CURRICULUM VITAE

Dr.S.Sridevi
69,Kamatchiamman kovil street,
Vettaikaranpudur,Pollachi-642129
E-Mail: sridevi.senthilmkr@gmail.com
Mobile: 9786810504, 6383015230

OBJECTIVE:

Looking forward to handle challenging assignments to test my true potential abilities and upgrading myself while gaining experience with the best of organizations in the field.

To enhance the student community by implementing innovative teaching strategies, encouraging active learning and enhancing the research skills.

ACADEMIC PROFILE:

- Completed Ph.D at Sree Saraswathi Thyagaraja College,Pollachi during June 2019.
- Completed MCA (School of Distance Education) at Periyar University, Salem during 2010 with the aggregate of 75%.
- Completed M.Phil (School of Distance Education) at Bharathiar University, Coimbatore during 2008.
- Completed M.Sc Computer Science at Sri Ramakrishna College Of Arts and Science for Women, Coimbatore during 2006 with the aggregate of 70%.
- Completed B.Sc Computer Science at NGM college, Pollachi during 2004 with the aggregate of 63%
- H.Sc at PKD Matric Hr Sec School, Pollachi during 2001 with 71%.
- SSLC at PKD Matric Hr Sec School, Pollachi during 1999 with 71%.

WORK EXPERIENCE:

- Working as an Assistant Professor in Department of Computer Science in Nehru Arts & Science College,Coimbatore from May 2024
- Worked as an Assistant Professor in Department of Computer Science in Sree Saraswathi Thyagaraja College of arts and science from August 2006 April 2010 and from June 2020 till May 2024.
- Worked as an Asst.Professor in Department of Computer Application at Rathinam College of arts and science from May 2019 to April 2020.

- Worked as an Asst.Professor in Department of computer science at Pollachi college of arts & science from May 2016 to May 2018
- Worked as an Asst.Professor in Department of Computer Application at Sri Venkateshwara College of Computer Application and Management from Jan 2013 to April 2016.
- Worked as an Asst.Professor in Department of Information Technology at Sree Ramu College of Arts & Science, Pollachi from June 2011 to Dec 2012.
- Worked as an Asst.Professor in Department of Computer Science & Applications at SNMV College of Arts & Science, Coimbatore from May 2010 to April 2011.

LIST OF PUBLICATIONS:

- Published paper **"RPCST: A NOVEL APPROACH TO RAPID PREDICTION AND FEATURE EXTRACTION IN IMAGE PROCESSING"** in **African Journal of Biological Science**(Scopus)
- Published paper **"ANALYSIS AND SURVEY ON DATA ANALYTICS COMPARISON OF ALGORITHMS"** in **Annals of R.S.C.B**(Scopus)
- Published paper **"A STUDY ON ANT INSPIRED ROUTING PROTOCOLS FOR WIRELESS SENSOR NETWORKS"** in **Sambodhi** (UGC Care Journal).
- Published paper **"A SURVEY OF DATA MINING ALGORITHMS IN AGRICULTURE"** in **International Journal of Multidisciplinary Educational Research.**
- Published paper **"IMPROVING FORECASTING ACCURACY BY IMPLEMENTING THE PROPOSED ALGORITHMS IN WIND TURBINES AT UDUMALPET: CASE STUDY"** in **International Journal of Applied Engineering Research and Development (IJAERD), Scopus**.
- Published paper **"SHORT-TERM WIND POWER FORECASTING AND PREDOMINANT WIND DIRECTIONUSING SVM KERNEL FUNCTION"** in **International Journal of Civil Engineering and Technology (IJCIET), Scopus** .
- Published paper **"PROBABILISTIC WIND POWER FORECASTING USING FUZZY LOGIC"**, in**International Journal of Scientific Research and Management (IJSRM).**
- Published paper **"A HYBRID WFA APPROACH FOR SHORT-TERM WIND POWER FORECASTING"** in**Advances in Computational Sciences and Technology (ACST)**
- Published paper **"A PROFICIENT MODEL FOR WIND SPEED PREDICTION USING ADABOOST_BP ALGORITHM"** in **International Journal of Computer Science and Information Security(IJCSIS)**

- Published paper**"COMPARATIVE STUDY OF SHORT TERM WIND SPEED EVALUATION USING DATA MINING TECHNIQUES"** in **arXiv.**

BOOK CHAPTER PUBLICATION:

