge and skills to educate and inspire students, support their intellectual development, and guide them toward becoming informed, responsible, and contributing members of society.

ACADEMIC PROFILE

Course	Year of Passing	Board of Examination	Name of the Institution	% of Marks
NET	Dec 2018	UGC	-	-
M. Phil	Sep 2011	Bharathiar University	Sree Saraswathi Thyagaraja College, Pollachi.	60
B.Ed	Apr 2010	TamilNadu Teachers Education University	K.M.G college of Education	76
M.Sc(C.S)	Apr 2009	Madurai Kamaraj University	Sree S. Ramasamy Naidu Memorial College,Sattur.	88
B.Sc(C.S)	Apr 2007	Madurai Kamaraj University	Sree S. Ramasamy Naidu Memorial College,Sattur.	81
H.S.C	2004	Stare Board	Sivakasi Hindu Nadar Girls Higher Secondary School, Sivakasi	85
S.S.L.C.	2002	State Board	Sivakasi Hindu Nadar Girls Higher Secondary School, Sivakasi	92

TEACHING EXPERIENCE

Serving as an Assistant Professor in the Department of Information Technology at Nallamuthu Gounder Mahalingam College, Pollachi, since June 2012.

I am pursuing my Ph.D., in the area Image Processing.

SKILL SETS

• C	• Software Engineering	• Image Processing
• C++,	• Information Security	• Artificial Intelligence
• DBMS	• Statistics	• Java
• Computer Networks	• Machine Learning	• Advanced Java

RESEARCH ACTIVITIES

► Secured seed funding of Rs. 25000 for the research work entitled **"POISSON WAVELET QUANTIZED PIECEWISE REGRESSIVE DISTRIBUTED CODING FOR IMAGE COMPRESSION AND TRANSMISSION",** funded by NGM College, Pollachi.

PAPERS PUBLICATIONS

► Published a paper, entitled with "**Lamport blum shub signcryptive extreme learning machine for secure transmission of digital images**" in 4th International Conference on Evolutionary Computing and Mobile Sustainable Networks (Scopus), Volume 252, Pages.728-737, February 2025. DOI: https://doi.org/10.1016/j.procs.2025.01.033

► Published a paper, entitled with "**Poisson Wavelet Quantized Piecewise Regressive Distributed Coding for Image Compression and Transmission**" in **Tuijin Jishu/Journal of Propulsion Technology (scopus)**, Volume 44, Issue 6, 2023.

► Published a paper, entitled with " **COMPREHENSIVE EXAMINATION OF MACHINE LEARNING IN IMAGE COMPRESSION TECHNIQUES**" in Shodha-Prabha, Volume 48, Issue No.3,Book No. 07, 2023.ISSN:0974-8946

► Published a paper, entitled with "**Study on Machine Learning and Cryptographic Methods for Image Compression and Secured Transmission**" in Journal of Maharaja Sayajirao University, Volume 57, Issue No.1 (IV), 2023.ISSN:0025-0422.

- Published a paper, entitled with "**Enhanced Image Compression using Wavelet modified Single Layer Linear Propagation Network**" in Journal of Maharaja Sayajirao University, Volume 56, Issue 1(XI), 2022. ISSN: 0025-0422.

- Published a paper entitled with "**Analysis of various Data Mining Techniques in prediction of various Apple Fruit Disease**" in **IJMERT**, Volume 5, Issue 3, July 2018, ISSN : 2348-8565.

- Published a paper entitled with "**GUI INTERFACE TO DISCOVER APPLE FRUITS DISEASE HARSHNESS GRADING BY FUZZY** " in **JASC**, Volume 6, Issue II, February 2019, ISSN : 1076-5131.

BOOK CHAPTER PUBLICATION

- In 2025, Published a book chapter, entitled with "Secure Digital Image Transmission using Lamport Blum-Shub Signcryptive Extreme Learning" Emerging Trends in Computation & Artificial Intelligence, First Edition, ISBN: 978-93-6126-962-2

PROGRAM ORGANIZED

- On 24.4.2023, conducted a Rangoli competition (Unity of the country) for NGM College students regarding the commemoration of 75th Independence.
- On 07.10.2022, organized the Professional Training Program "Hardware and Network Security" for Non-Teaching Staff members of NGM College, Pollachi.

CONFERENCES ATTENDED

- On 28 and 29 November 2024, presented a paper in Conference Evolutionary Computing and Mobile Sustainable Networks entitled "**Lamport Blum Shub Signcryptive Extreme Learning Machine for Secure Transmission of Digital Images**", organized by Hindustan Institute of Technology, Coimbatore.
- On 10.1.2024 and 11.1.2024, Presented a paper "Wavelet-Poisson Compression: A Novel Approach for Image Coding and Transmission" in two days National Conference on "Deep Learning & Computer Interaction for Sustainability " organized by BCA Department of our College.
- On 27.10.2021, presented a Research paper in ETIST-2021 organized by IT clusters of NGM College.

- On 1.2.2019, presented a paper in the topic "Phishing Finder" in **National Conference** on "Emerging Research Trends in computer Science and Technology", organized by Department of Computer Science, SNMV College, Coimbatore.

WORKSHOPS ATTENDED

- From 20.3.2023 to 21-03-2023, participated in **Two day NAAC Sponsored National Level Workshop** "Implementation of OBE: Opportunities and Challenges - Learning OBE Framework" organized by **IQAC cell**, at NGM College, Pollachi.