- Published **"AUGMENTING AGRONOMY: THE SYNERGISTIC IMPACT OF ARTIFICIAL INTELLIGENCEONAGRICULTURAL INNOVATION AND SUSTAINABILITY"** in the book **"AI AND ITS APPLICATIONS"**
- Published **"DATA SCIENCE AT SCALE: BIG DATA ARCHITECTURES AND MACHINE LEARNING STRATEGIES FOR REAL-WORLD INSIGHTS AND MULTIDISCIPLINARY INNOVATION"** in the book **"GLOBAL DIMENSIONS OF MULTIDISCIPLINARY RESEARCH AND INNOVATION"**

PATENT PUBLICATION:

- An image processing-based technique to help HR predict the pulse of working environment.

LIST OF PAPER PRESENTATIONS:

- Presented paper on "**A Comprehensive Review Of Wind Speed Prediction- Different Models**" at Governments Arts College, Valparai.
- Presented the paper on "**Wind Speed and Power Forecasting Using Adaboost with Back Propagation A Framework"** at Sree Saraswathi Thyagaraja College, Pollachi.
- Presented the paper on "**Cryptography**" at Sree Saraswathi Thyagaraja College, Pollachi.
- Presented paper in International Conference on "**Comparative study of Short term Wind speed Evaluation using Data Mining Techniques**" at Bharathiyar University.
- Presented paper in DBT sponsored national conference on **"Wind forecasting methods an literature review"** at Kongu Engineering college.
- Presented paper in International Conference on "**Wind Speed Prediction models in Renewable Energy Systems**" at P.S.G.R. Krishnammal College for Women.

PARTICIPATIONS IN FDP/WORKSHOP/NATIONAL /INTERNATIONAL SEMINARS:

- Participated in FDP on EMERGING APPLICATIONS IN IMAGE PROCESSING organized by RAJALAKSHMI INSTITUTE OF TECHNOGY from 1st march to 5th march 2022.
- Participated in FDP on MICROSOFT AZURE MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE organized by INFISPARK from 15th march to 17th march 2022.
- Participated in Webinar on ARTIFICIAL INTELLIGENCE organized by Marwari

- College, Bhagalpur in association with CSI Patna Chapter on 7th June, 2020.
- Participated in “Two Days Webinar on Deep Learning Using Auto Encoders” Organised by Department of Computer Science from 16-06-2020 to 17-06-2020.
- Participated in online Faculty Development Program on "DATA SCIENCE CONCEPTS-THEORETICAL AND PRACTICAL APPROACH" held from 15th to 19th June 2020 organized by Department of Computer Science and Engineering, Dayananda Sagar University, Bengaluru.
- Participated in the National Level Webinar on “Space Applications to a Common Man“ organized by Department of Physics, The Standard Fireworks Rajaratnam College for Women, Sivakasi
- Participated in 5 days FDP on Data Science and Big Data Analytics conducted by ICT Academy at Karpagam Academy for Higher Education. Coimbatore
- Participated in FDP on Computer Networks conducted in Venkateshwara Engineering College, Coimbatore.
- Participated in International Seminar Innovations in Computer Technology in P.S.G.R. Krishnammal College for Women
- Participated two week Staff Development Programme (AICTE Sponsored) on “Advanced computing and communication technologies for high performance applications“ in Sree Saraswathi Thyagaraja College, Pollachi.
- Participated in one day faculty development programme on “Matlab tool implementation in Data Mining” in Nehru Institution of Technology.
- Participated in “UG sponsored one day workshop on Matlab“ in Government arts college, Udumalpet.

INVITED TALKS:

✧ Invited as a Guest Lecture on “**Data Science**“ for UG Students , Vidhyasagar College of Arts and Science

ACHIEVEMENTS /MERITS:

✓ Received Awards for achieving 100% result.
✓ Received the Elite Certificate from NPTEL for completing “Joy of Computing using Python” Course
✓ Received the Elite Certificate from NPTEL for completing “IoT” Course

.

NAAC ROLE:

- Overall Criterion V member.
- Department Level Criterion IV In-charge.

ROLES AND RESPONSIBILITIES:

- Examination Committee member in Previous Institution.
- Various Club in-charge in Previous Institution.
- Department Level ERP Co-ordinator .
- Department Level Placement Co-ordinator.
- IQAC Member.

SUBJECTS HANDLED:

- OOPS
- RDBMS
- C++
- Java
- Information and Cyber Security
- Software Engineering
- PHP & MySQL
- Digital Fundamentals
- Mobile Computing

Ph.D THESIS

Title : **A Framework to Forecast the Wind Speed and Power Generation using Divergent Algorithms**

Area : Data Mining

Tool : MATLAB 2016

Description : This research is mainly focusing the development of a new model for predicting the wind speed accuracy and wind power accuracy. In the next level, it is trying to reduce the error rate. This research also focuses the accuracy of wind power forecasting in the winter season.

RESEARCH IDs:

Vidwan web link : https://vidwan.inflibnet.ac.in/profile/525075

Vidwan Score : 5.3/10

Researcher ID : KMX-9957-2024

Orcid ID : https://orcid.org/0009-0009-7011-0647

Google Scholar Citations : sridevi.senthilmkr@gmail.com

(https://scholar.google.com/citations?hl=en&user=KP3zslkAAAAJ)

PERSONAL PROFILE:

Father's Name	:	C.Seetharaman.
Date of Birth	:	09.12.1982.
Gender	:	Female.
Status	:	Married.
Languages Known	:	English, Tamil.
Permanent Address	:	69,Kamatchiamman kovil street, Vettaikaranpudur, Pollachi-642129

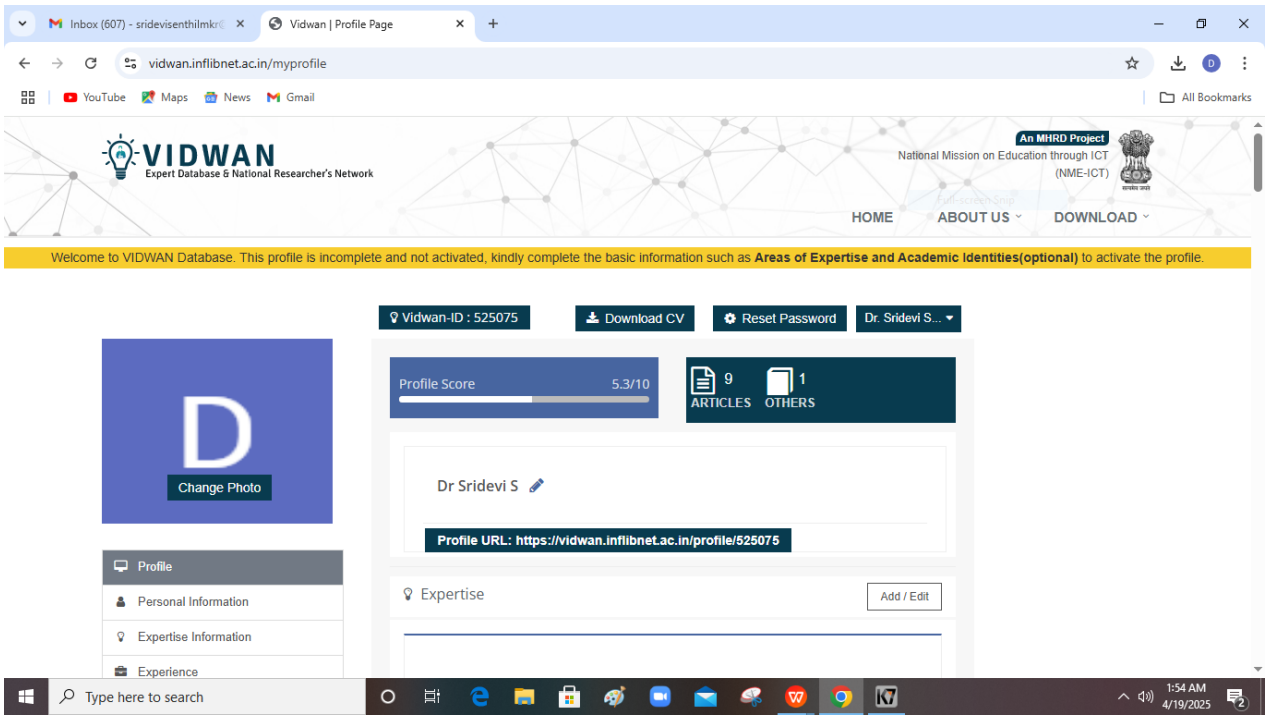
I hereby declare that the information given above is true and correct to the best of my knowledge.