- On 12.10.2021, attended the National workshop on "Data analytics using R" organized by Department of Data Analytics (PG), PSGR Krishnammal College, Coimbatore.

- On 28.9.2018, attended one day **workshop** on "E – content Development", organized by E – content development cell in our college premises.

SEMINARS ATTENDED/PRESENTED

- On 7.3.2025 presented a paper entitled "**Environmental Sustainability through Green Supply Chain Management**" in one day **National Seminar on Artificial Intelligence in Logistics and Supply Chain Management Ethical Implications in Automation, Transparency and Sustainability**, conducted by PG Department of Commerce with International Business, NGM College.

- On 30.01.2023 and 31.01.2023, attended ICSSR Sponsored two days National Level Seminar on "Blended mode of Teaching and Learning for Teacher's Community" organized by B.Com(BPS) , NGM College, Pollachi.

FACULTY DEVELOPMENT PROGRAMME

- From 22nd Jan 2025 – 30th Jan 2025, attended 7 days FDP on " 20th NEP Orientation and Sensitization Programme" organized by Malaviya Mission Teacher Training Centre, Sri Ram College of Commerce, Delhi.
- From 05.08.2024 to 13.08.2024 attended a five days FDP on "Yoga for Healthy Life" conducted by the Department of Human Excellence, NGM College, Pollachi .
- From 29.7.2024 to 2.8.2024 attended a five days FDP on Exploring New Frontiers in Teaching Tools, AI and Data Analytics conducted by MEASI Institute of Information Technology , Chennai.

- From 18.09.2023 to 25.09.2023, attended seven days FDP on conducted by Rani anna Government college, Thirunelveli & Globethics, South Asia centre, Bangalore.
- On 22.09.2022, attended a Professional training program titled "Data security, Restoration and E-Mail security" conducted by the Department of Computer Technology, NGM College.
- From 04.10.2021 to 11.10.2021,attended a Seven **days Short Term Training Program on "Latest Trends in Information Technology"** organized by UG Department of Computer Application & IQAC, NGM College**.**
- On 23.9.2021, **attended "Online Lecture Series on What Makes a Good Teacher"** organized by FDP Cell, Madura college, Madurai.
- From 20.9.2021 to 27.9.2021, attended one week FDP on "Application Perspectives in IOT", organized by Department of computer Science (SF), NGM College.
- From 03.03.21 to 06.03.21, attended **Faculty Development Program** "Educator Development Program (FDP - HARAPPA)" and received certificates.
- From 21.5.2020 to 27.5.2020, attended International **Online Faculty Development Programme** on "Innovation in Information Technology post COVID'19", Organized by UG Department of Computer Applications (BC A) of Nallamuthu Gounder Mahalingam College.
- From 11.5.2020 to 14.5.2020, attended NATIONAL **Online Faculty Development Programme** On "Impact on AI in Education and Industry Post COVID'19", Organized by UG Department of Computer Technology of Nallamuthu Gounder Mahalingam College.
- From 1.5.2020 to 5.5.2020, attended **five days "Faculty Development Programme on python 3.4.3",** organized by spoken tutorial project, IIT Bombay Organized by GVG College.
- From 29.4.2020 to 1.5.2020, attended **"Faculty Development Programme"** on MOODLE LEARNING MANAGEMENT SYSTEM", organized by KAYPEES College, Kothagiri.
- From 29.04.2020 to 30.04.2020, attended a **Two days FDP** on "Virtual Teaching", conducted by CIT-TLC.
- On 27.04.2020, attended a one days **FDP** on " Research methodology", conducted by Bharathiyar University Arts and Science College.
- On 18.04.2020, attended a one day **FDP** on" Cyber Forensics", conducted by Kalasalingam Academy of Research and Education? Association with Indian Servers.
- On 16.04.2020 to 22.04.2020, attended a four days **FDP** on" Python 3.4.3", conducted by Adhi Parasakthi Engineering College.
- From 12.6.2019 to 14.06.2019, attended the **Faculty Development Programme** entitled "Recent Trends in Higher Education in Science and Humanities to Rural Students" conducted in NGM college.

MOOC Mentor

- MOOC mentor for online course in Swayam- NPTEL named "Python for Data Science", all first year students (2021-2024 batch) have been registered in the above course.

ACADEMIC ACTIVITIES

- Involved in NAAC Criteria metric 2.1.2
- Editor of Department Newsletter in the Department of Information Technology.
- Project Guide for more than 50 students.
- External Examiner in Bharathiar University for conducting practical examination and valuation in various colleges.
- Member in Board of Studies for department curriculum.
- Member in NGM College NET/SET coaching centre.
- Possessing M. Phil Guide ship Approval from Bharathiar University.
- Possessing Permanent Qualification Approval from Bharathiar University.

PERSONAL PROFILE

Name	**: V. PRABAVATHI**
Father name	**: R. Venkadasamy**
Mother's Name	**: V. Subbuthai**
Phone Number	**: +91 9095544124**
E-Mail	**: prabadhanya11@gmail.com**
Location	**: Pollachi, Tamil Nadu, India.**
Nationality	**: Indian**
Languages Spoken	**: English, Tamil, Telugu**
ORCID ID	**: https://orcid.org/0000-0003-4325-1152**
Google Scholar ID	**: https://scholar.google.com/citations?user=utNs1-EAAAAJ&hl=en**

Place: Pollachi

Date :   **Signature**