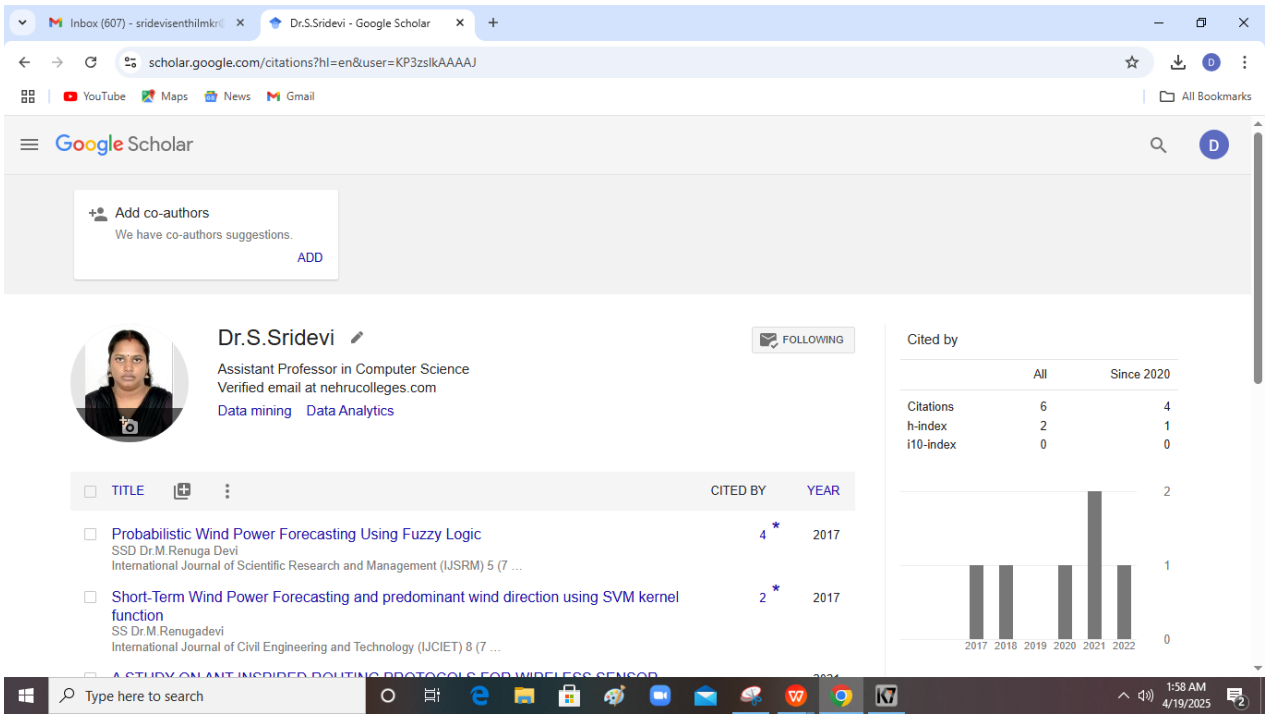
Place: Pollachi

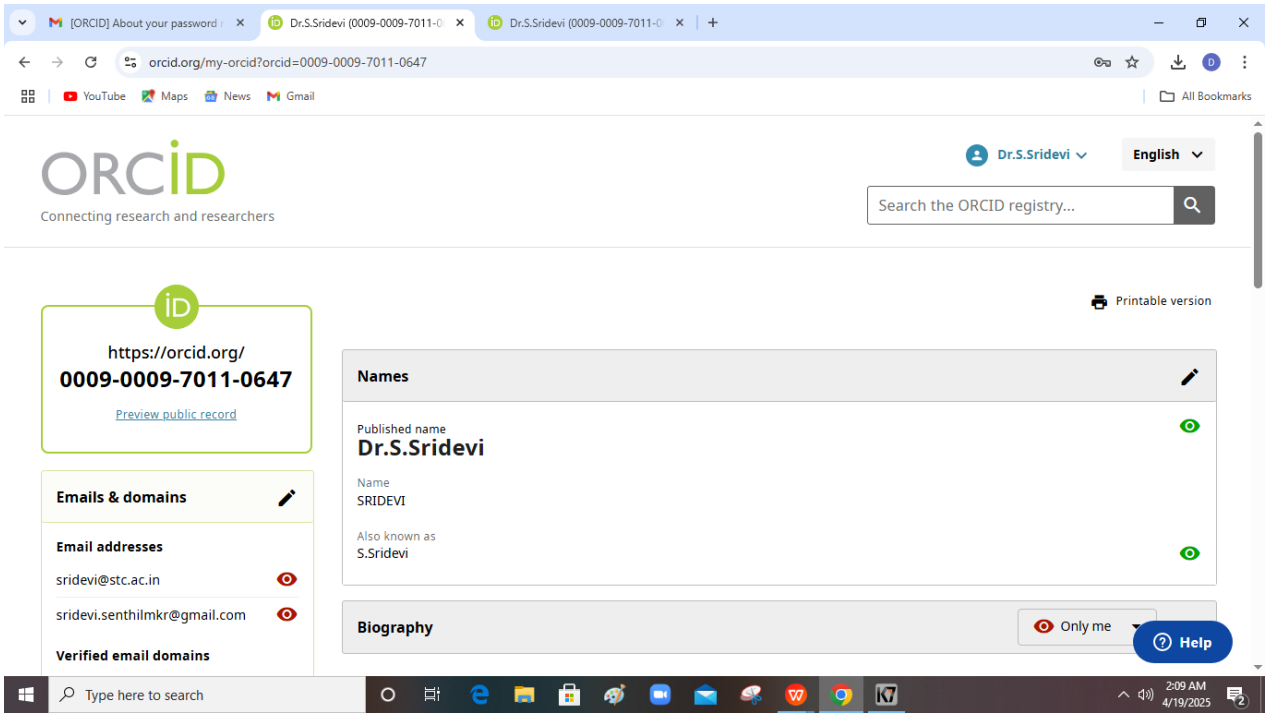
Yours Truly,

Date:

SRIDEVI.S


Inbox (607) - sridevisenthilmkr
Vidwan | Profile Page
vidwan.inflibnet.ac.in/myprofile
VIDWAN
Expert Database & National Researcher's Network
An MHRD Project
National Mission on Education through ICT (NME-ICT)
HOME
ABOUT US
DOWNLOAD
Welcome to VIDWAN Database. This profile is incomplete and not activated, kindly complete the basic information such as Areas of Expertise and Academic Identities(optional) to activate the profile.
Vidwan-ID : 525075
Download CV
Reset Password
Dr. Sridevi S...
Profile Score 5.3/10
9 ARTICLES
1 OTHERS
Change Photo
Dr Sridevi S
Profile URL: https://vidwan.inflibnet.ac.in/profile/525075
Profile
Personal Information
Expertise Information
Experience
Expertise
Add / Edit
Type here to search
1:54 AM
4/19/2025


Inbox (607) - sridevisenthilmkr
Dr.S.Sridevi - Google Scholar
scholar.google.com/citations?hl=en&user=KP3zslkAAAAJ
Google Scholar
Add co-authors
We have co-authors suggestions.
ADD
Dr.S.Sridevi
FOLLOWING
Assistant Professor in Computer Science
Verified email at nehrucolleges.com
Data mining
Data Analytics
Cited by
All
Since 2020
Citations 6 4
h-index 2 1
i10-index 0 0
TITLE
CITED BY
YEAR
Probabilistic Wind Power Forecasting Using Fuzzy Logic
SSD Dr.M.Renuga Devi
International Journal of Scientific Research and Management (IJSRM) 5 (7 ...
4 2017
Short-Term Wind Power Forecasting and predominant wind direction using SVM kernel function
SS Dr.M.Renugadevi
International Journal of Civil Engineering and Technology (IJCIET) 8 (7 ...
2 2017
2017 2018 2019 2020 2021 2022
Type here to search
1:58 AM
4/19/2025


[ORCID] About your password
Dr.S.Sridevi (0009-0009-7011-0
Dr.S.Sridevi (0009-0009-7011-0
orcid.org/my-orcid?orcid=0009-0009-7011-0647
YouTube
Maps
News
Gmail
All Bookmarks
ORCID
Connecting research and researchers
Dr.S.Sridevi
English
Search the ORCID registry...
Printable version
https://orcid.org/
0009-0009-7011-0647
Preview public record
Emails & domains
Email addresses
sridevi@stc.ac.in
sridevi.senthilmkr@gmail.com
Verified email domains
Names
Published name
Dr.S.Sridevi
Name
SRIDEVI
Also known as
S.Sridevi
Biography
Only me
Help
Type here to search
2:09 AM
4/19/2025